

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075290.D
 Acq On : 16 Nov 2022 16:03
 Operator : JC\MD
 Sample : VN1116WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 04:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	135719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73558	40.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.460%
35) Dibromofluoromethane	8.177	113	66092	49.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	10.571	98	233109	45.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.847	95	86916	48.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28008	15.864	ug/l	98
3) Chloromethane	2.371	50	28077	14.972	ug/l	98
4) Vinyl Chloride	2.524	62	38035	14.217	ug/l	94
5) Bromomethane	2.930	94	32944	13.671	ug/l	97
6) Chloroethane	3.106	64	27909	14.548	ug/l	94
7) Trichlorofluoromethane	3.495	101	50275	18.396	ug/l	97
8) Diethyl Ether	3.971	74	18833	18.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	28991	19.208	ug/l	98
10) Methyl Iodide	4.600	142	42242	18.800	ug/l	98
11) Tert butyl alcohol	5.542	59	34073	79.899	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	25163	17.491	ug/l	95
13) Acrolein	4.189	56	15924	45.652	ug/l	98
14) Allyl chloride	5.042	41	37479	17.837	ug/l	95
15) Acrylonitrile	5.730	53	78978	87.671	ug/l	97
16) Acetone	4.442	43	70814	91.456	ug/l	92
17) Carbon Disulfide	4.718	76	60285	16.663	ug/l	98
18) Methyl Acetate	5.042	43	44959	17.776	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	97638	18.260	ug/l	96
20) Methylene Chloride	5.283	84	32614	18.891	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	28551	18.125	ug/l	93
22) Diisopropyl ether	6.683	45	83166	17.936	ug/l	97
23) Vinyl Acetate	6.612	43	321120m	82.932	ug/l	
24) 1,1-Dichloroethane	6.577	63	51231	17.469	ug/l	99
25) 2-Butanone	7.494	43	104499	85.803	ug/l	99
26) 2,2-Dichloropropane	7.494	77	44758	16.590	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	35394	18.816	ug/l	95
28) Bromochloromethane	7.818	49	21072	17.045	ug/l	89
29) Tetrahydrofuran	7.841	42	65520	83.254	ug/l	99
30) Chloroform	7.971	83	56875	17.862	ug/l	97
31) Cyclohexane	8.265	56	45198	16.619	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	51346	17.758	ug/l	99
36) 1,1-Dichloropropene	8.371	75	40424	19.674	ug/l	98
37) Ethyl Acetate	7.571	43	40713	18.068	ug/l	99
38) Carbon Tetrachloride	8.365	117	44440	19.662	ug/l	98
39) Methylcyclohexane	9.606	83	52154	19.227	ug/l	100
40) Benzene	8.606	78	126058	20.037	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21003	19.455	ug/l	99
42) 1,2-Dichloroethane	8.677	62	43095	18.828	ug/l	96
43) Isopropyl Acetate	8.694	43	64104	18.340	ug/l	98
44) Trichloroethene	9.353	130	34489	21.851	ug/l	99
45) 1,2-Dichloropropane	9.624	63	31057	20.744	ug/l	98
46) Dibromomethane	9.706	93	23620	20.250	ug/l	95
47) Bromodichloromethane	9.888	83	44255	19.592	ug/l #	95
48) Methyl methacrylate	9.682	41	29595	18.459	ug/l	95
49) 1,4-Dioxane	9.694	88	17635	420.033	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	209767	93.003	ug/l	99
52) Toluene	10.629	92	84126	20.004	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	45463	19.068	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	50820	20.097	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	33539	20.113	ug/l	95
56) Ethyl methacrylate	10.876	69	48651	19.127	ug/l	99
57) 1,3-Dichloropropane	11.165	76	56171	20.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	89974	91.499	ug/l	99
59) 2-Hexanone	11.200	43	155418	90.790	ug/l	97
60) Dibromochloromethane	11.359	129	34973	19.879	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34575	20.233	ug/l	99
64) Tetrachloroethene	11.106	164	31464	24.499	ug/l	93
65) Chlorobenzene	11.888	112	91034	20.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32794	19.771	ug/l	98
67) Ethyl Benzene	11.965	91	159380	19.812	ug/l	99
68) m/p-Xylenes	12.071	106	127146	39.390	ug/l	97
69) o-Xylene	12.400	106	63231	19.808	ug/l	99
70) Styrene	12.412	104	102291	20.097	ug/l	98
71) Bromoform	12.576	173	24597	19.807	ug/l #	99
73) Isopropylbenzene	12.694	105	163598	19.422	ug/l	99
74) N-amyl acetate	12.494	43	55255	17.736	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51027	18.610	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44653m	20.044	ug/l	
77) Bromobenzene	12.982	156	39752	21.433	ug/l	88
78) n-propylbenzene	13.035	91	189290	20.016	ug/l	100
79) 2-Chlorotoluene	13.123	91	114276	19.774	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	141871	20.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13342	15.374	ug/l	97
82) 4-Chlorotoluene	13.123	91	114276	19.774	ug/l	98
83) tert-Butylbenzene	13.441	119	125092	19.899	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	141251	19.733	ug/l	98
85) sec-Butylbenzene	13.617	105	175297	19.933	ug/l	100
86) p-Isopropyltoluene	13.729	119	148727	20.477	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	75376	20.757	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76224	21.209	ug/l	99
89) n-Butylbenzene	14.059	91	123817	21.170	ug/l	99
90) Hexachloroethane	14.335	117	23379	17.556	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	74390	20.606	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10043	17.676	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	36104	23.240	ug/l	98
94) Hexachlorobutadiene	15.506	225	18355	24.236	ug/l	99
95) Naphthalene	15.641	128	124190	20.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35544	23.027	ug/l	99

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QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

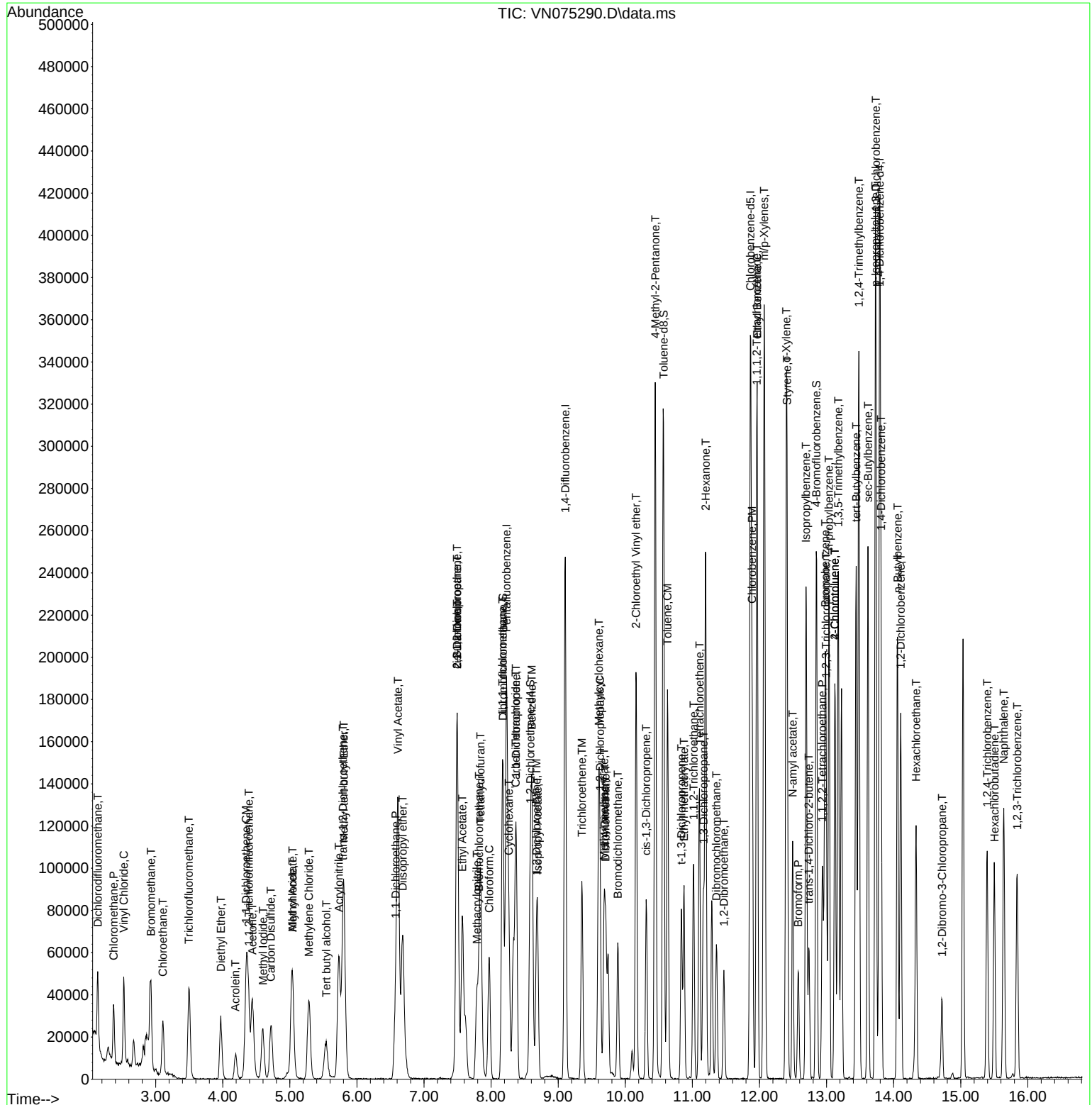
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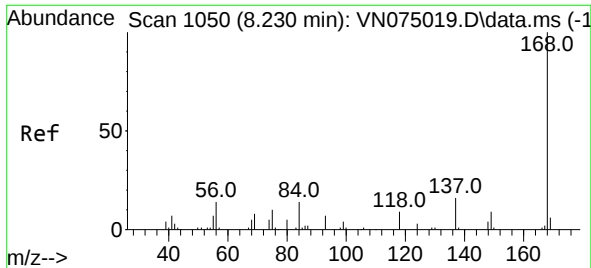
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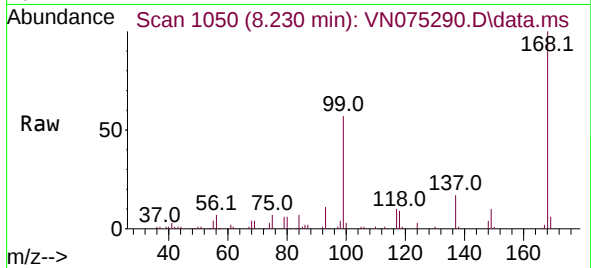
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075290.D
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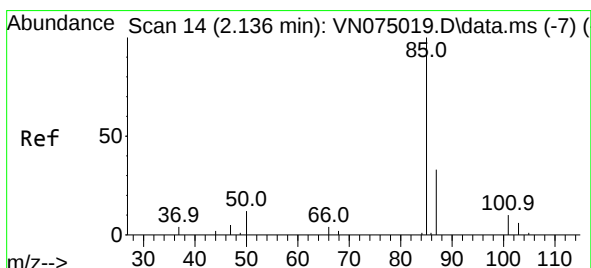
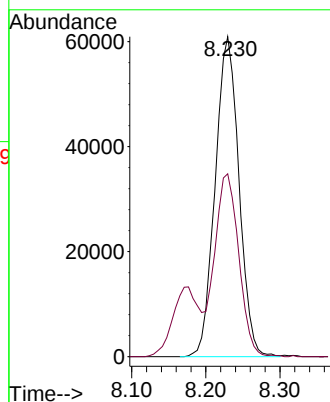
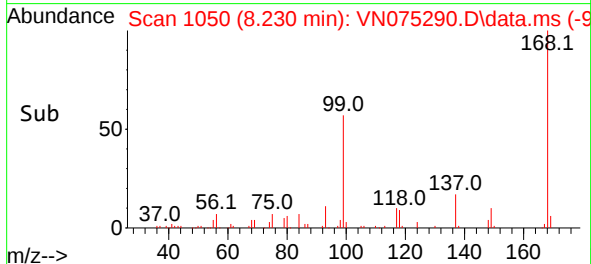
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 135719
Ion Ratio Lower Upper
168 100
99 56.8 51.6 77.4

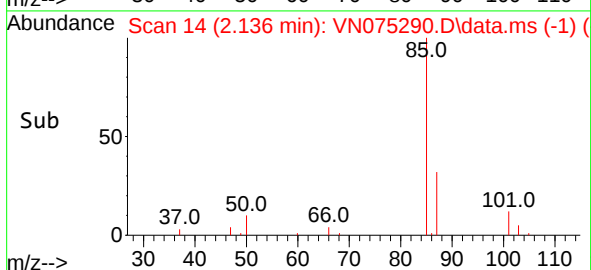
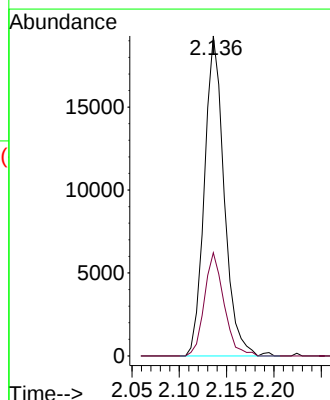
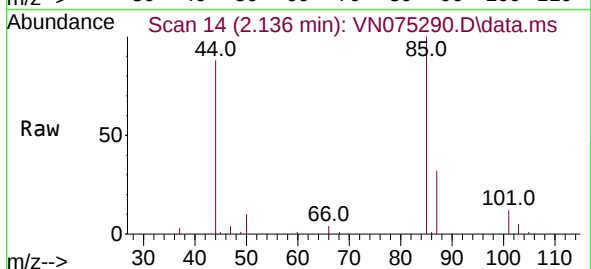
Manual Integrations
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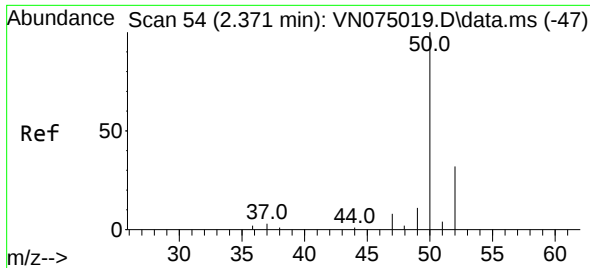
Reviewed By :John Carlone 11/17/2022
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#2
Dichlorodifluoromethane
Concen: 15.864 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

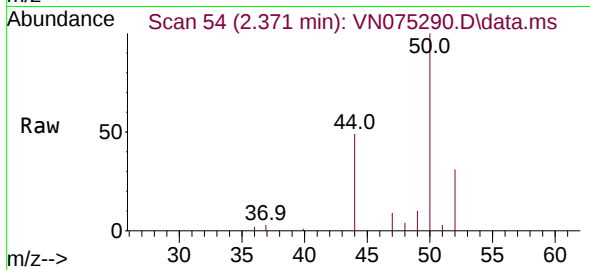
Tgt Ion: 85 Resp: 28008
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0





#3
Chloromethane
Concen: 14.972 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

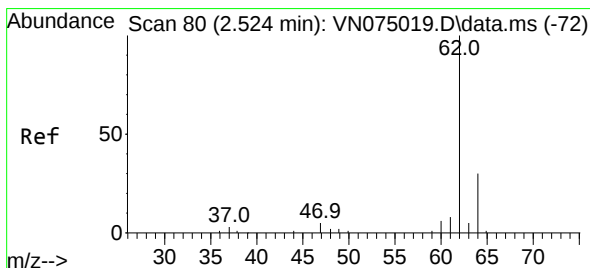
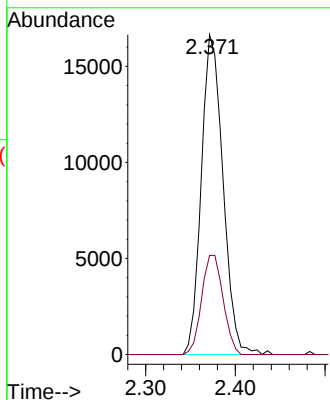
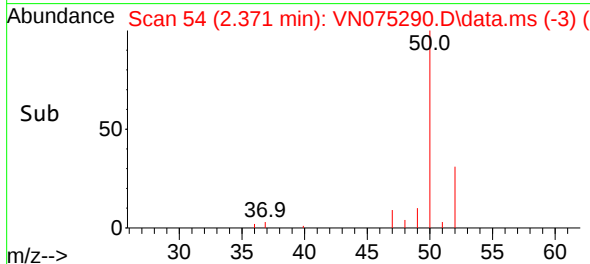
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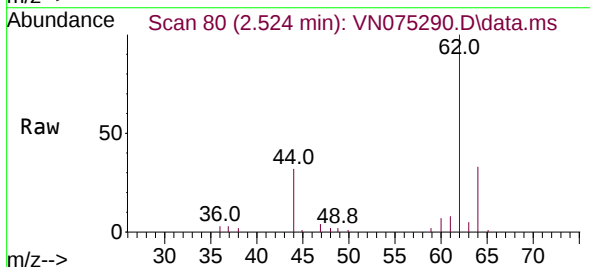
Tgt Ion: 50 Resp: 28072
Ion Ratio Lower Upper
50 100
52 31.0 25.8 38.6

Manual Integrations
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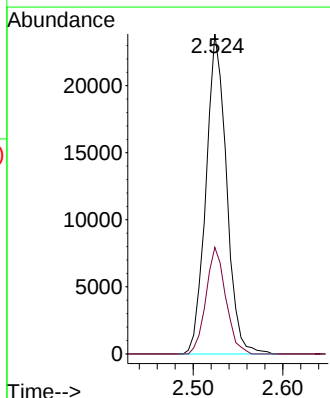
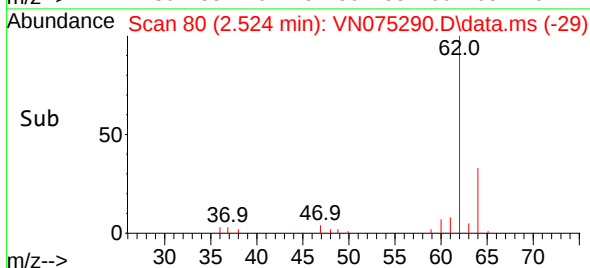
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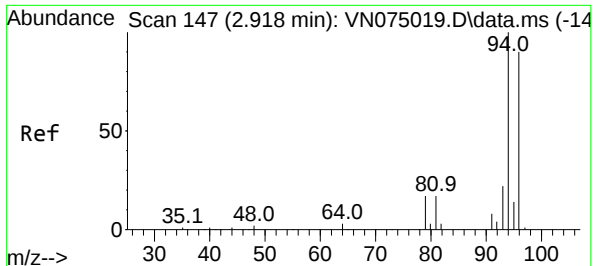


#4
Vinyl Chloride
Concen: 14.217 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



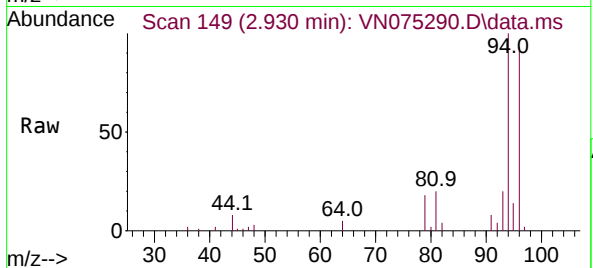
Tgt Ion: 62 Resp: 38035
Ion Ratio Lower Upper
62 100
64 33.3 24.0 36.0





#5
Bromomethane
Concen: 13.671 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

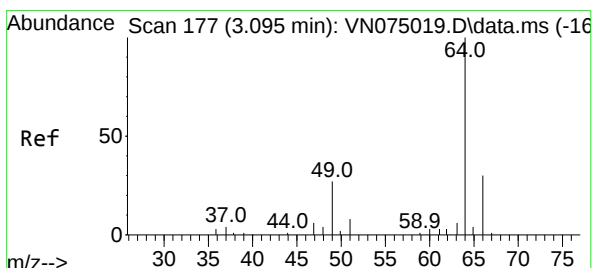
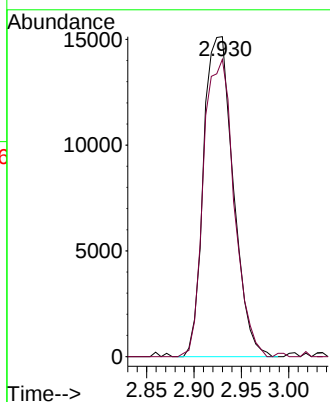
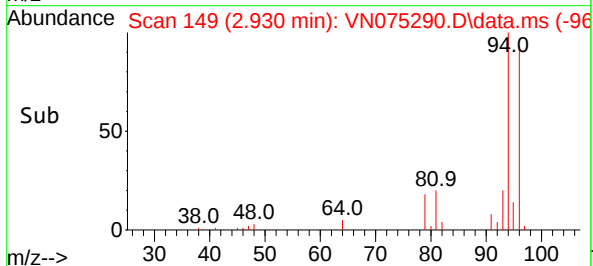
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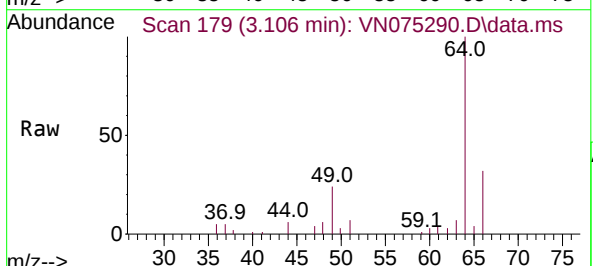
Tgt Ion: 94 Resp: 32944
Ion Ratio Lower Upper
94 100
96 92.9 71.8 107.6

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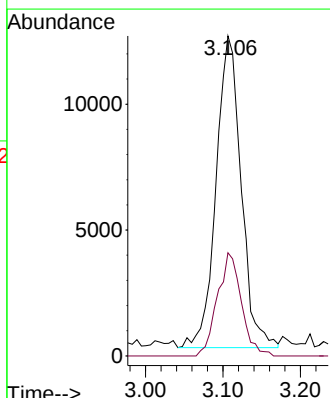
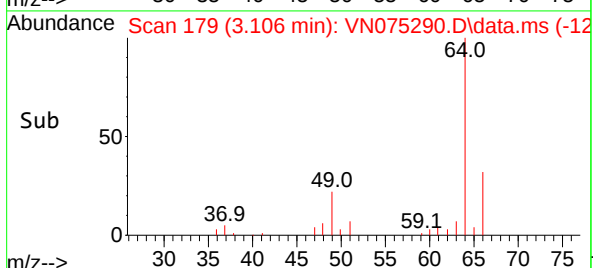
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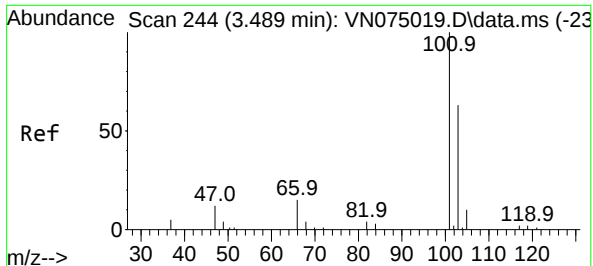


#6
Chloroethane
Concen: 14.548 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion: 64 Resp: 27909
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8





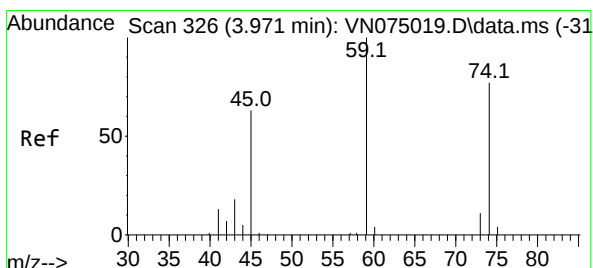
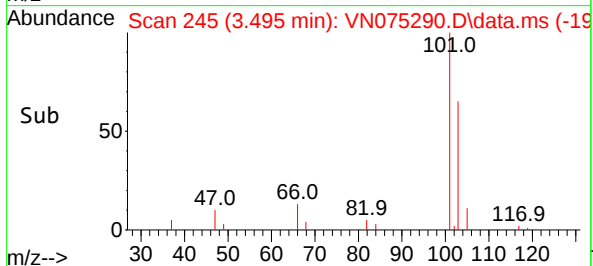
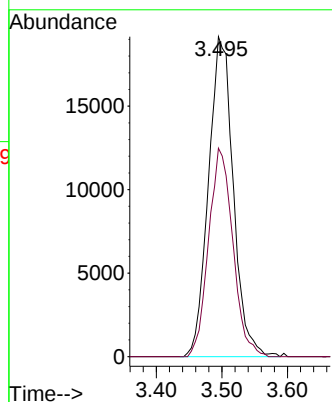
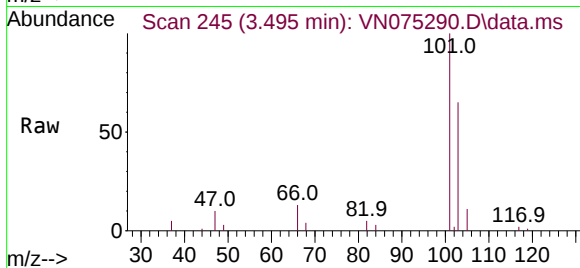
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Trichlorofluoromethane
Concen: 18.396 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 50275
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

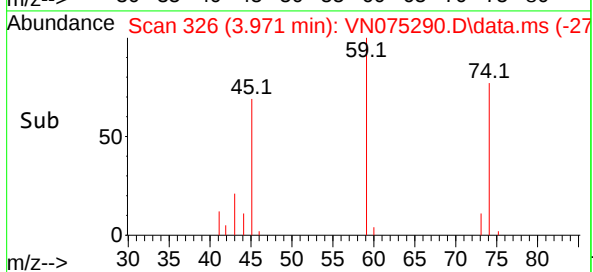
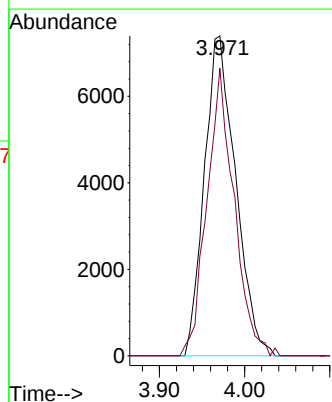
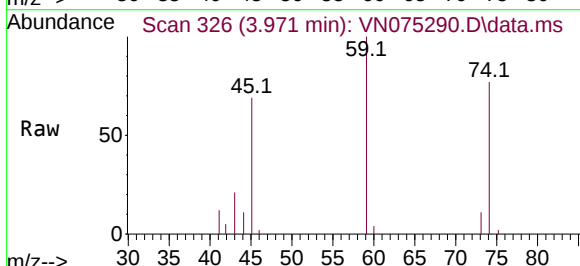
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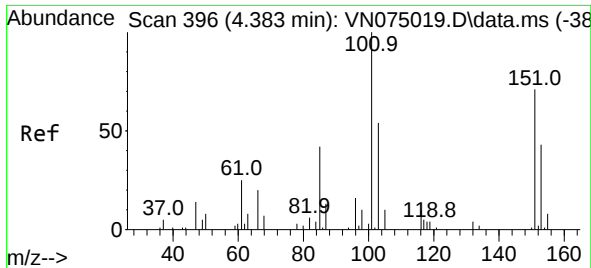
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#8
Diethyl Ether
Concen: 18.893 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 74 Resp: 18833
Ion Ratio Lower Upper
74 100
45 78.5 39.3 117.9





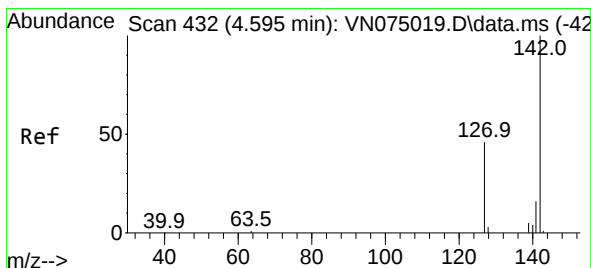
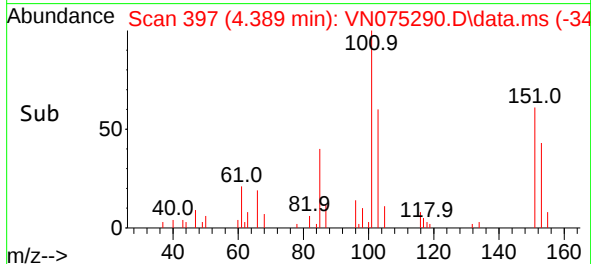
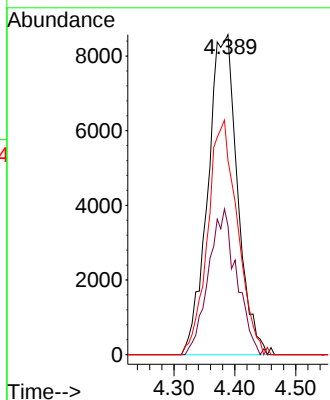
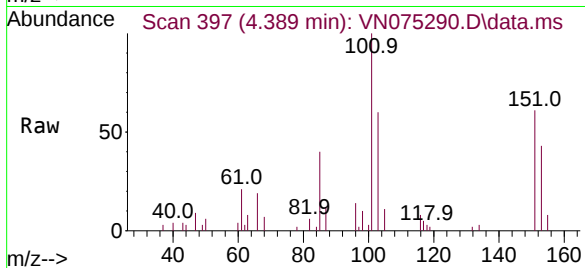
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.208 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:101 Resp: 28991
Ion Ratio Lower Upper
101 100
85 43.5 37.6 56.4
151 73.4 58.3 87.5

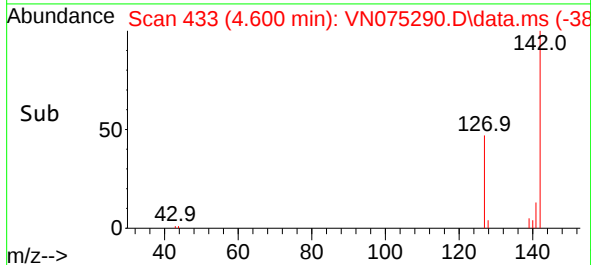
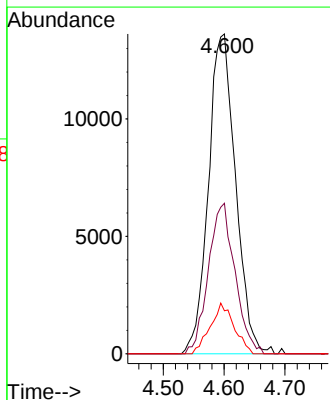
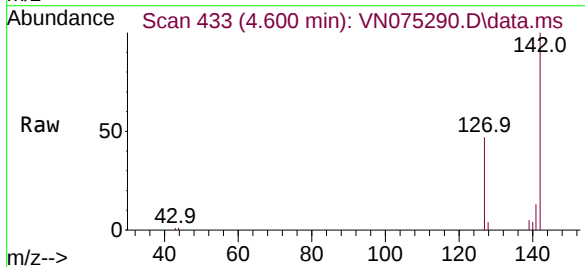
Manual Integrations
APPROVED

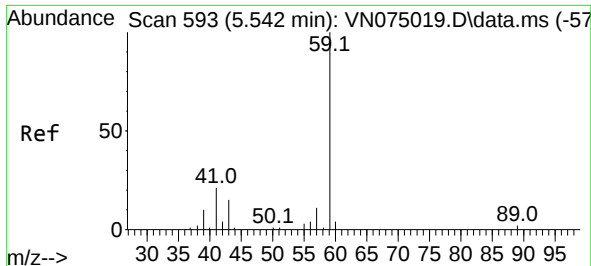
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 18.800 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

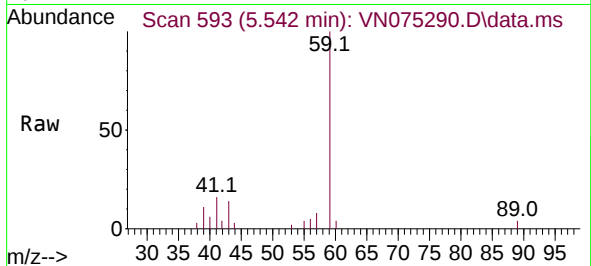
Tgt Ion:142 Resp: 42242
Ion Ratio Lower Upper
142 100
127 46.2 38.0 57.0
141 14.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 79.899 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

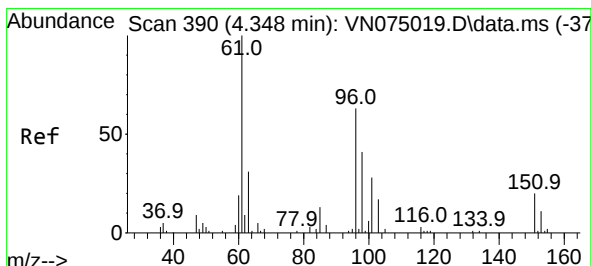
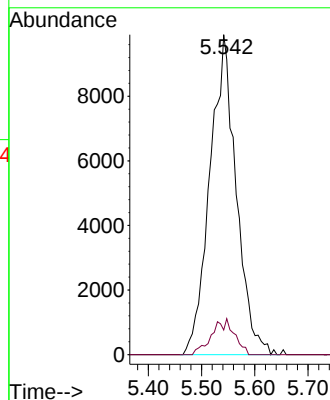
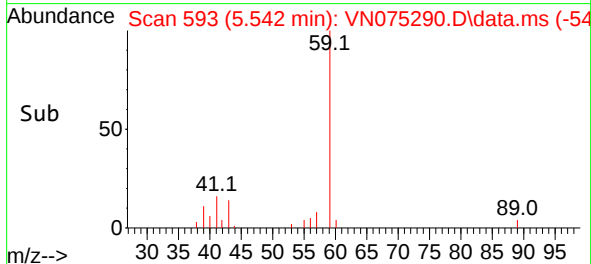
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



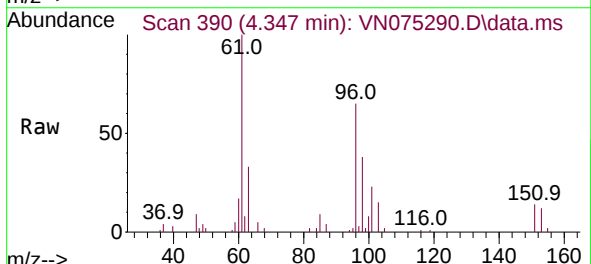
Tgt Ion: 59 Resp: 34073
Ion Ratio Lower Upper
59 100
57 5.5 8.5 12.7

Manual Integrations
APPROVED

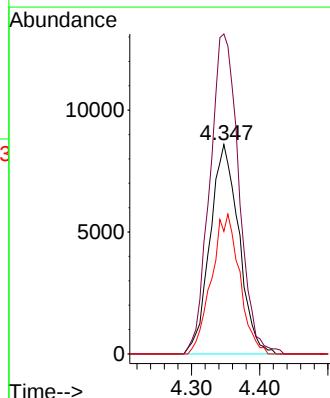
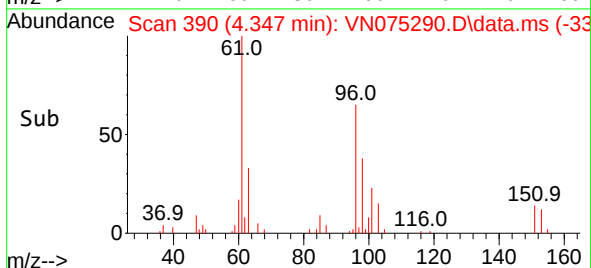
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

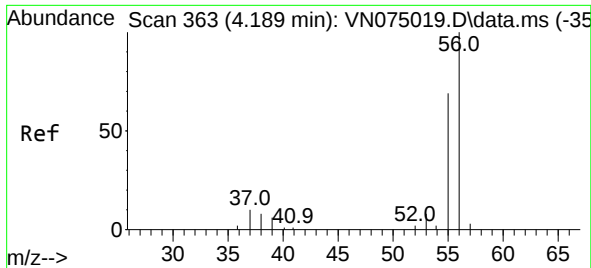


#12
1,1-Dichloroethene
Concen: 17.491 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



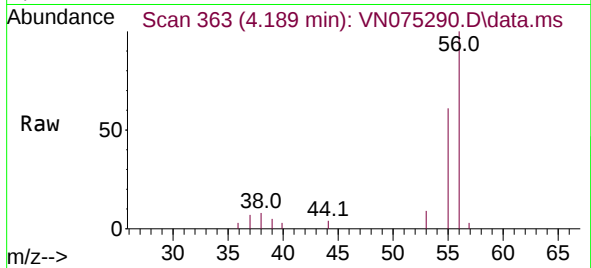
Tgt Ion: 96 Resp: 25163
Ion Ratio Lower Upper
96 100
61 152.8 126.2 189.4
98 58.5 51.5 77.3





#13
Acrolein
Concen: 45.652 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

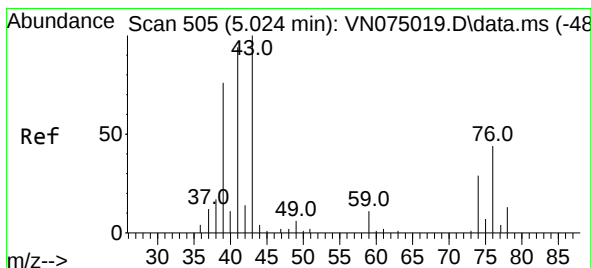
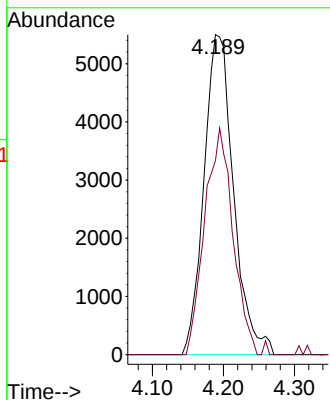
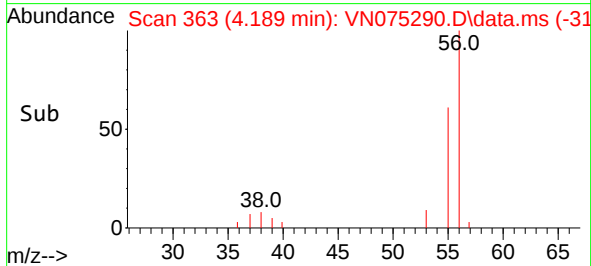
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



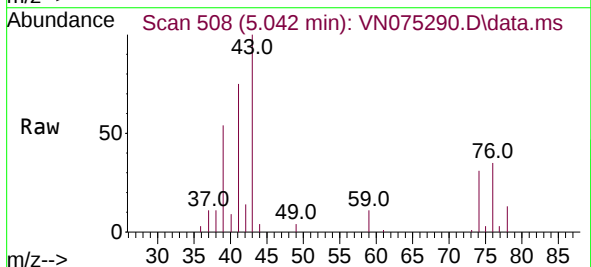
Tgt Ion: 56 Resp: 15924
Ion Ratio Lower Upper
56 100
55 67.6 55.2 82.8

Manual Integrations
APPROVED

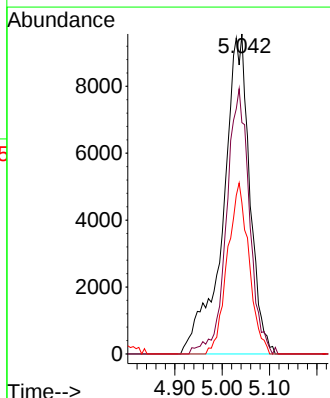
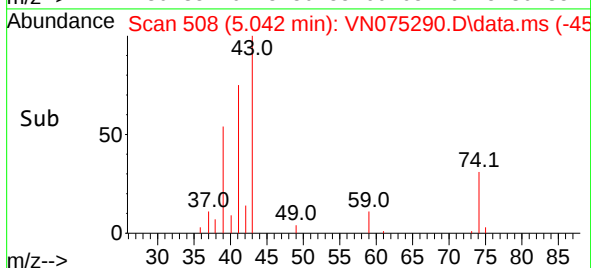
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

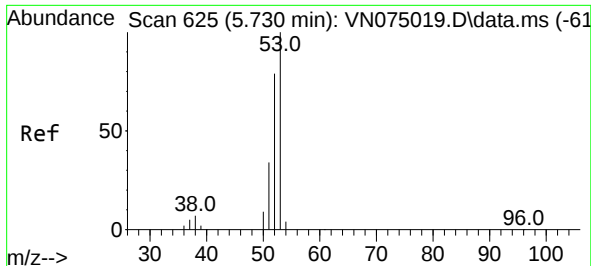


#14
Allyl chloride
Concen: 17.837 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.018 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



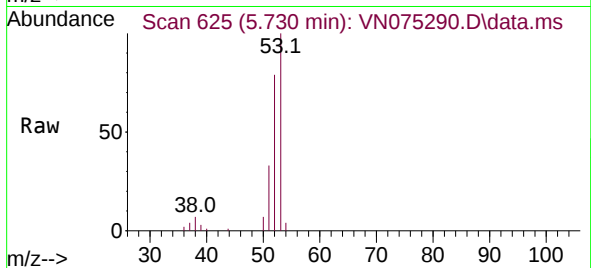
Tgt Ion: 41 Resp: 37479
Ion Ratio Lower Upper
41 100
39 70.9 61.0 91.4
76 43.0 33.4 50.0





#15
Acrylonitrile
Concen: 87.671 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

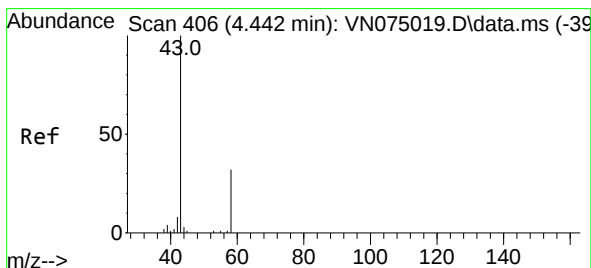
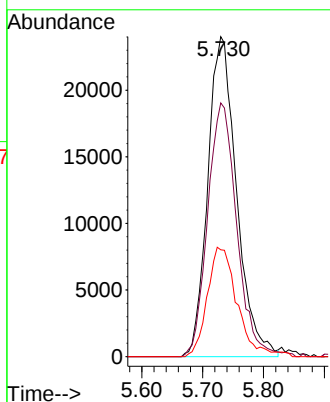
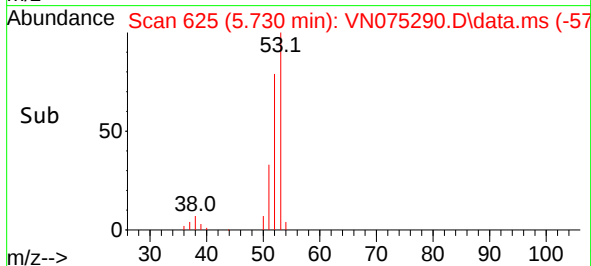
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 53 Resp: 78978
Ion Ratio Lower Upper
53 100
52 80.2 66.4 99.6
51 35.4 29.6 44.4

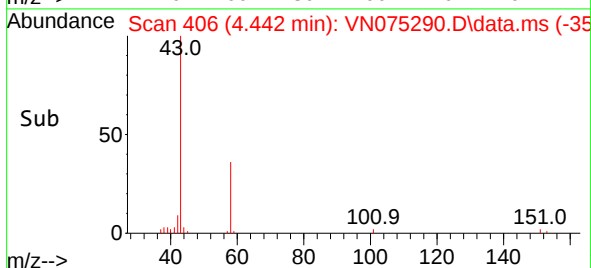
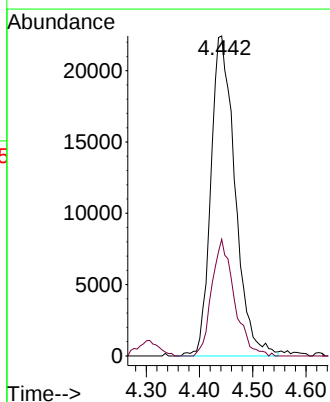
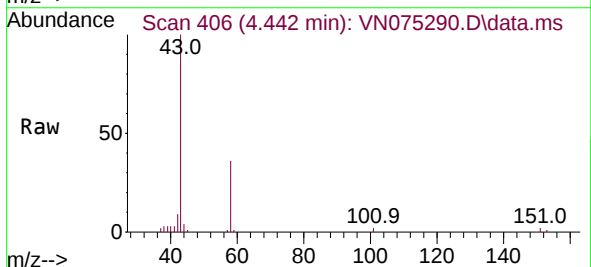
Manual Integrations
APPROVED

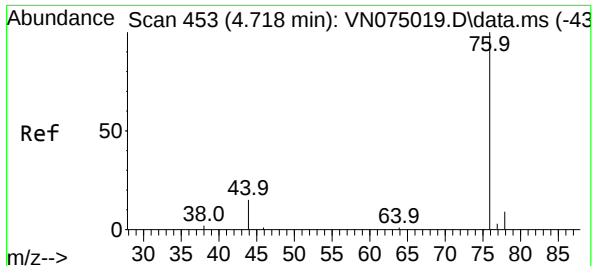
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Acetone
Concen: 91.456 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

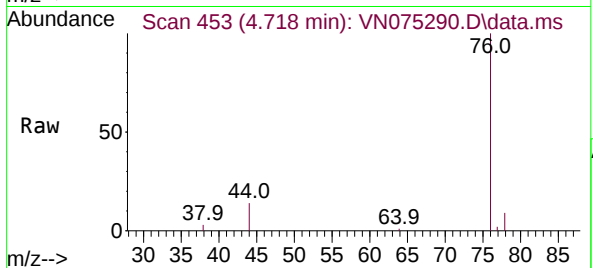
Tgt Ion: 43 Resp: 70814
Ion Ratio Lower Upper
43 100
58 36.4 25.5 38.3





#17
Carbon Disulfide
Concen: 16.663 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

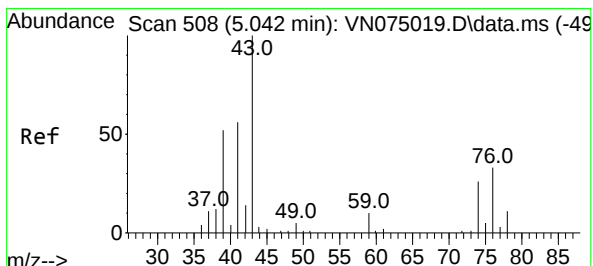
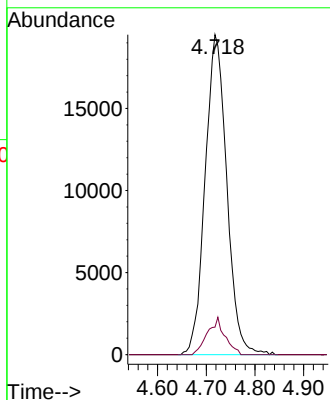
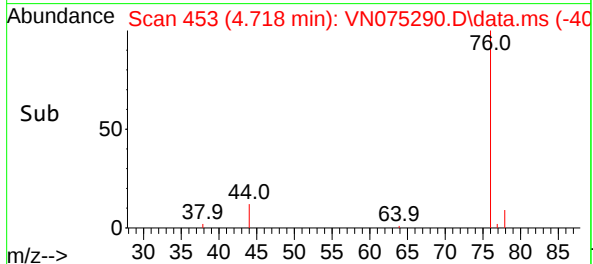
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



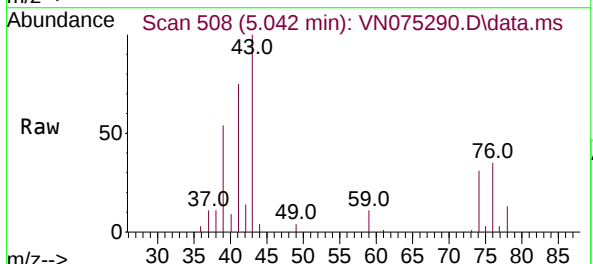
Tgt Ion: 76 Resp: 60285
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

Manual Integrations
APPROVED

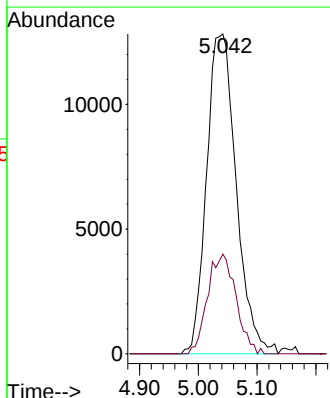
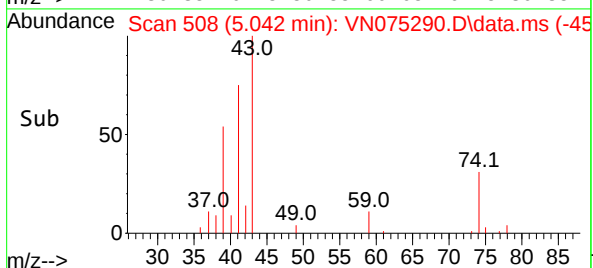
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

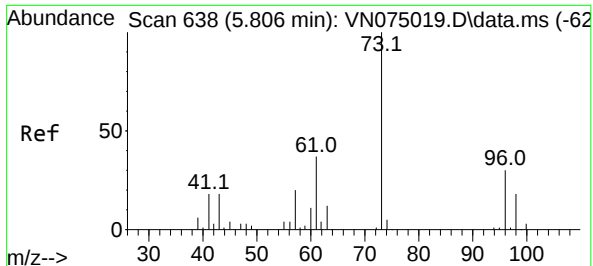


#18
Methyl Acetate
Concen: 17.776 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion: 43 Resp: 44959
Ion Ratio Lower Upper
43 100
74 29.8 22.0 33.0





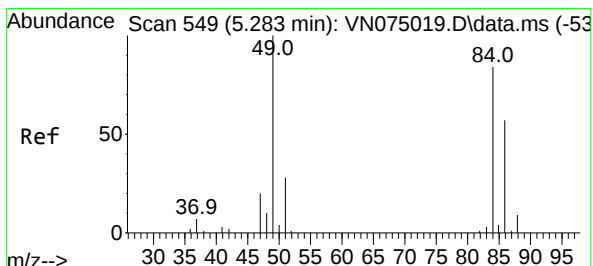
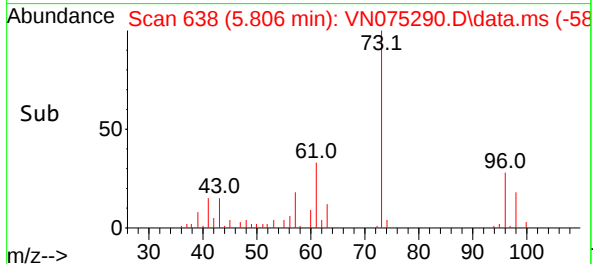
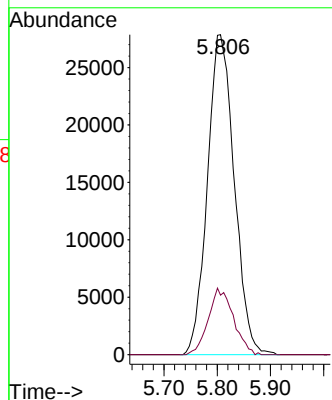
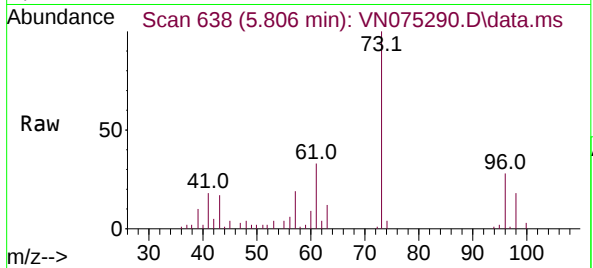
#19
Methyl tert-butyl Ether
Concen: 18.260 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 73 Resp: 97638
Ion Ratio Lower Upper
73 100
57 18.6 16.3 24.5

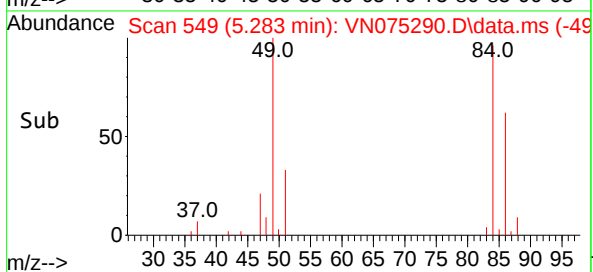
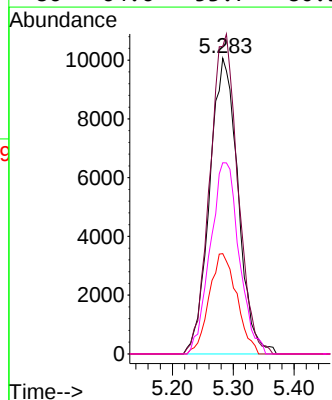
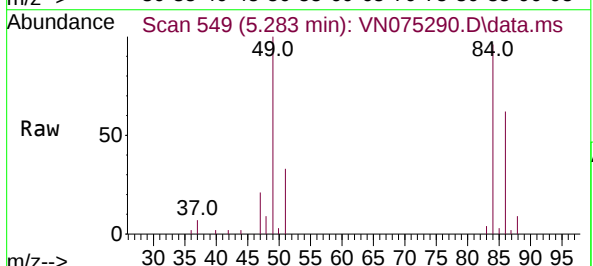
Manual Integrations
APPROVED

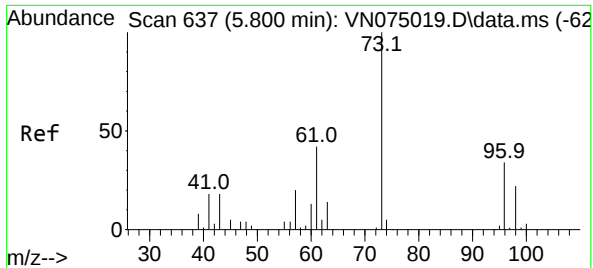
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 18.891 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 84 Resp: 32614
Ion Ratio Lower Upper
84 100
49 104.0 94.9 142.3
51 33.9 26.8 40.2
86 64.6 53.7 80.5





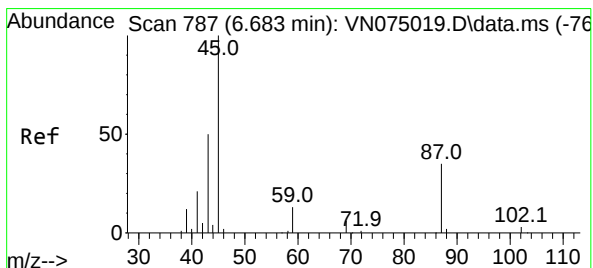
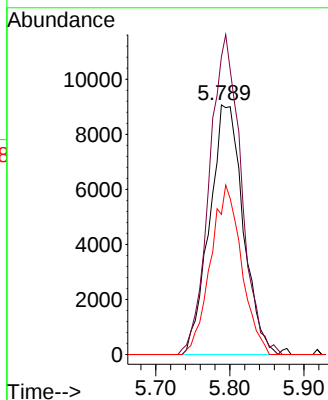
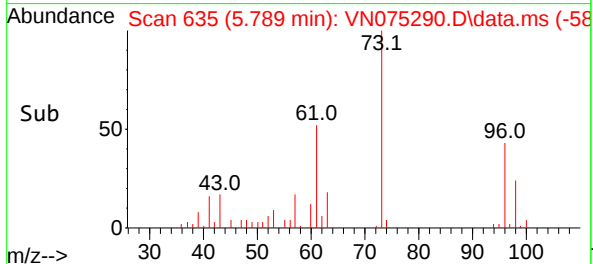
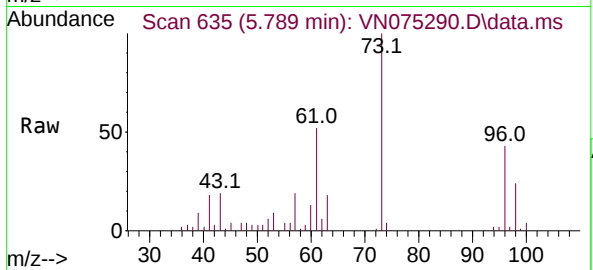
#21
trans-1,2-Dichloroethene
Concen: 18.125 ug/l
RT: 5.789 min Scan# 637
Delta R.T. -0.011 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 96 Resp: 2855
Ion Ratio Lower Upper
96 100
61 119.3 99.9 149.9
98 56.1 51.5 77.3

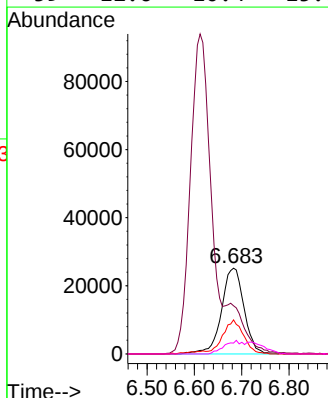
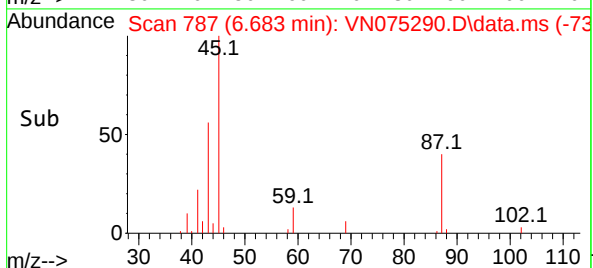
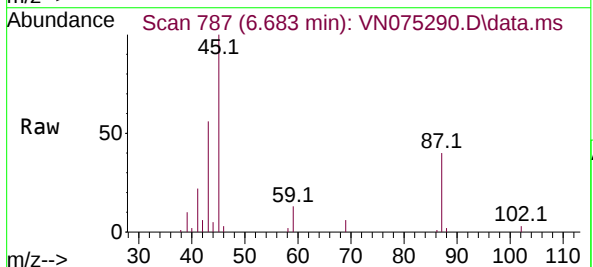
Manual Integrations
APPROVED

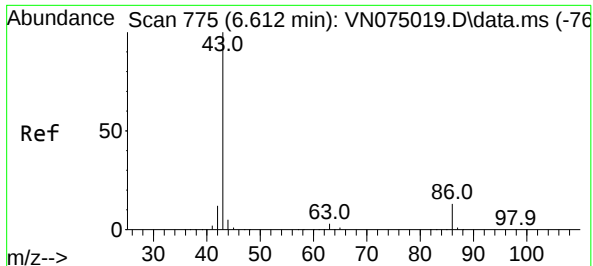
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#22
Diisopropyl ether
Concen: 17.936 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

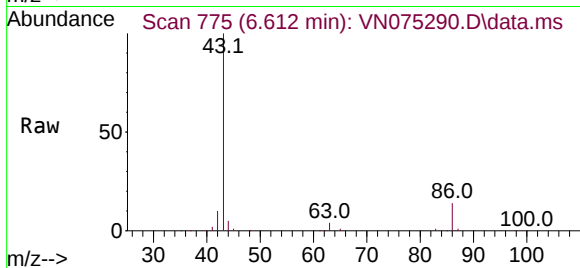
Tgt Ion: 45 Resp: 83166
Ion Ratio Lower Upper
45 100
43 54.5 42.8 64.2
87 39.7 28.4 42.6
59 12.6 10.4 15.6





#23
 Vinyl Acetate
 Concen: 82.932 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03

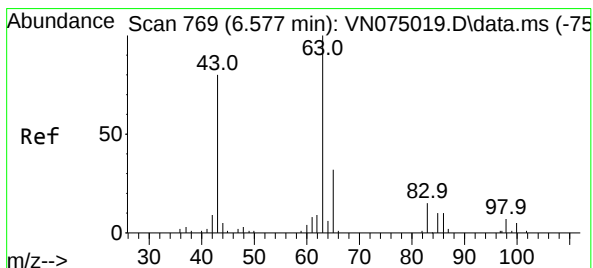
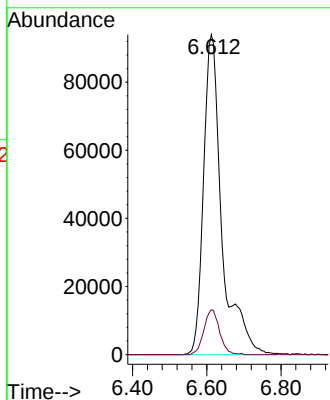
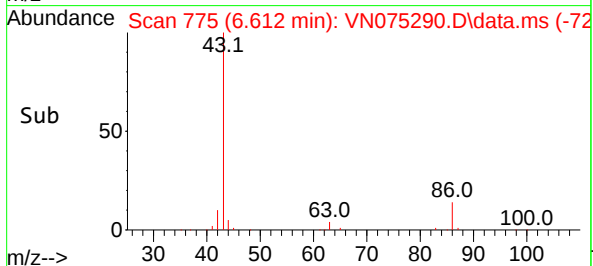
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01



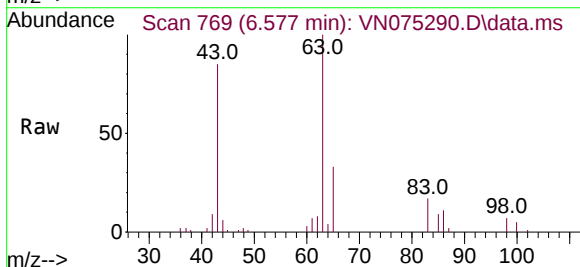
Tgt Ion: 43 Resp: 321120
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

Manual Integrations
 APPROVED

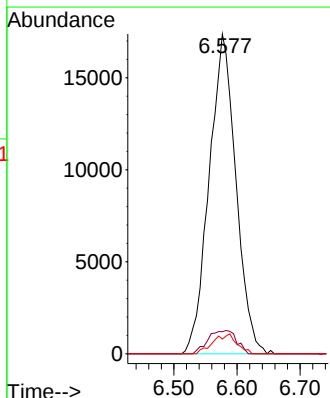
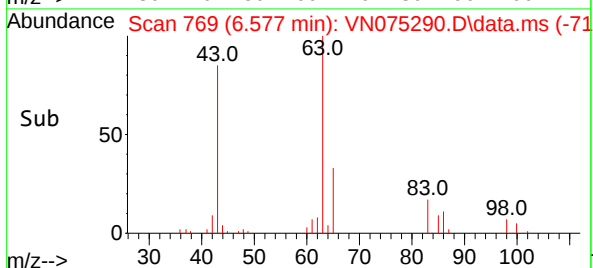
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

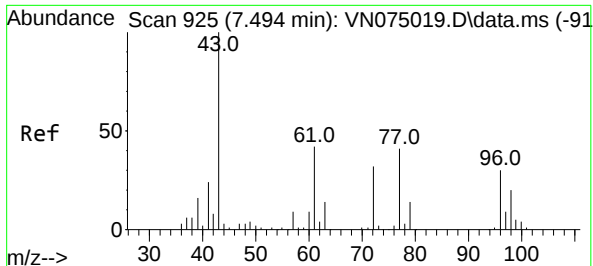


#24
 1,1-Dichloroethane
 Concen: 17.469 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03



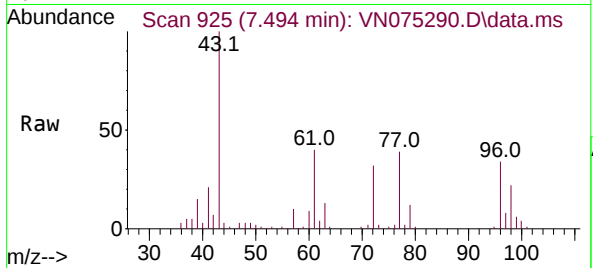
Tgt Ion: 63 Resp: 51231
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 85.803 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

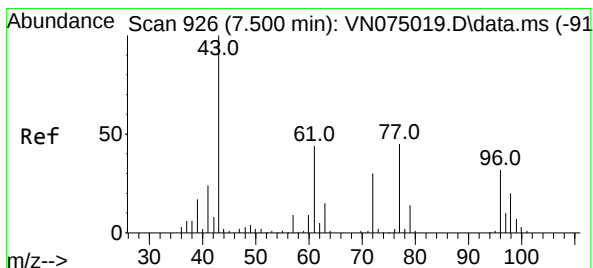
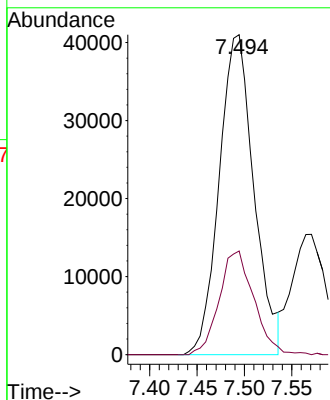
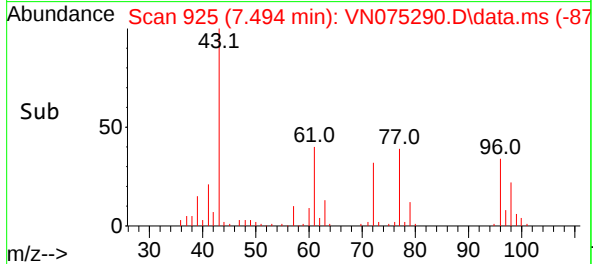
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 43 Resp: 104499
Ion Ratio Lower Upper
43 100
72 32.4 25.5 38.3

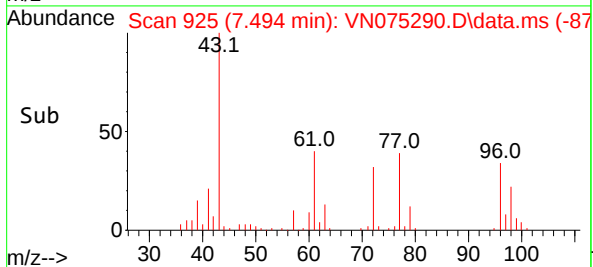
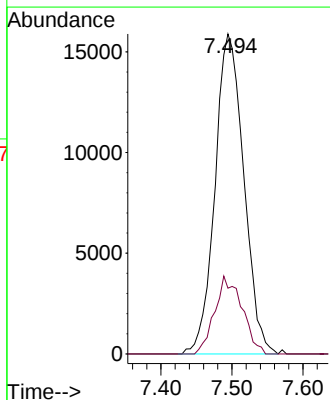
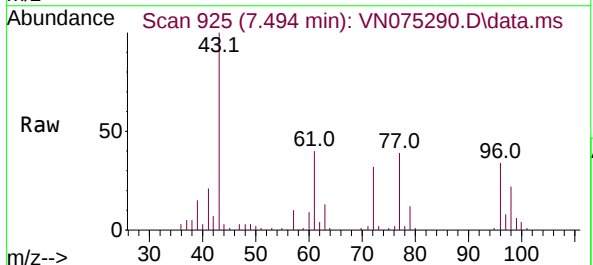
Manual Integrations
APPROVED

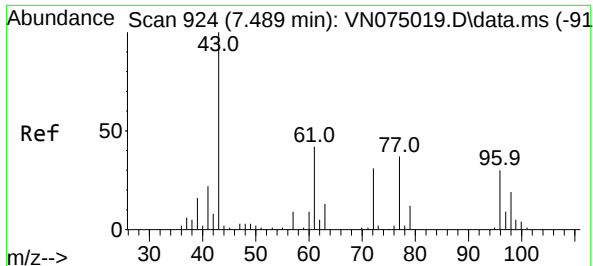
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#26
2,2-Dichloropropane
Concen: 16.590 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

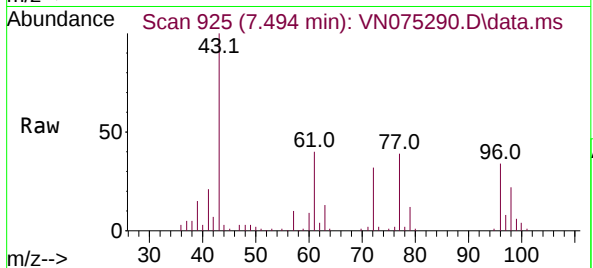
Tgt Ion: 77 Resp: 44758
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.816 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

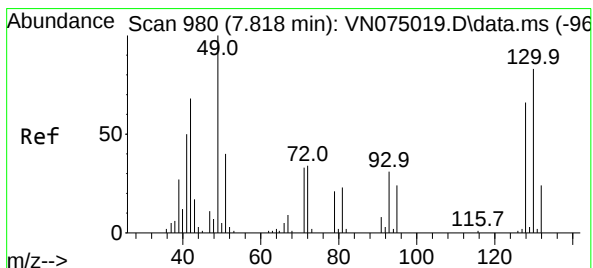
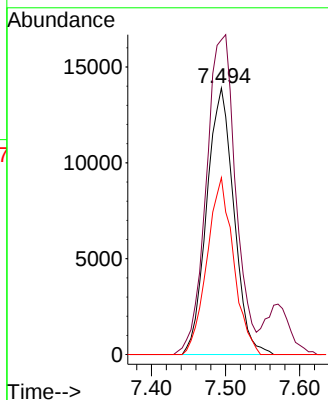
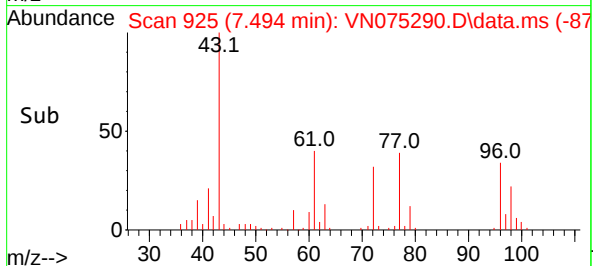
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 96 Resp: 35394
Ion Ratio Lower Upper
96 100
61 130.0 0.0 278.8
98 64.7 0.0 128.4

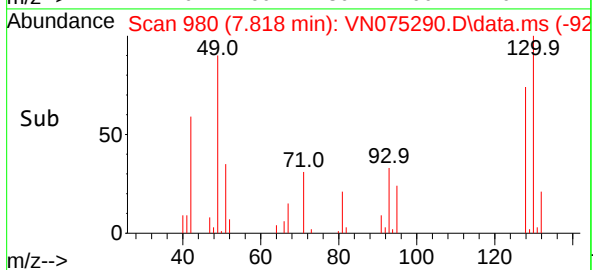
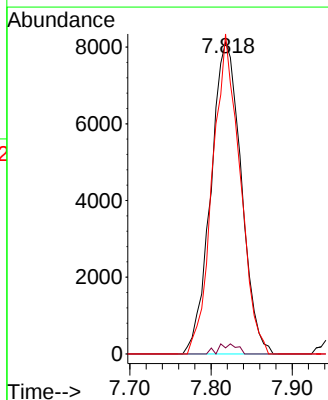
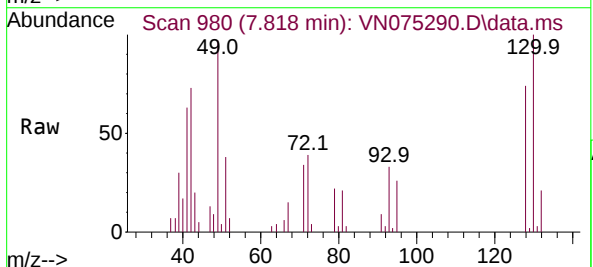
Manual Integrations
APPROVED

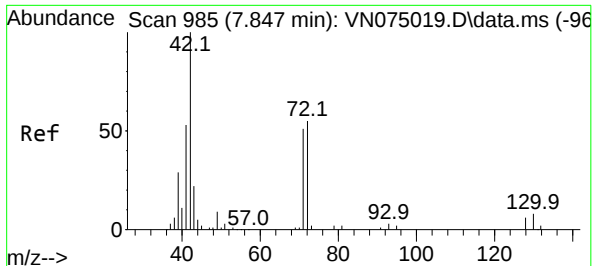
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#28
Bromochloromethane
Concen: 17.045 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

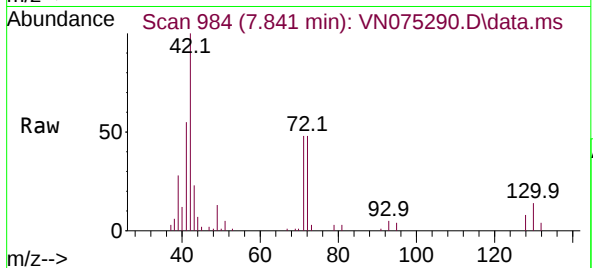
Tgt Ion: 49 Resp: 21072
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 92.8 66.2 99.4





#29
Tetrahydrofuran
Concen: 83.254 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

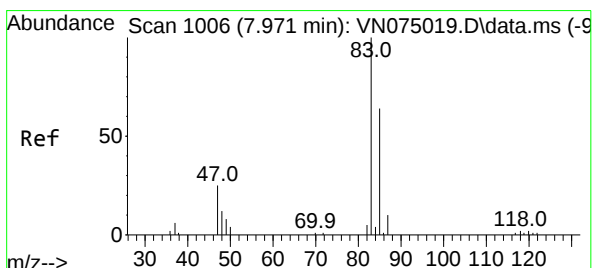
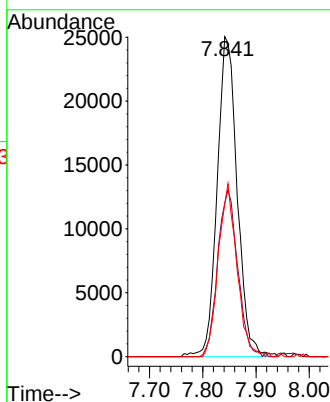
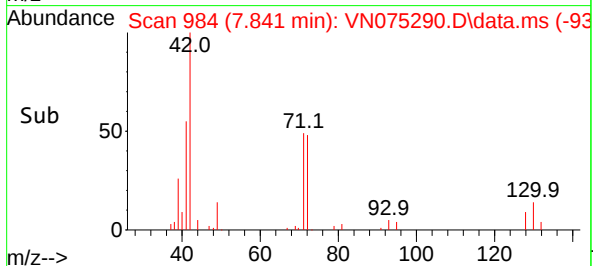
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



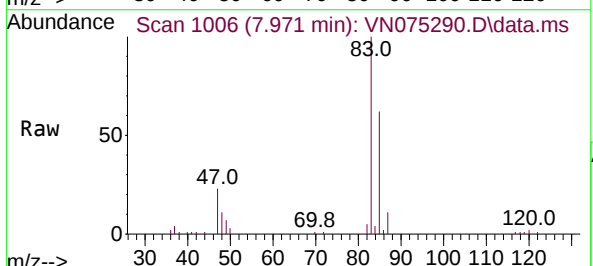
Tgt Ion: 42 Resp: 65520
Ion Ratio Lower Upper
42 100
72 52.1 43.0 64.6
71 49.9 39.9 59.9

Manual Integrations
APPROVED

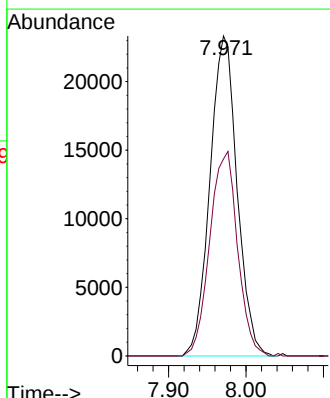
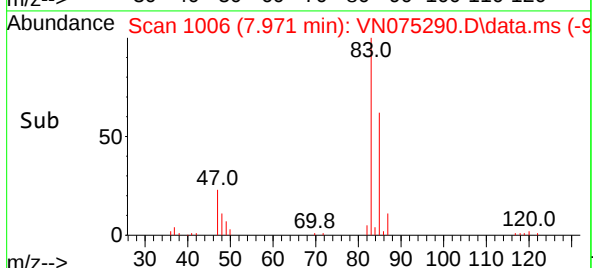
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

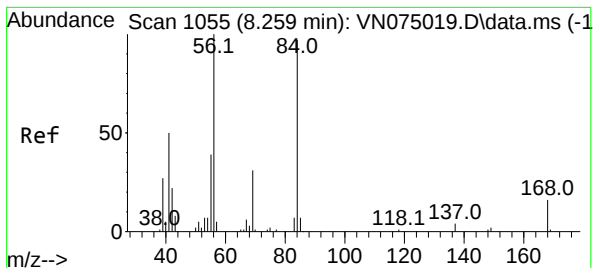


#30
Chloroform
Concen: 17.862 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion: 83 Resp: 56875
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.0





#31

Cyclohexane

Concen: 16.619 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

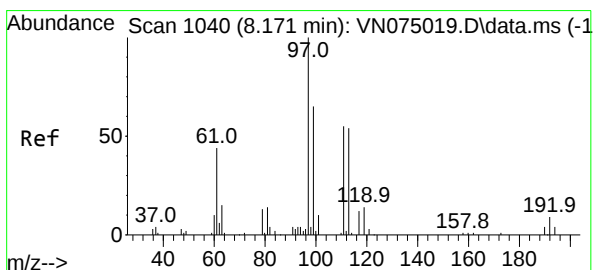
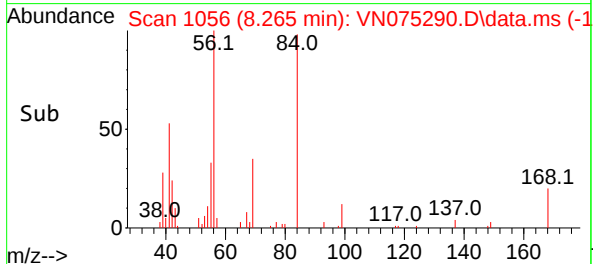
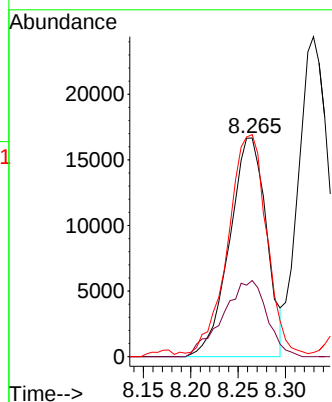
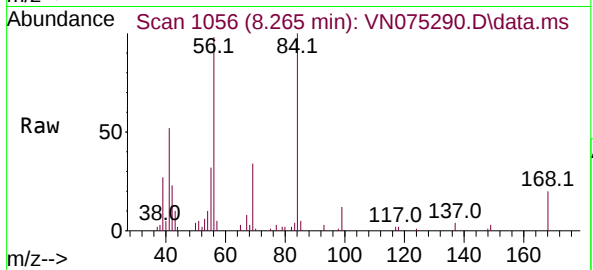
Tgt Ion: 56 Resp: 45198
 Ion Ratio Lower Upper
 56 100
 69 34.8 25.2 37.8
 84 99.6 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#32

1,1,1-Trichloroethane

Concen: 17.758 ug/l

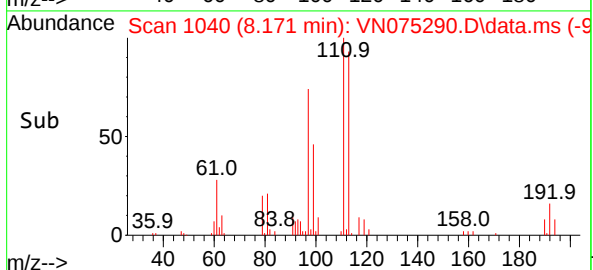
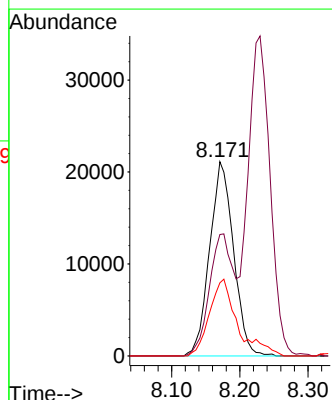
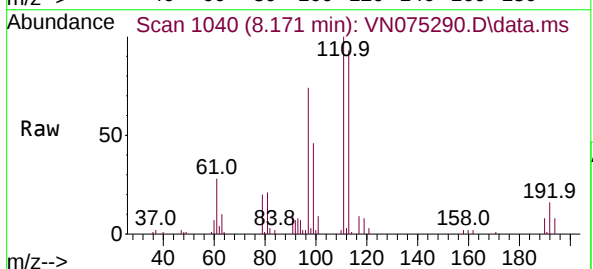
RT: 8.171 min Scan# 1040

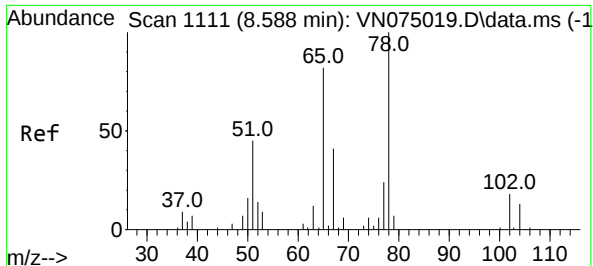
Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Tgt Ion: 97 Resp: 51346
 Ion Ratio Lower Upper
 97 100
 99 62.0 50.2 75.2
 61 46.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 40.225 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 65 Resp: 73558

Ion Ratio Lower Upper

65 100

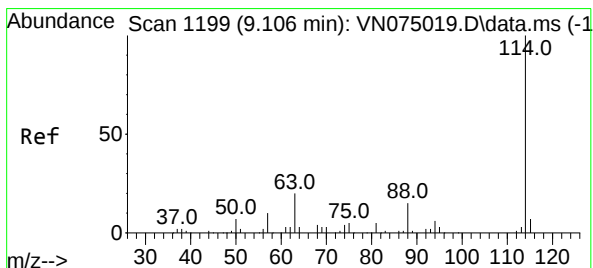
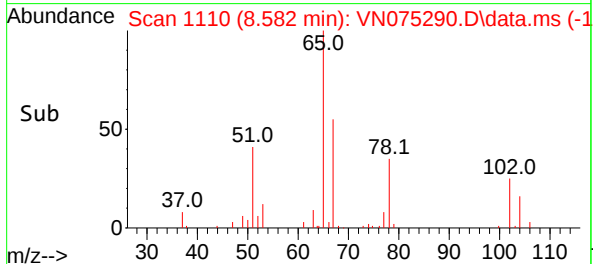
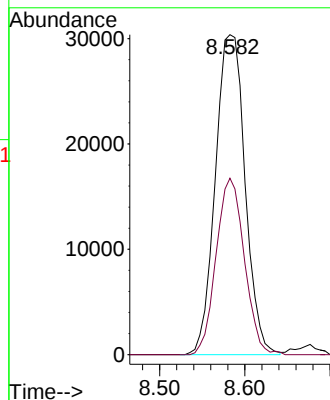
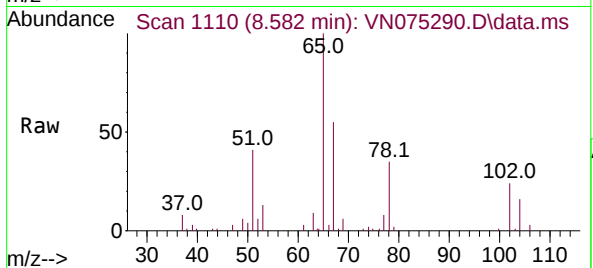
67 52.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

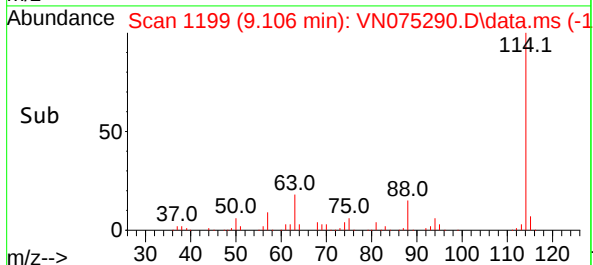
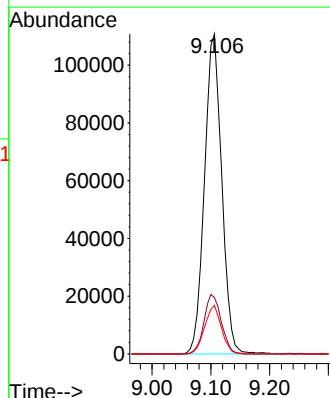
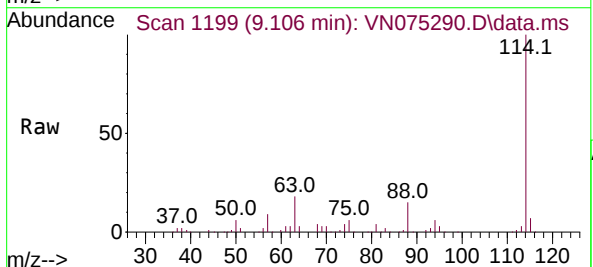
Tgt Ion:114 Resp: 226075

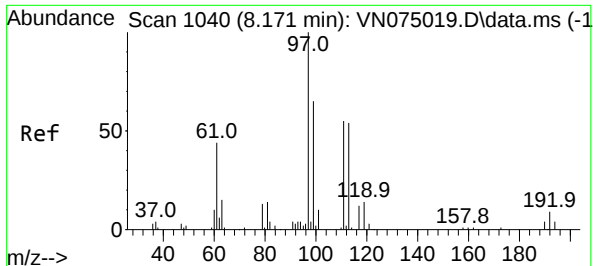
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 113 Resp: 66092

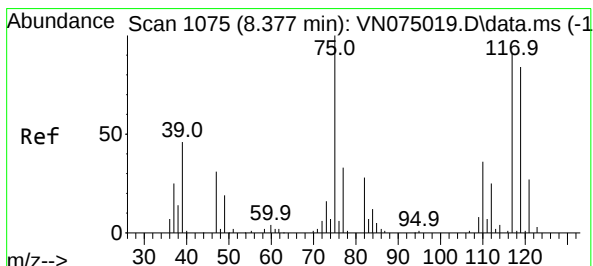
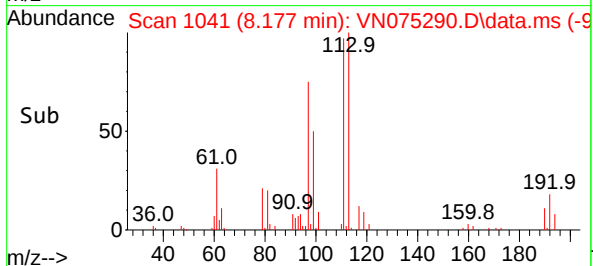
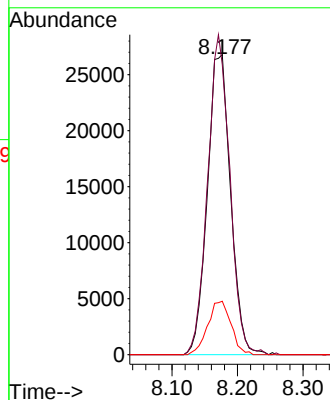
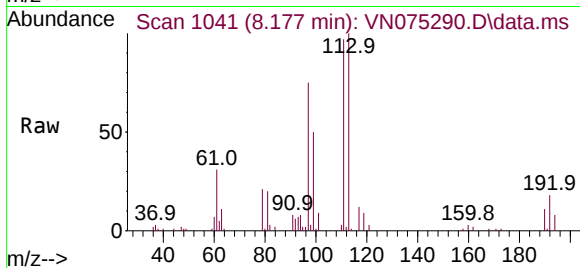
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.5	120.7
192	17.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/17/2022

Supervised By : Mahesh Dadoda 11/17/2022



#36

1,1-Dichloropropene

Concen: 19.674 ug/l

RT: 8.371 min Scan# 1074

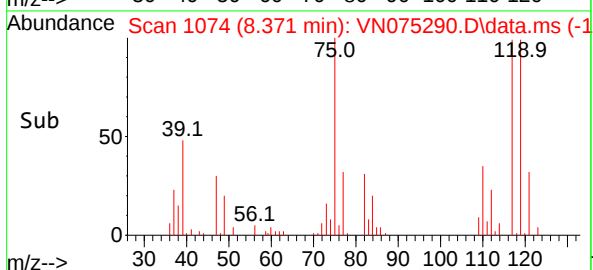
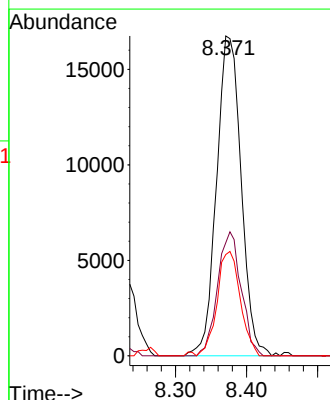
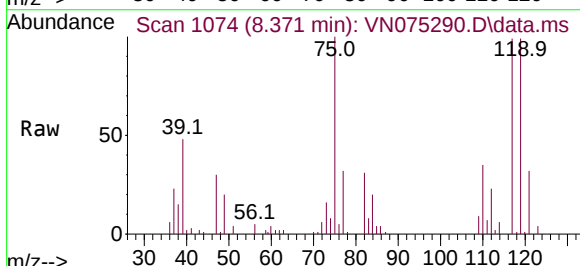
Delta R.T. -0.006 min

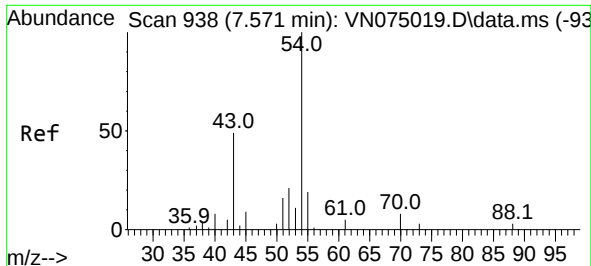
Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Tgt Ion: 75 Resp: 40424

Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.8	53.3
77	30.8	24.6	37.0





#37

Ethyl Acetate

Concen: 18.068 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 43 Resp: 40713

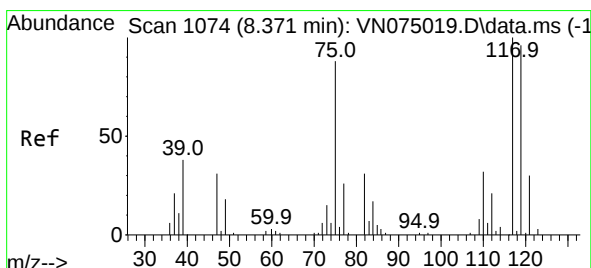
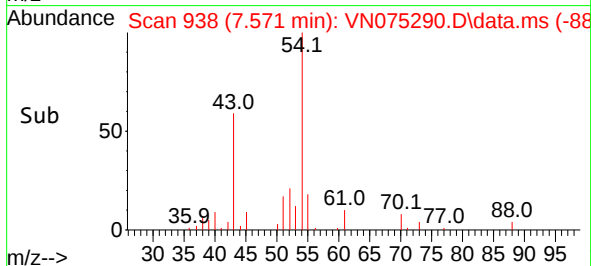
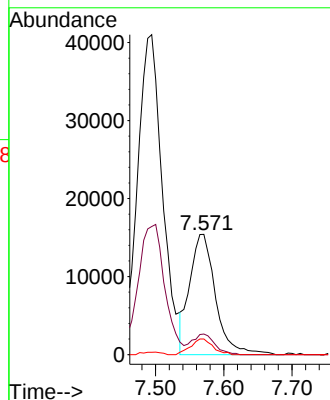
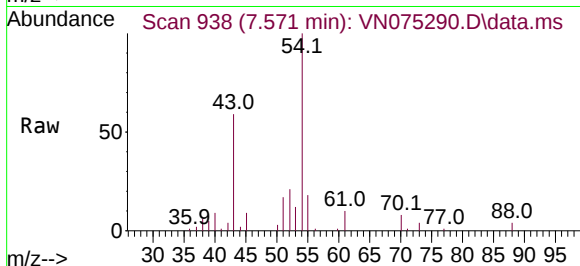
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.4
70	11.1	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#38

Carbon Tetrachloride

Concen: 19.662 ug/l

RT: 8.365 min Scan# 1073

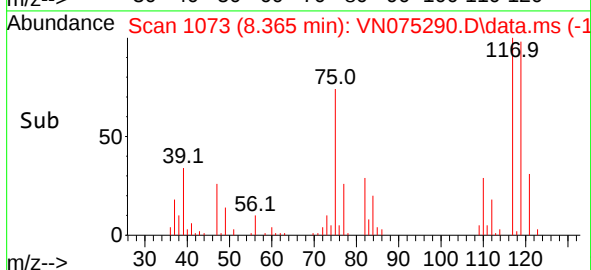
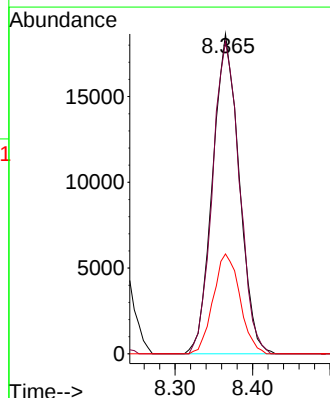
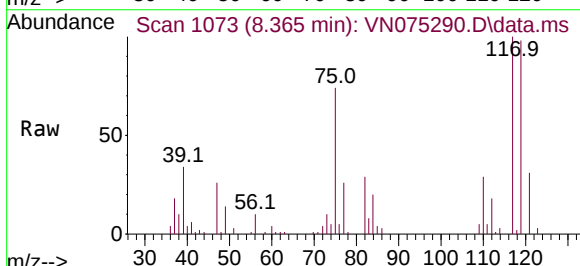
Delta R.T. -0.006 min

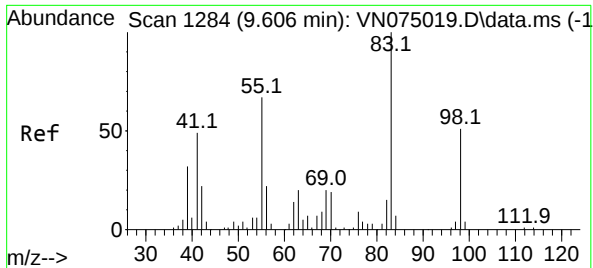
Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Tgt Ion: 117 Resp: 44440

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.7	115.1
121	31.2	23.9	35.9





#39
Methylcyclohexane
Concen: 19.227 ug/l
RT: 9.606 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

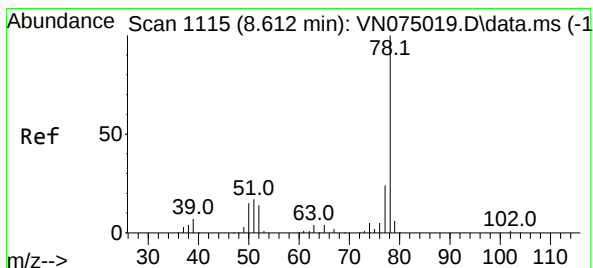
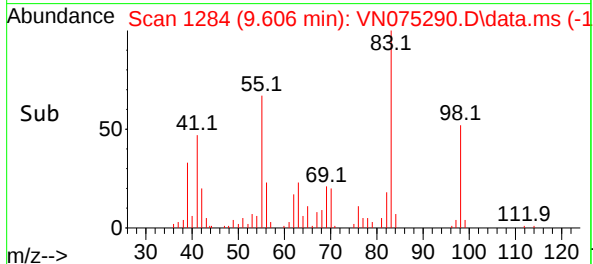
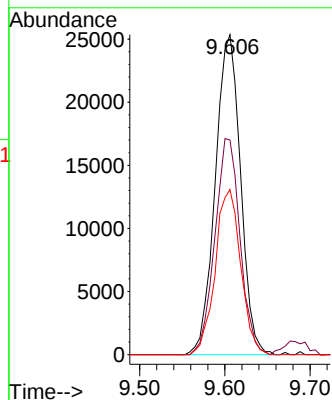
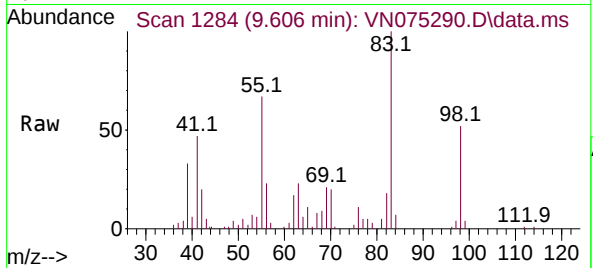
Tgt Ion: 83 Resp: 52154
Ion Ratio Lower Upper
83 100
55 67.1 53.6 80.4
98 51.6 41.1 61.7

Manual Integrations

APPROVED

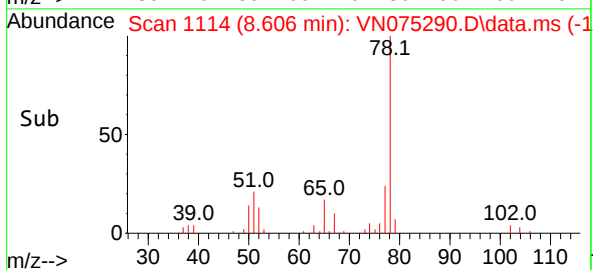
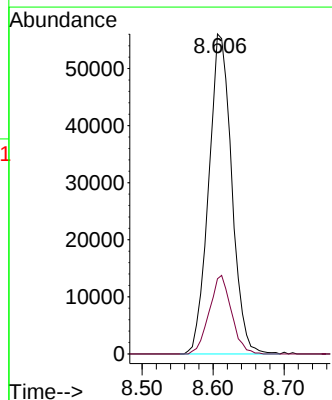
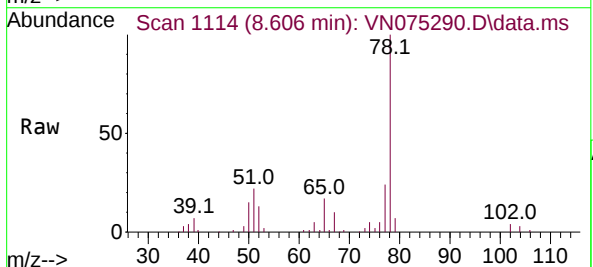
Reviewed By :John Carlone 11/17/2022

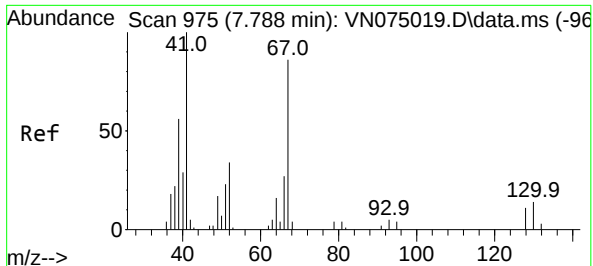
Supervised By :Mahesh Dadoda 11/17/2022



#40
Benzene
Concen: 20.037 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 78 Resp: 126058
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 19.455 ug/l
RT: 7.788 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

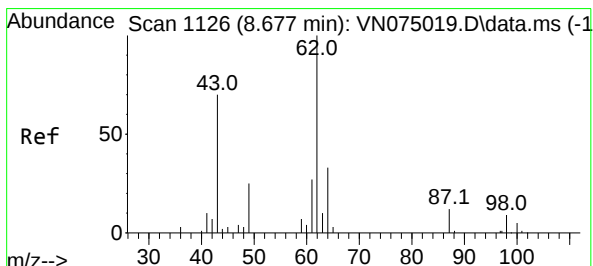
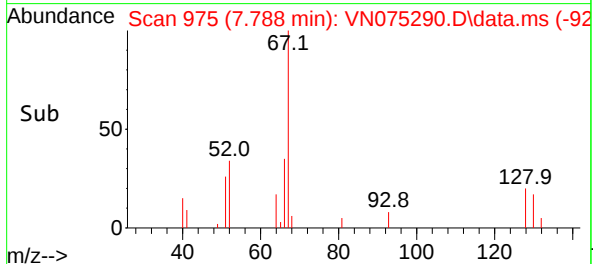
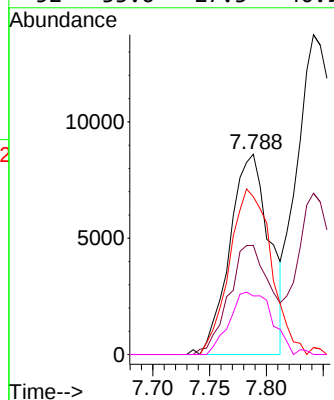
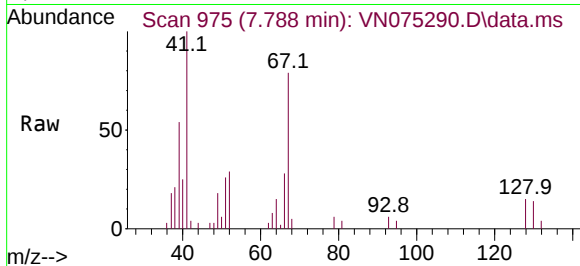
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 41 Resp: 21003

Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.4	66.6
67	86.6	69.8	104.6
52	33.6	27.3	40.9

Manual Integrations
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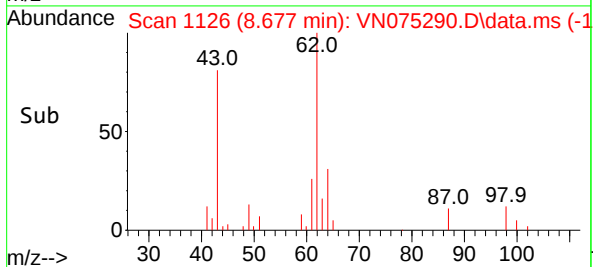
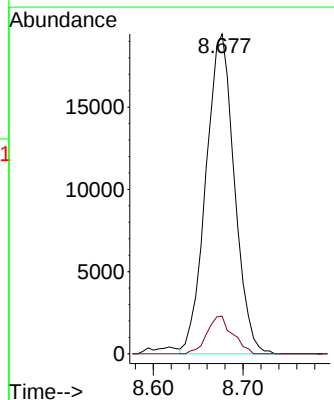
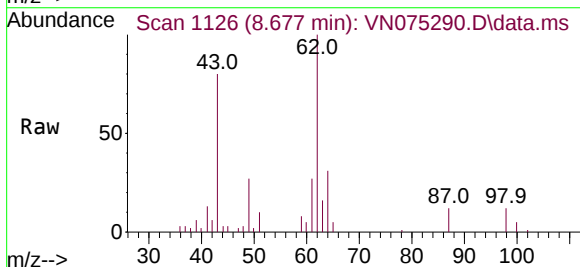
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

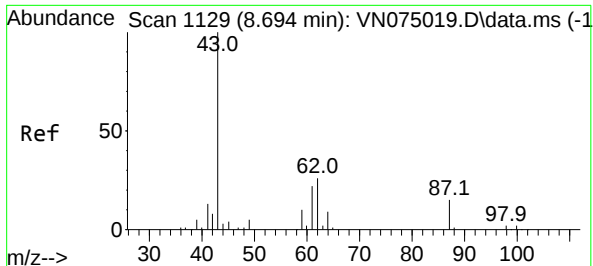


#42
1,2-Dichloroethane
Concen: 18.828 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 62 Resp: 43095

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.2





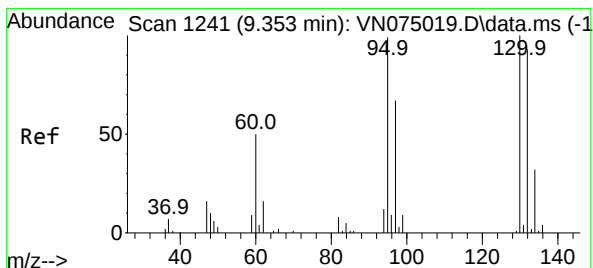
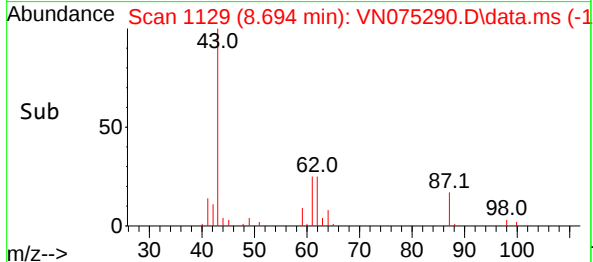
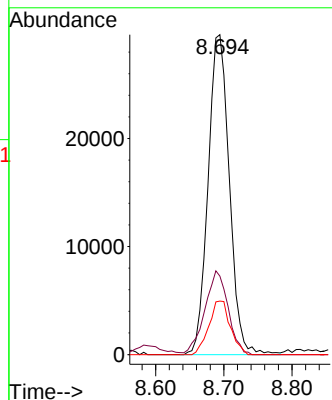
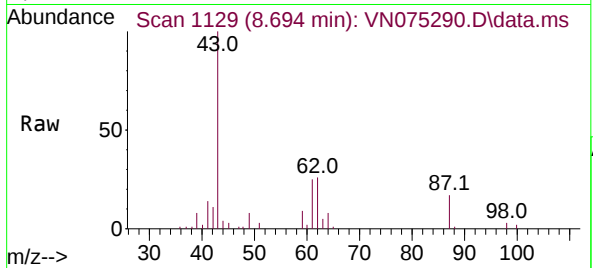
#43
Isopropyl Acetate
Concen: 18.340 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 64104
Ion Ratio Lower Upper
43 100
61 28.5 22.4 33.6
87 16.9 12.5 18.7

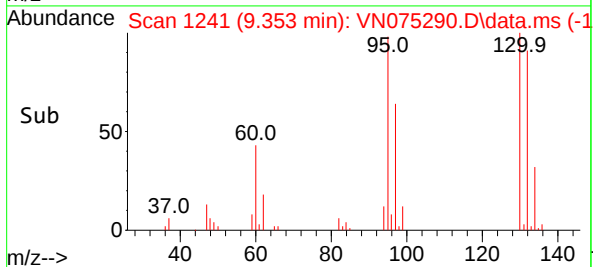
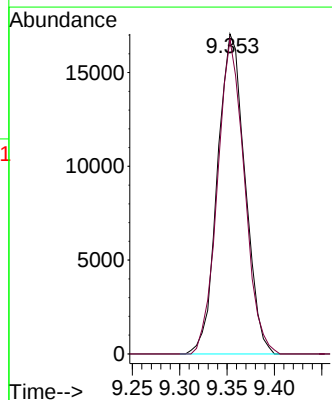
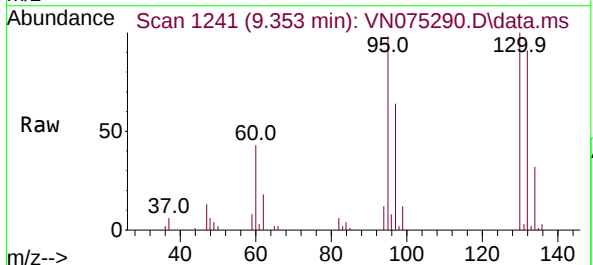
Manual Integrations
APPROVED

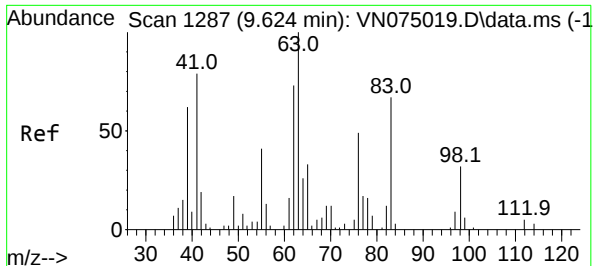
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#44
Trichloroethene
Concen: 21.851 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion:130 Resp: 34489
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.744 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 63 Resp: 3105

Ion Ratio Lower Upper

63 100

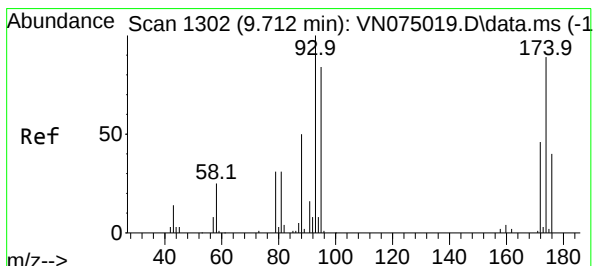
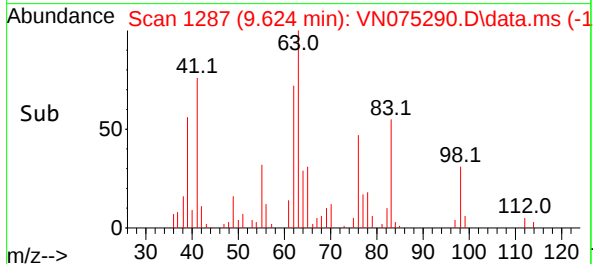
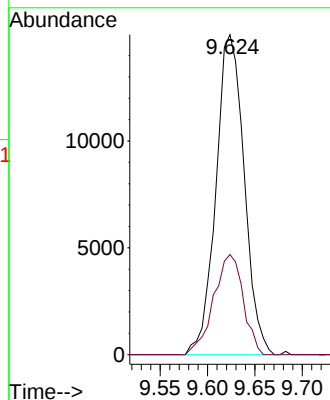
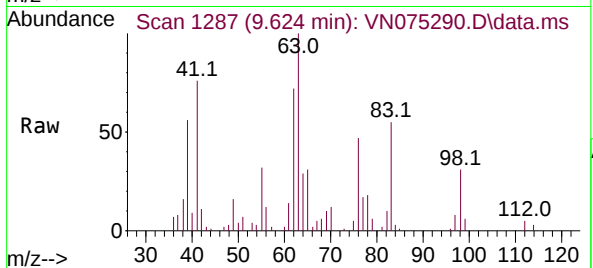
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#46

Dibromomethane

Concen: 20.250 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

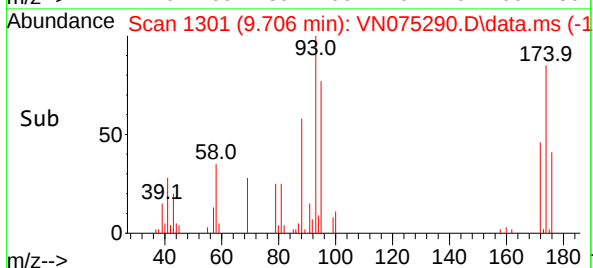
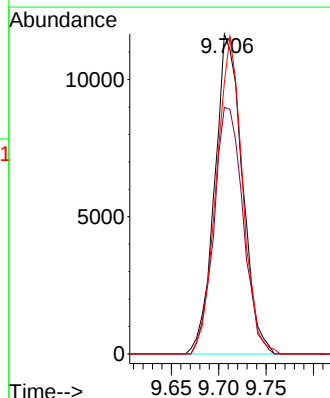
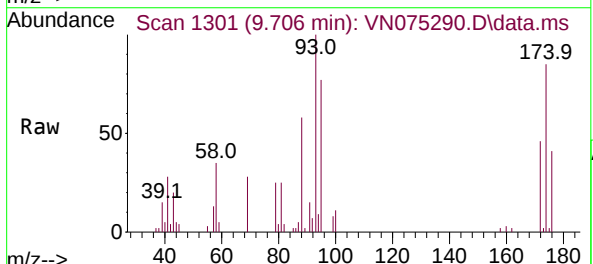
Tgt Ion: 93 Resp: 23620

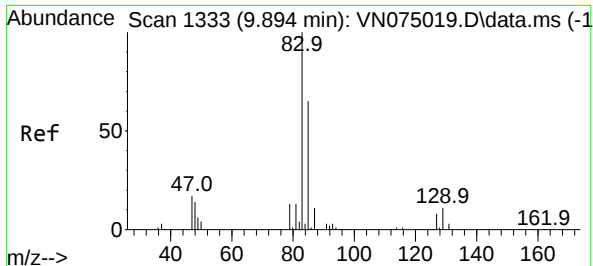
Ion Ratio Lower Upper

93 100

95 81.0 66.6 99.8

174 93.9 70.3 105.5





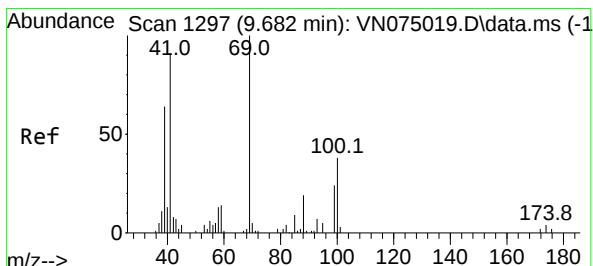
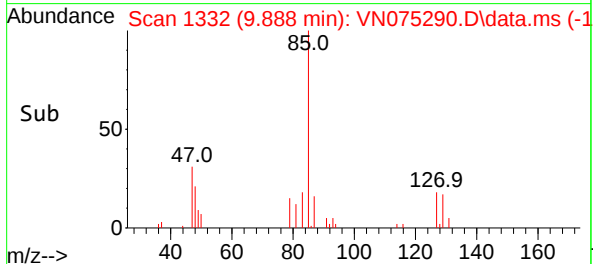
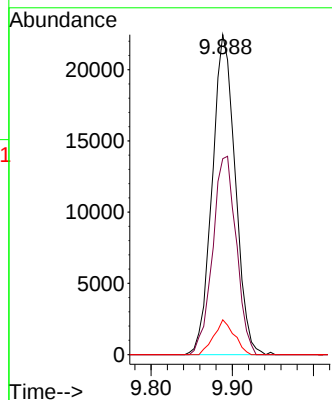
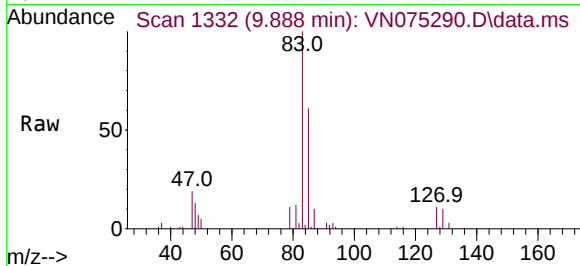
#47
Bromodichloromethane
Concen: 19.592 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
Client Sample Id :
VN1116WBSD01

Tgt Ion: 83 Resp: 44255
Ion Ratio Lower Upper
83 100
85 61.2 52.1 78.1
127 10.9 6.6 10.0

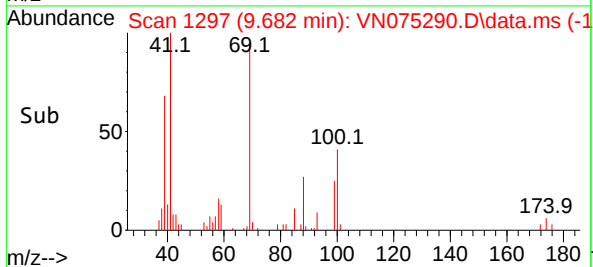
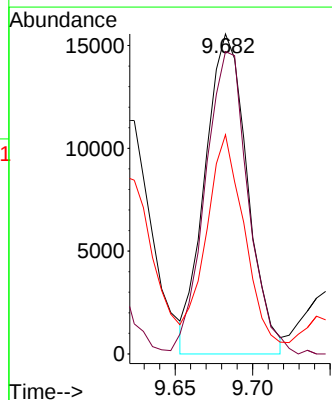
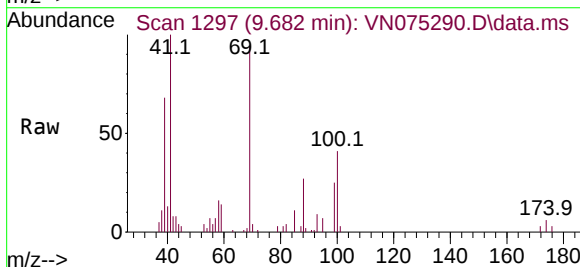
Manual Integrations
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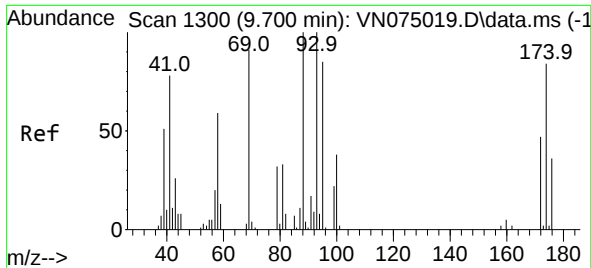
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#48
Methyl methacrylate
Concen: 18.459 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 41 Resp: 29595
Ion Ratio Lower Upper
41 100
69 96.1 80.2 120.2
39 64.4 56.2 84.2





#49

1,4-Dioxane

Concen: 420.033 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 88 Resp: 17635

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

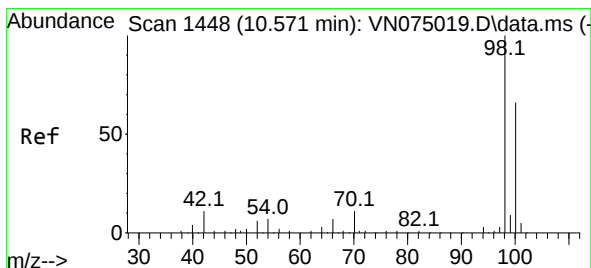
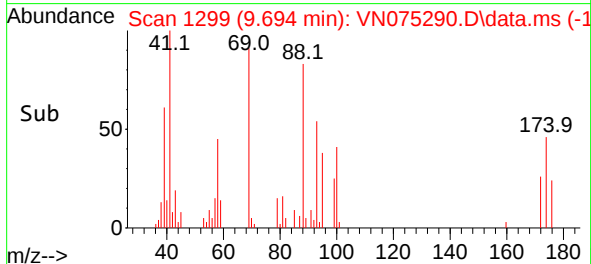
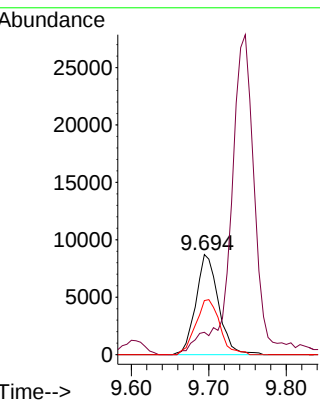
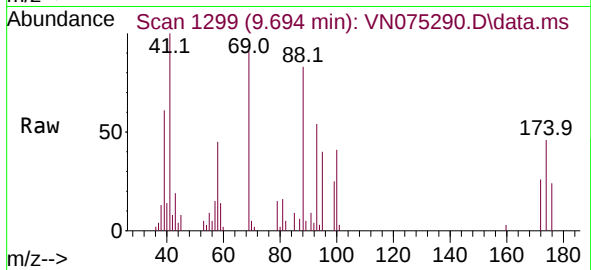
58 58.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 45.272 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075290.D

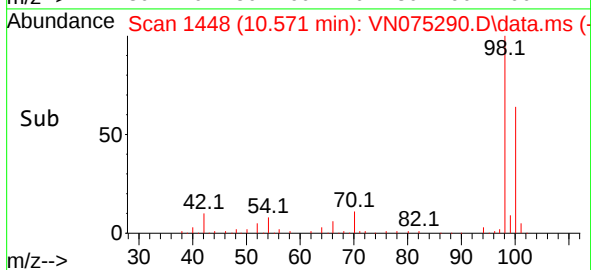
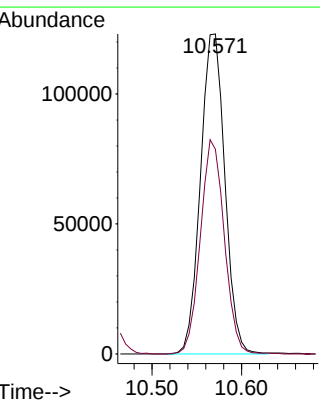
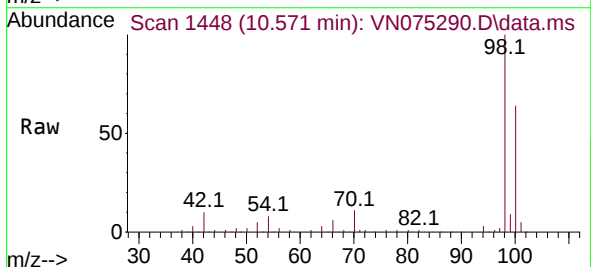
Acq: 16 Nov 2022 16:03

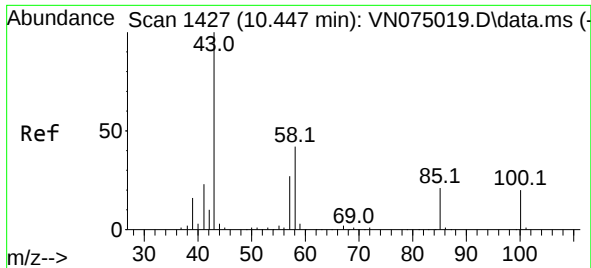
Tgt Ion: 98 Resp: 233109

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





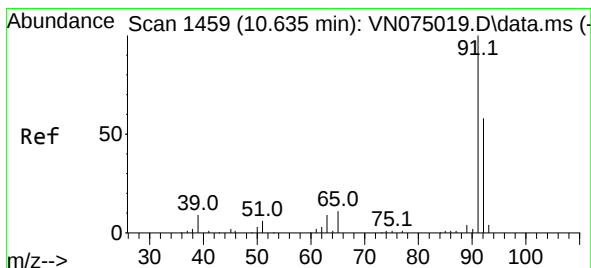
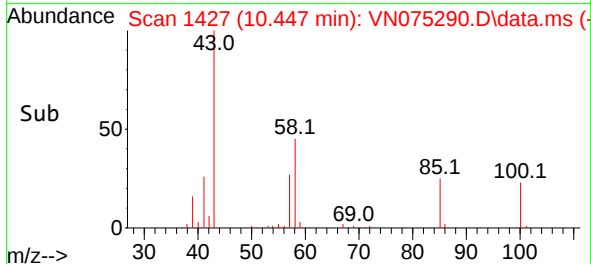
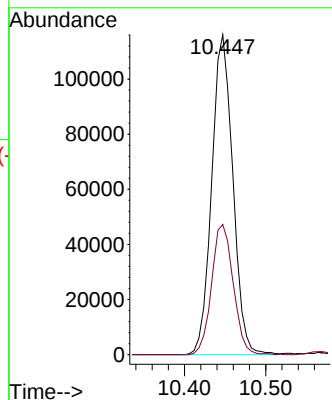
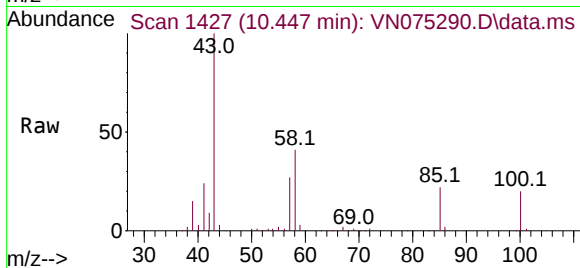
#51
4-Methyl-2-Pentanone
Concen: 93.003 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 209762
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4

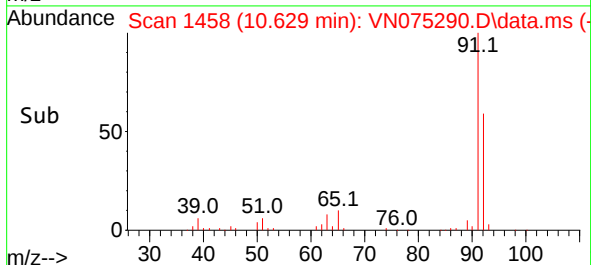
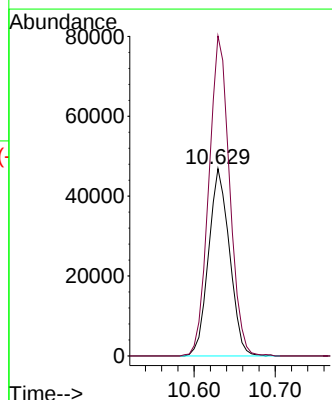
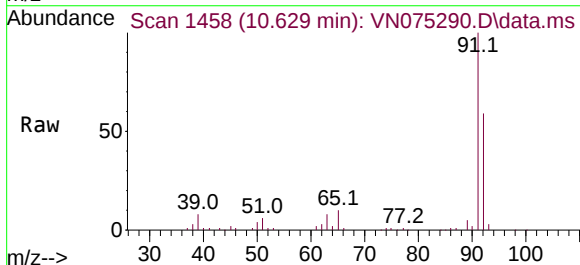
Manual Integrations
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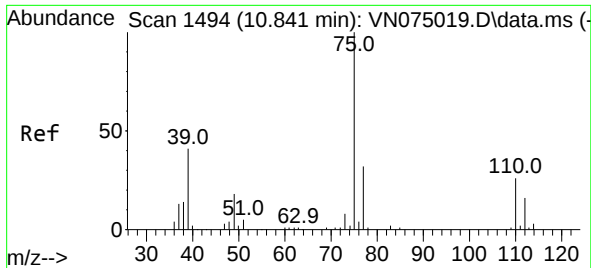
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Toluene
Concen: 20.004 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

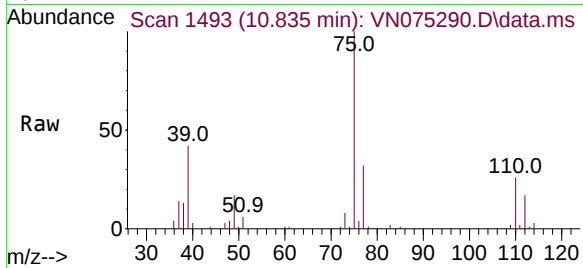
Tgt Ion: 92 Resp: 84126
Ion Ratio Lower Upper
92 100
91 169.5 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 19.068 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03

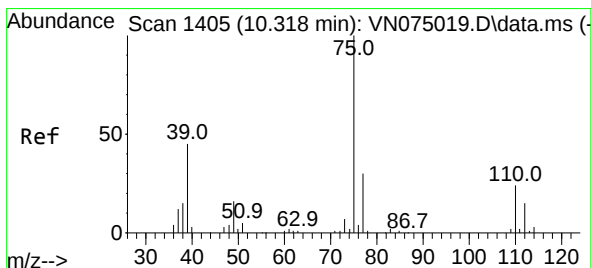
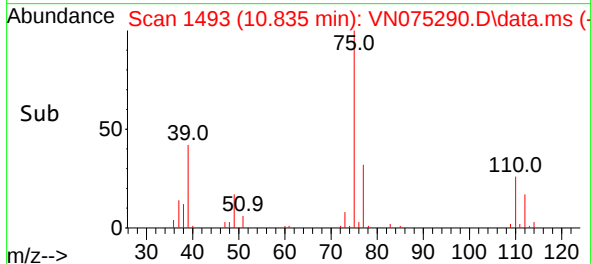
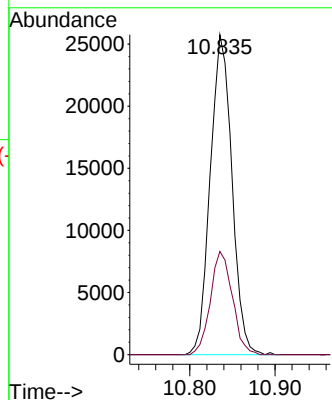
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01



Tgt Ion: 75 Resp: 45463
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

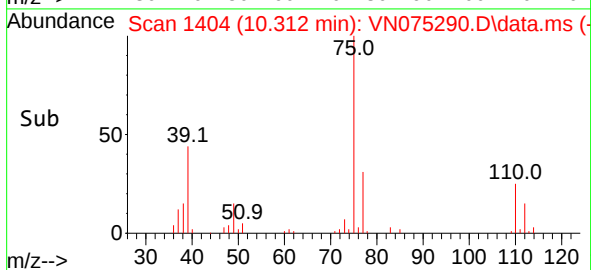
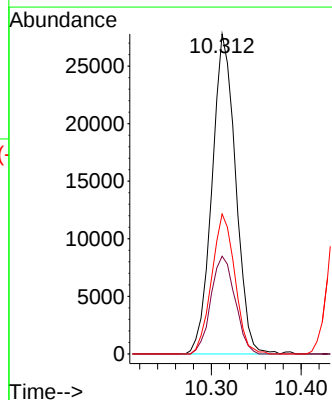
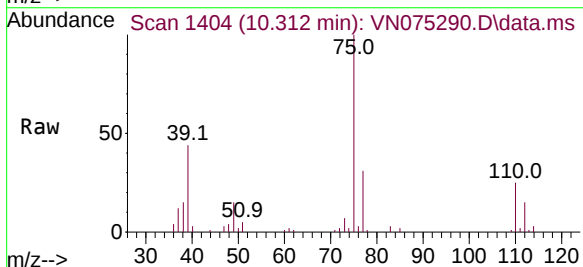
Manual Integrations
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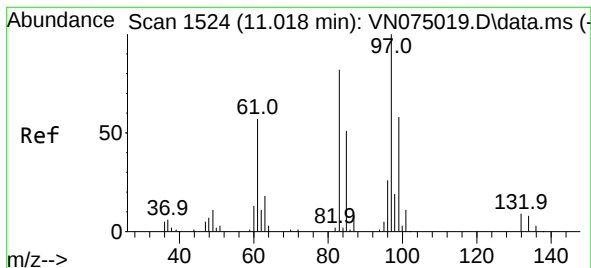
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.097 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03

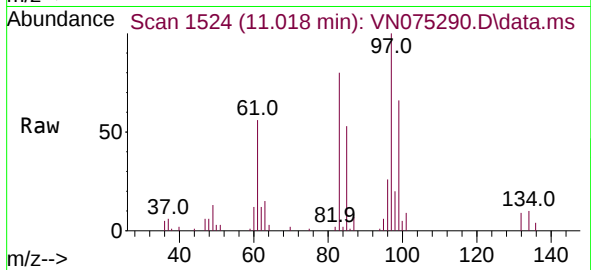
Tgt Ion: 75 Resp: 50820
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.7 35.5
 39 43.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.113 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

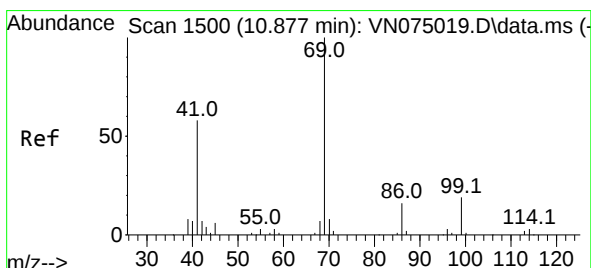
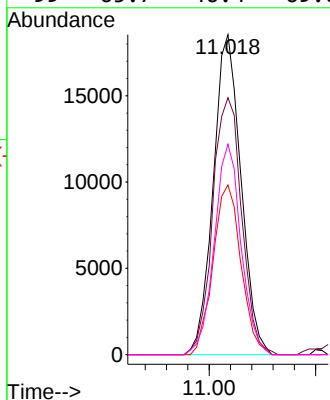
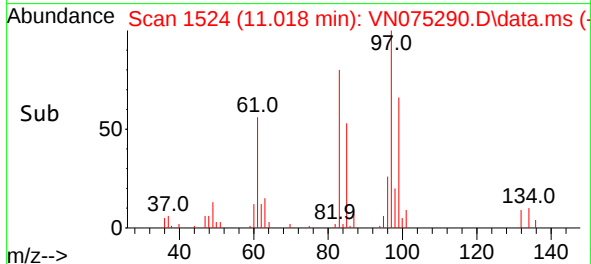


Tgt Ion: 97 Resp: 33539

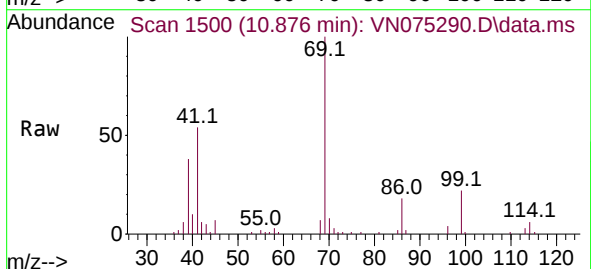
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.9	98.9
85	53.0	40.4	60.6
99	65.7	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

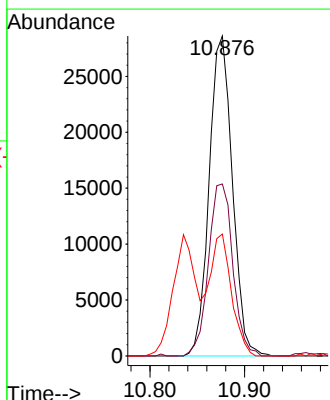
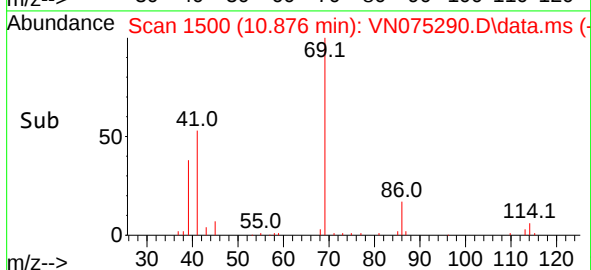


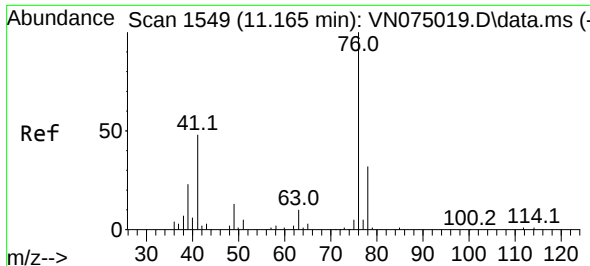
#56
Ethyl methacrylate
Concen: 19.127 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion: 69 Resp: 48651

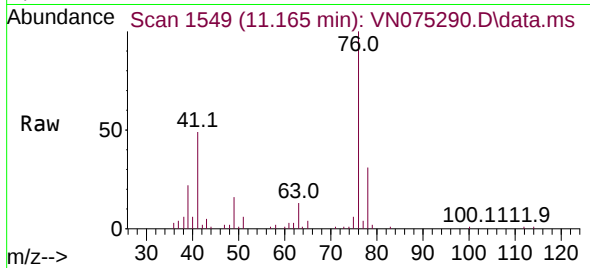
Ion	Ratio	Lower	Upper
69	100		
41	56.4	45.6	68.4
39	36.8	28.5	42.7





#57
1,3-Dichloropropane
Concen: 20.228 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

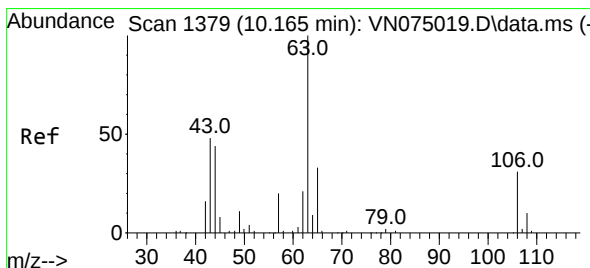
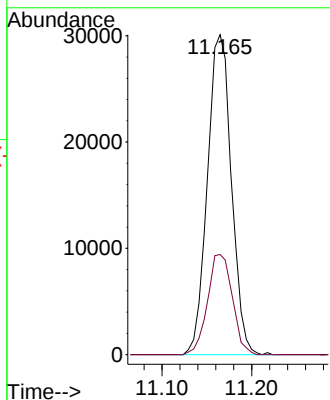
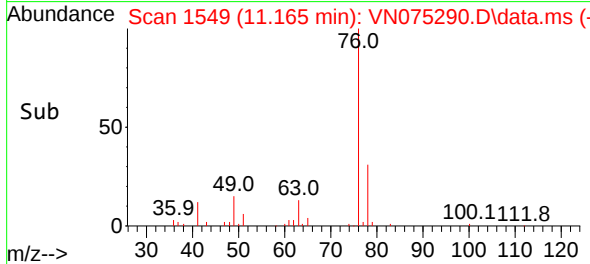
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 76 Resp: 5617
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6

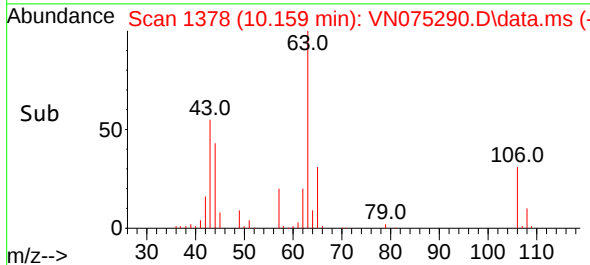
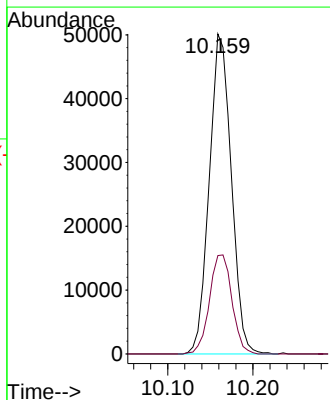
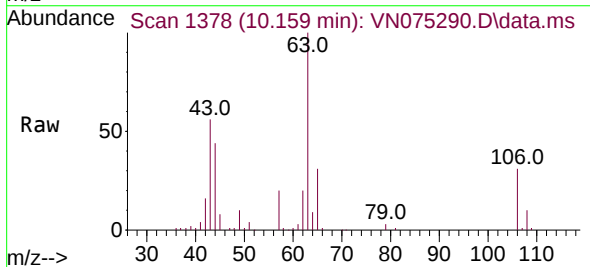
Manual Integrations
APPROVED

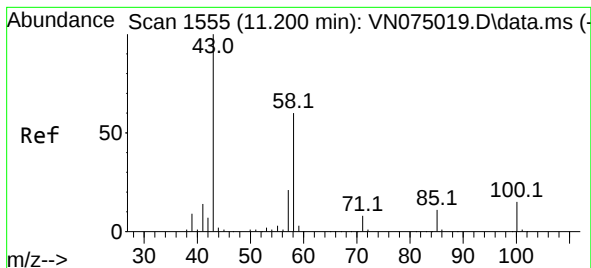
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#58
2-Chloroethyl Vinyl ether
Concen: 91.499 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 63 Resp: 89974
Ion Ratio Lower Upper
63 100
106 31.5 24.8 37.2





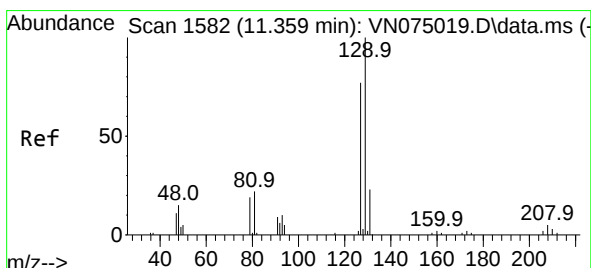
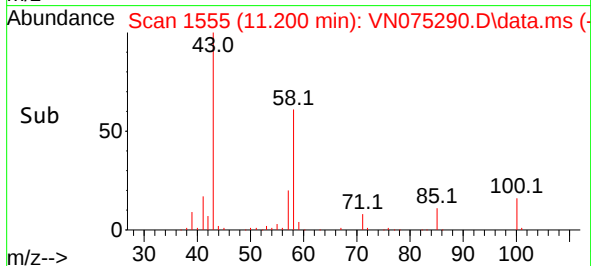
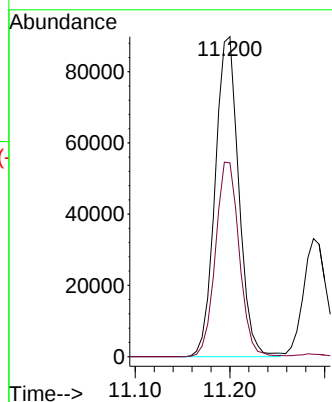
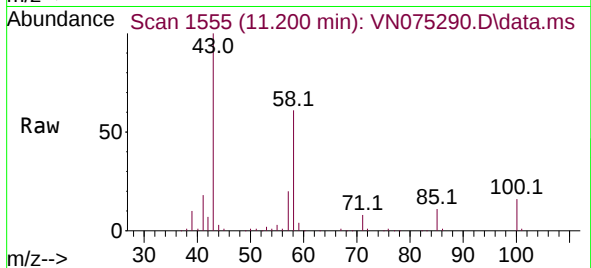
#59
2-Hexanone
Concen: 90.790 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 155418
Ion Ratio Lower Upper
43 100
58 61.2 29.6 88.8

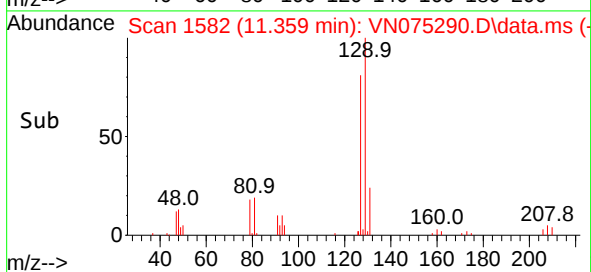
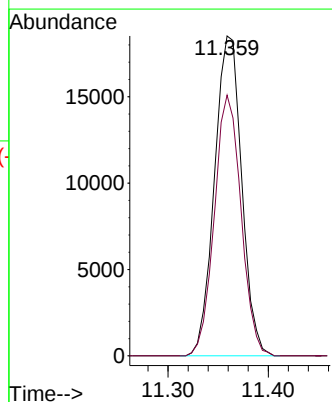
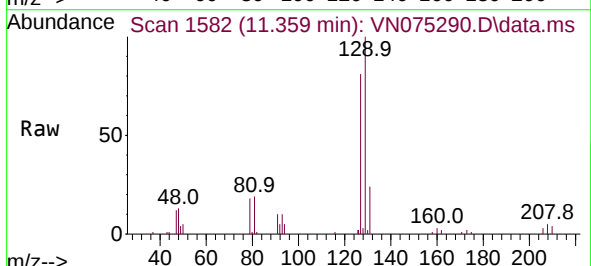
Manual Integrations
APPROVED

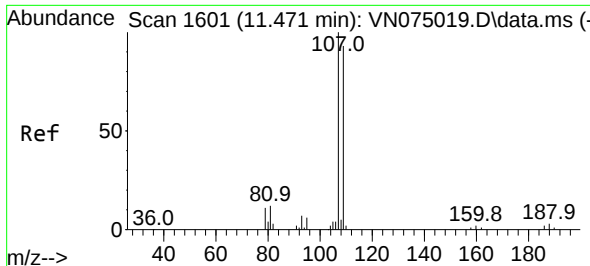
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#60
Dibromochloromethane
Concen: 19.879 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion:129 Resp: 34973
Ion Ratio Lower Upper
129 100
127 79.8 38.6 115.8





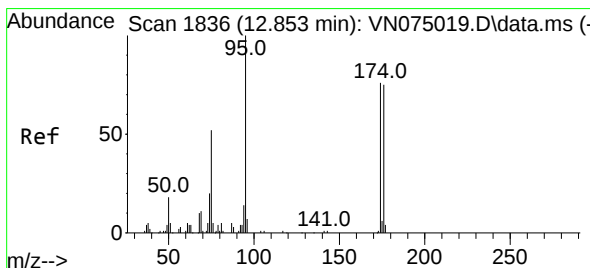
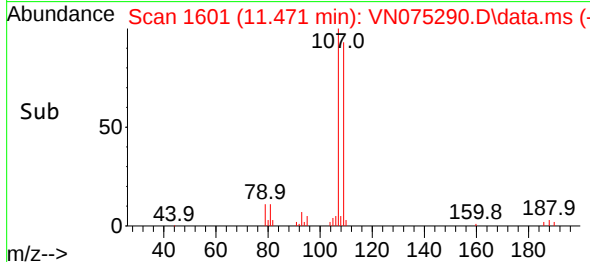
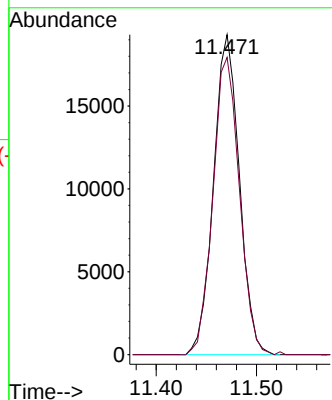
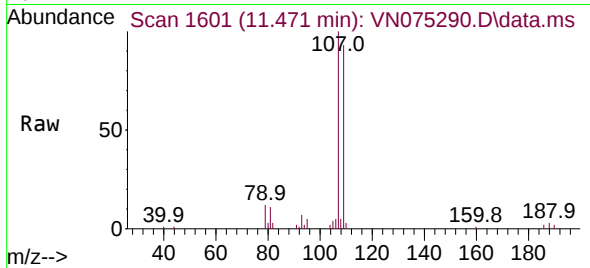
#61
1,2-Dibromoethane
Concen: 20.233 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:107 Resp: 34575
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

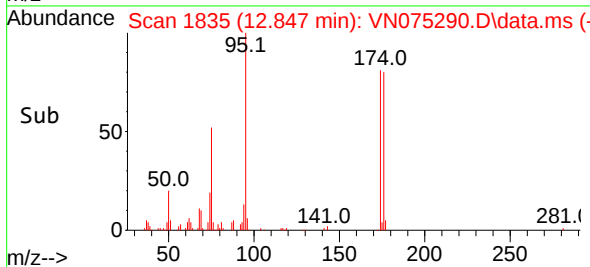
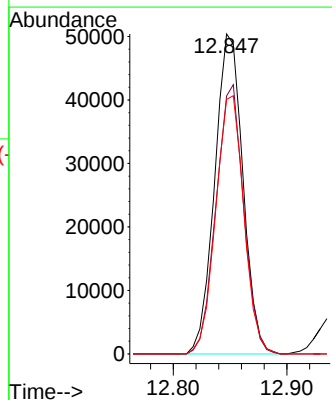
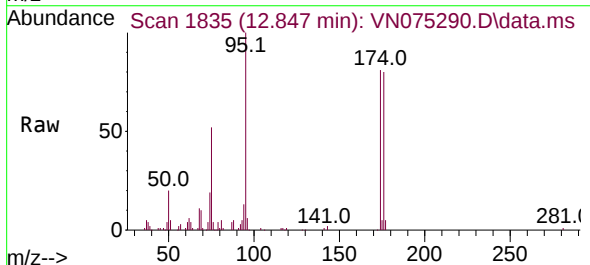
Manual Integrations
APPROVED

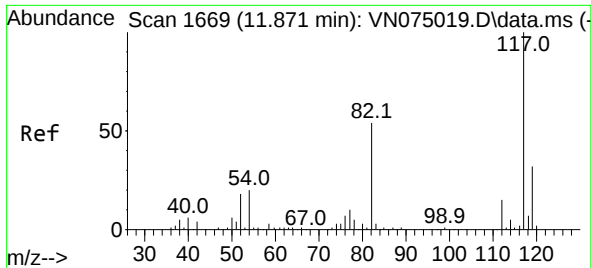
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 95 Resp: 86916
Ion Ratio Lower Upper
95 100
174 82.2 0.0 147.4
176 80.5 0.0 142.2





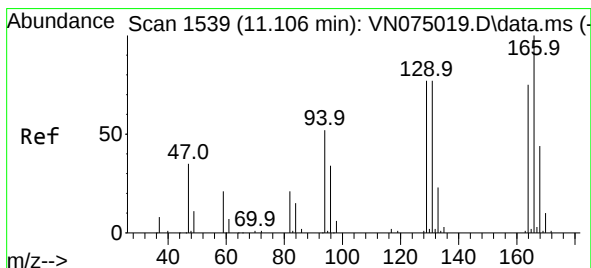
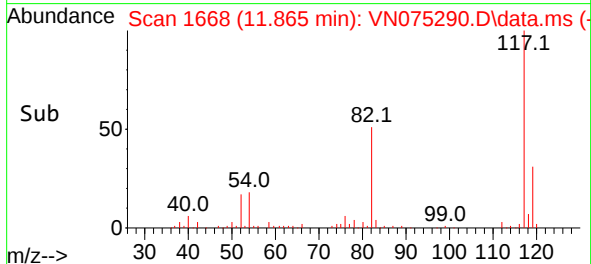
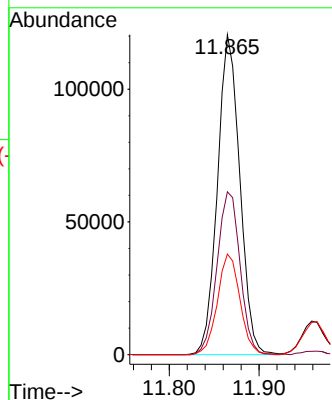
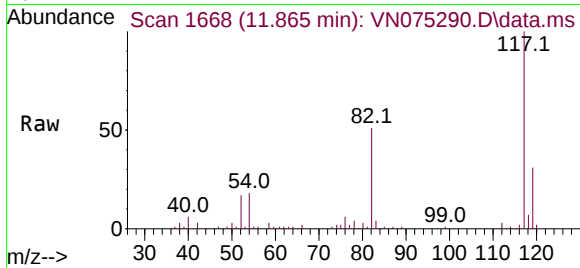
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:117 Resp: 209478
Ion Ratio Lower Upper
117 100
82 50.9 43.1 64.7
119 31.4 25.5 38.3

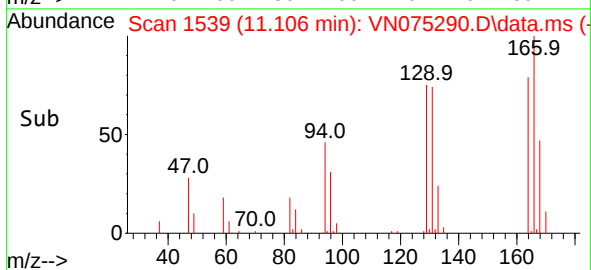
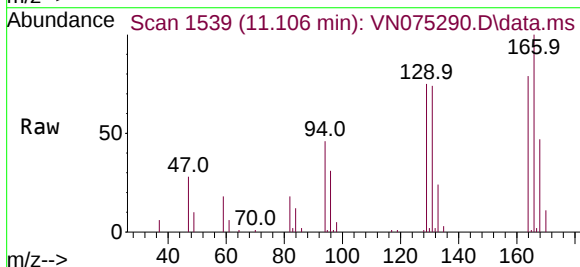
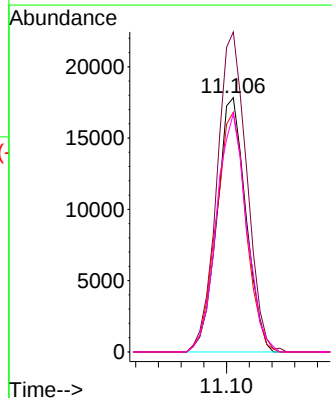
Manual Integrations
APPROVED

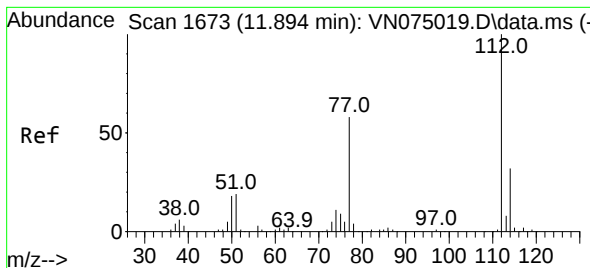
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 24.499 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion:164 Resp: 31464
Ion Ratio Lower Upper
164 100
166 125.9 106.5 159.7
129 94.3 81.9 122.9
131 93.7 81.4 122.2





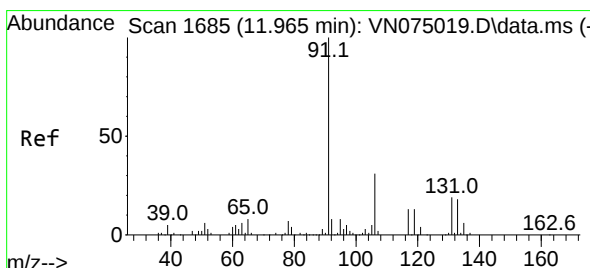
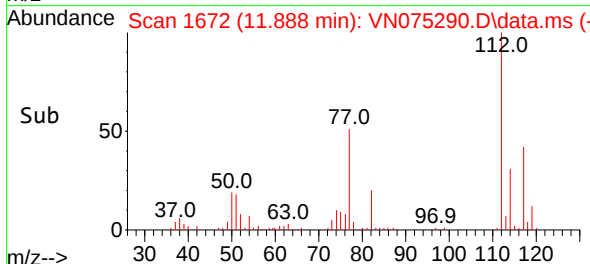
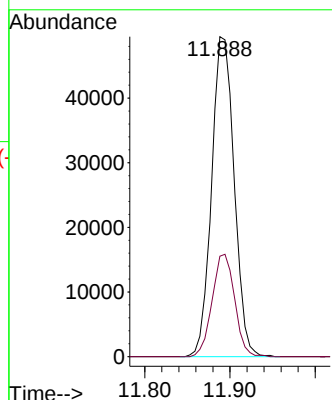
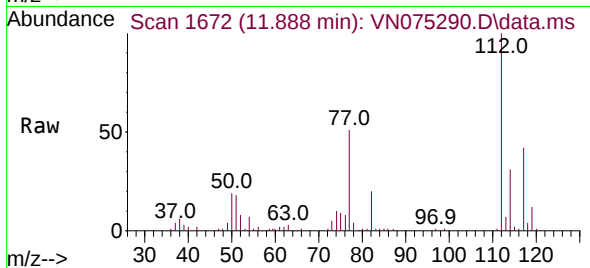
#65
Chlorobenzene
Concen: 20.359 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:112 Resp: 91034
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

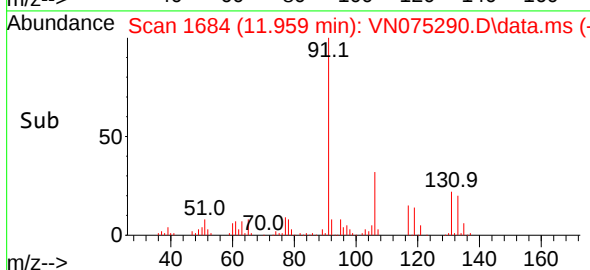
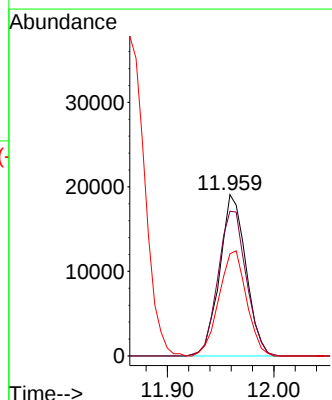
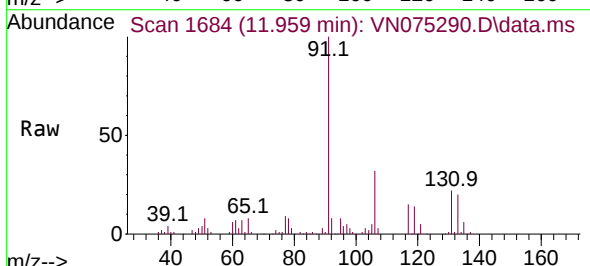
Manual Integrations
APPROVED

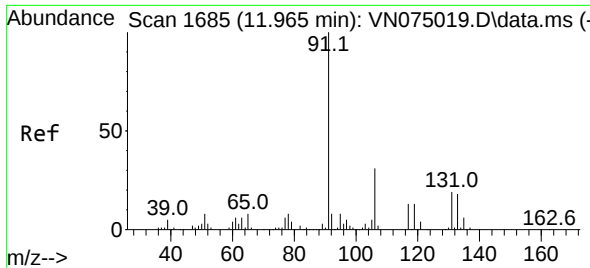
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.771 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

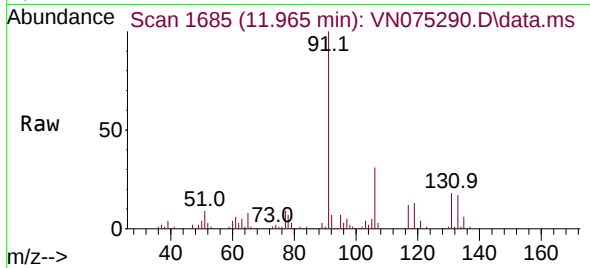
Tgt Ion:131 Resp: 32794
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 68.2 33.0 99.0





#67
Ethyl Benzene
Concen: 19.812 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

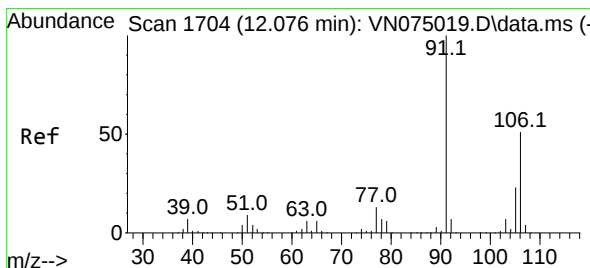
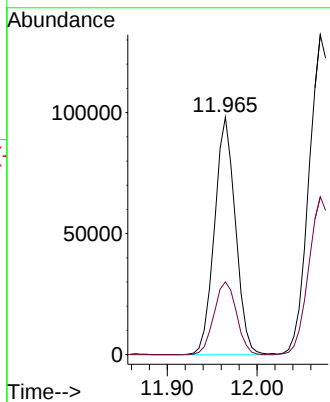
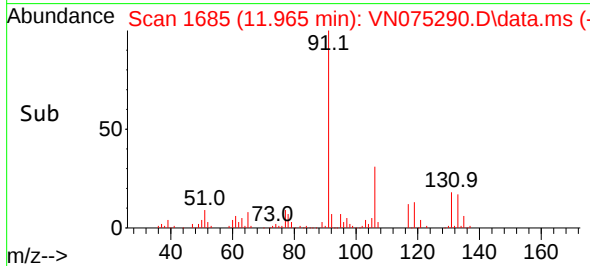
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



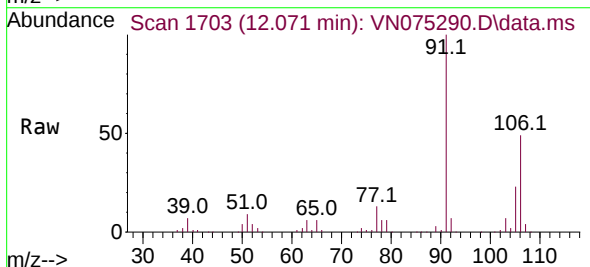
Tgt Ion: 91 Resp: 159380
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

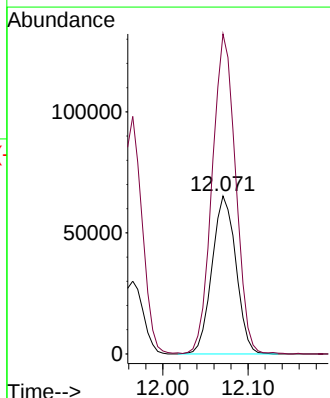
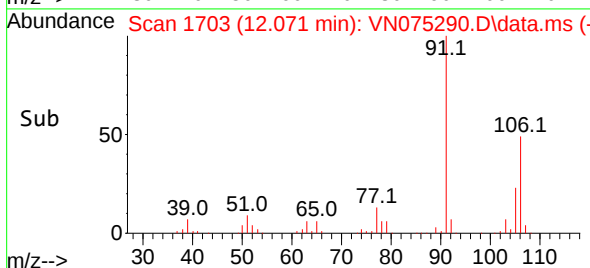
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

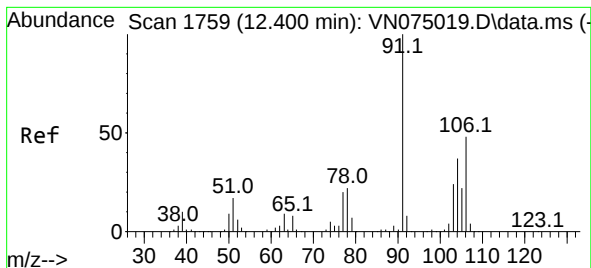


#68
m/p-Xylenes
Concen: 39.390 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion:106 Resp: 127146
Ion Ratio Lower Upper
106 100
91 198.7 156.0 234.0





#69

o-Xylene

Concen: 19.808 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion:106 Resp: 63231

Ion Ratio Lower Upper

106 100

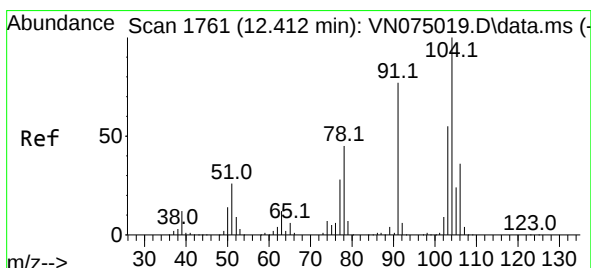
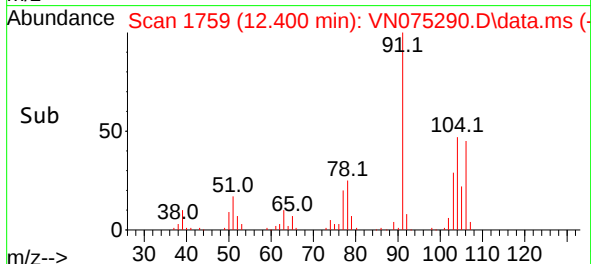
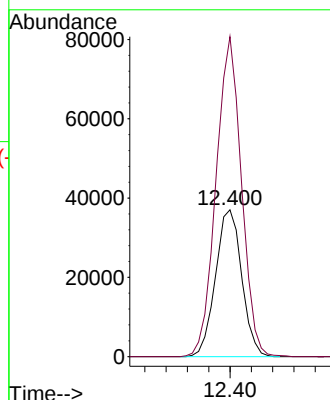
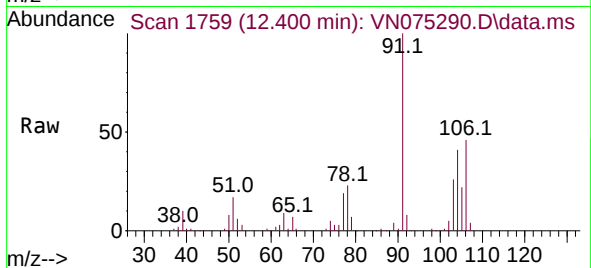
91 211.6 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#70

Styrene

Concen: 20.097 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

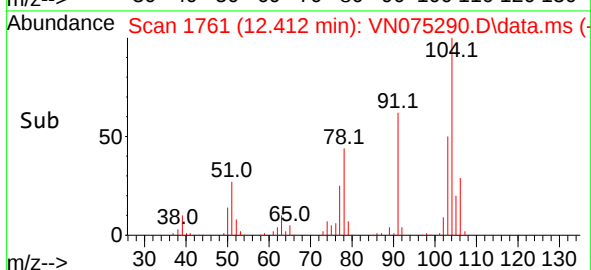
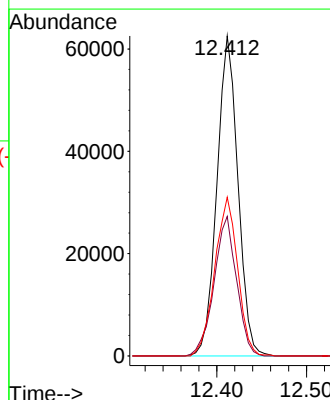
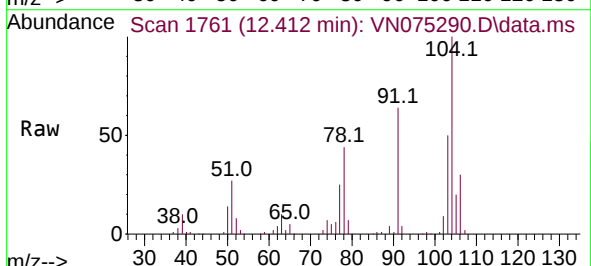
Tgt Ion:104 Resp: 102291

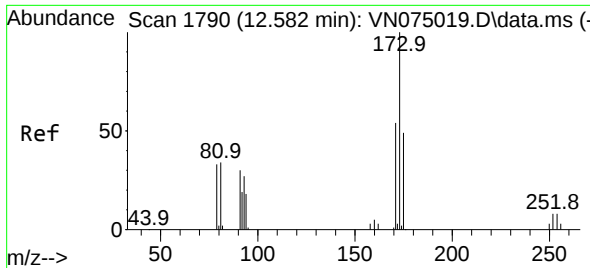
Ion Ratio Lower Upper

104 100

78 46.7 38.1 57.1

103 53.9 44.6 66.8





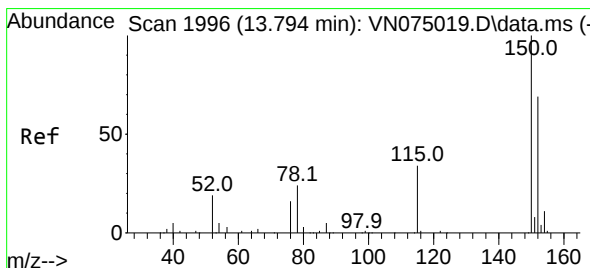
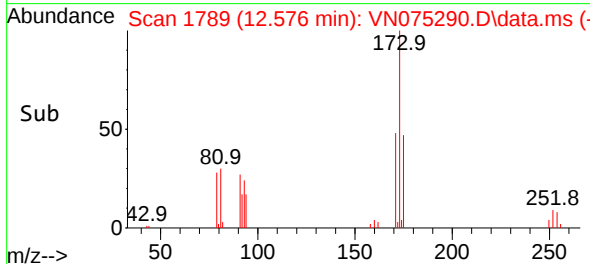
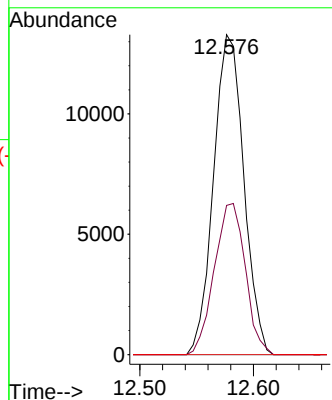
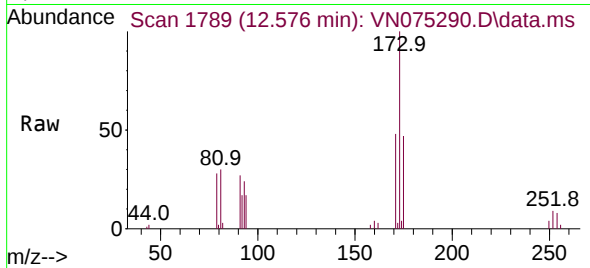
#71
Bromoform
Concen: 19.807 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:173 Resp: 24597
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

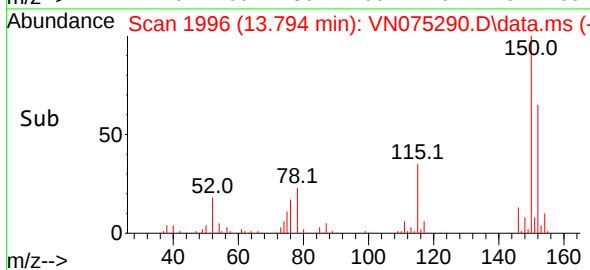
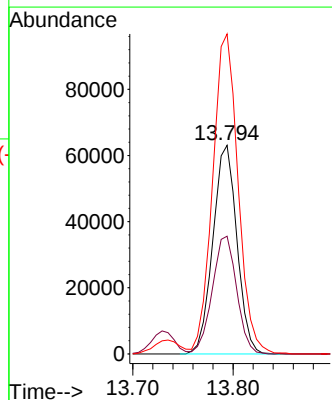
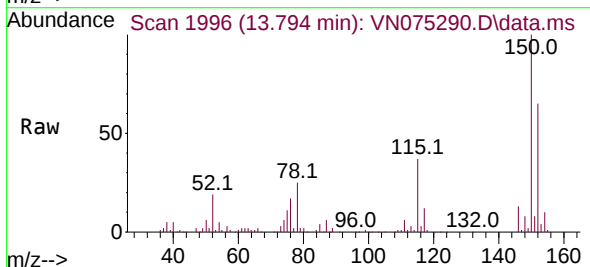
Manual Integrations
APPROVED

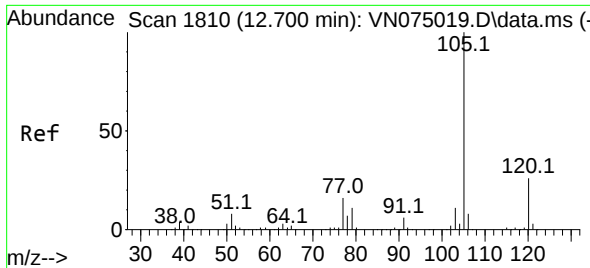
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion:152 Resp: 104922
Ion Ratio Lower Upper
152 100
115 57.2 30.2 90.6
150 162.0 0.0 348.4





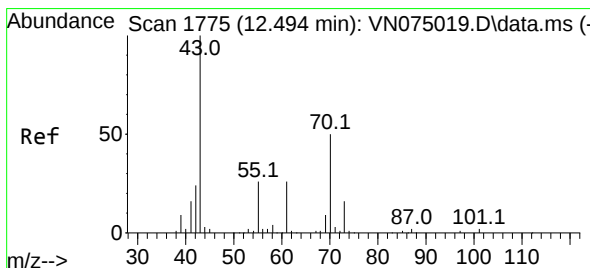
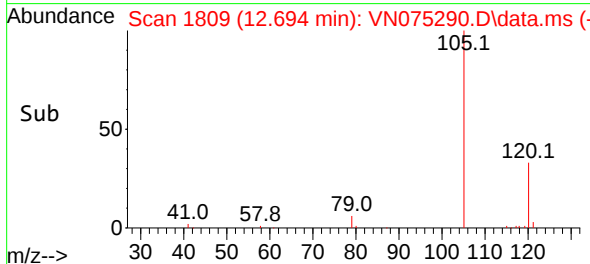
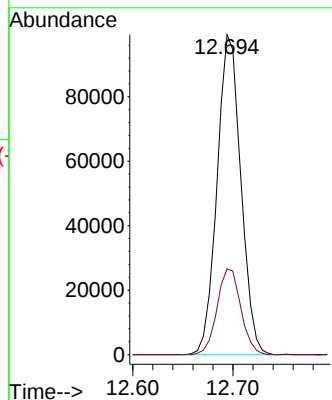
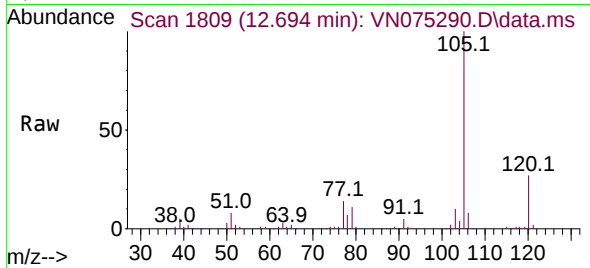
#73
Isopropylbenzene
Concen: 19.422 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:105 Resp: 163598
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

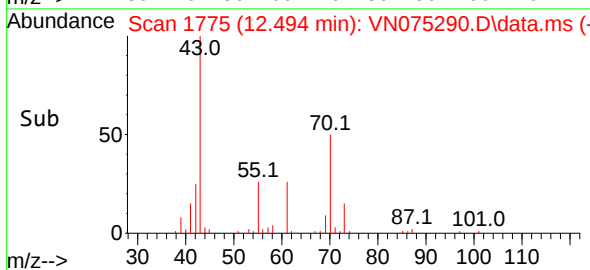
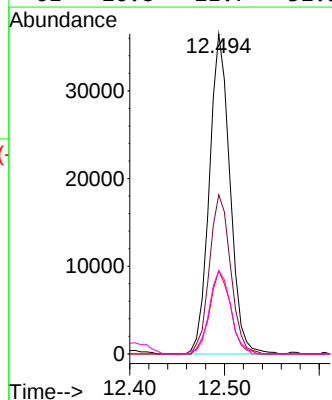
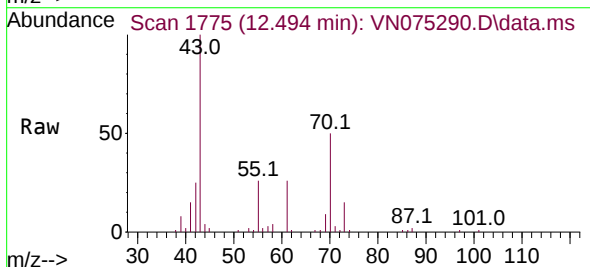
Manual Integrations
APPROVED

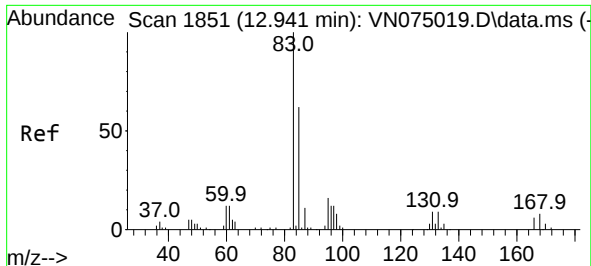
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#74
N-ethyl acetate
Concen: 17.736 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

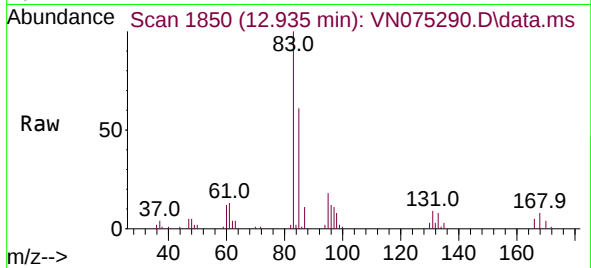
Tgt Ion: 43 Resp: 55255
Ion Ratio Lower Upper
43 100
70 51.1 39.8 59.8
55 26.3 19.9 29.9
61 26.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.610 ug/l
RT: 12.935 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

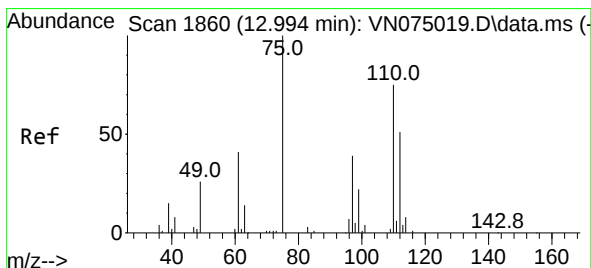
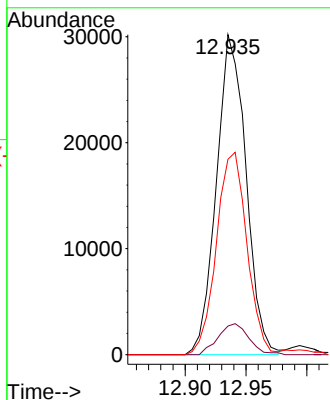
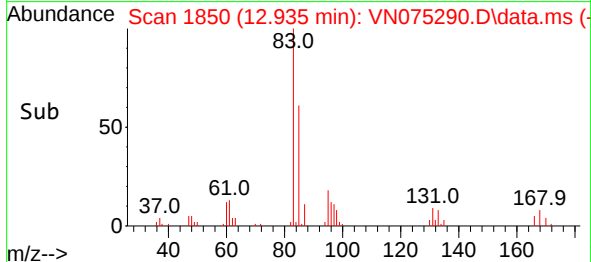
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 83 Resp: 5102
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.2 31.6 94.7

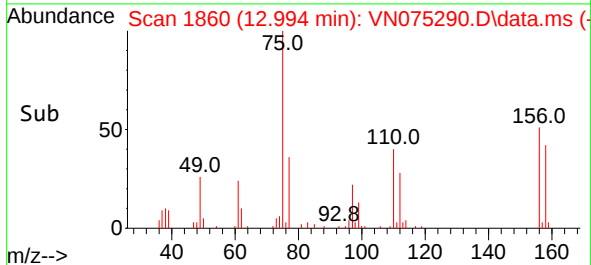
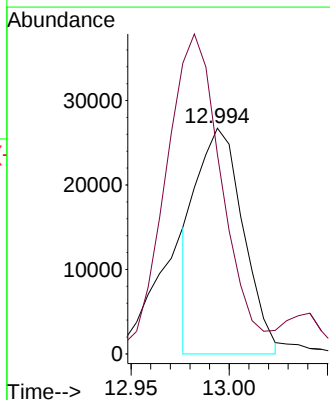
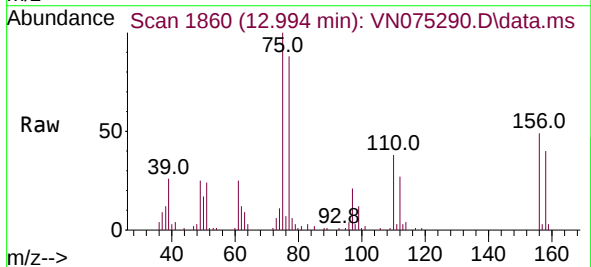
Manual Integrations
APPROVED

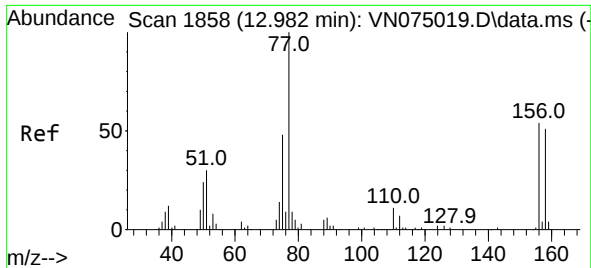
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#76
1,2,3-Trichloropropane
Concen: 20.044 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 75 Resp: 44653
Ion Ratio Lower Upper
75 100
77 168.9 75.6 226.8





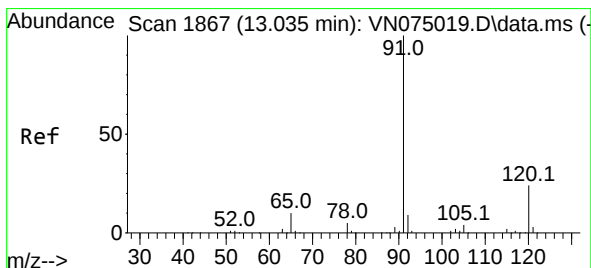
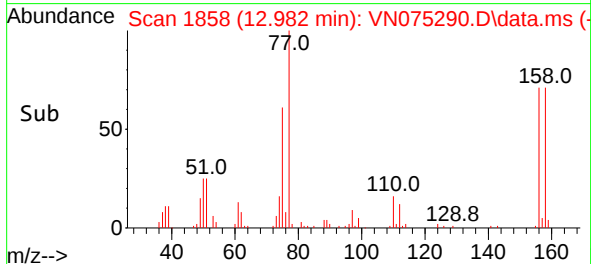
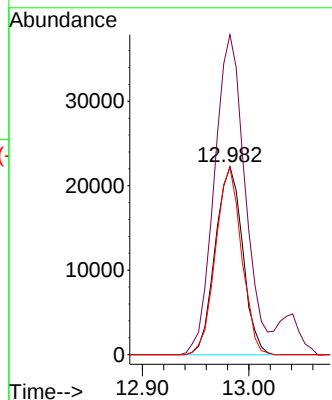
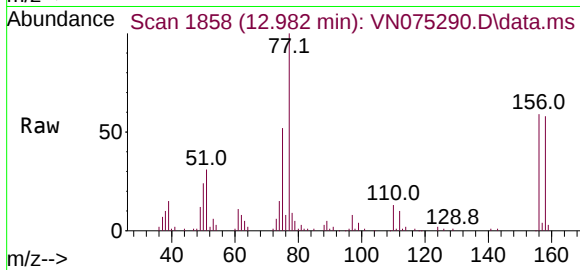
#77
Bromobenzene
Concen: 21.433 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
Client Sample Id :
VN1116WBSD01

Tgt Ion: 156 Resp: 39752
Ion Ratio Lower Upper
156 100
77 189.8 108.5 325.5
158 94.8 47.7 143.1

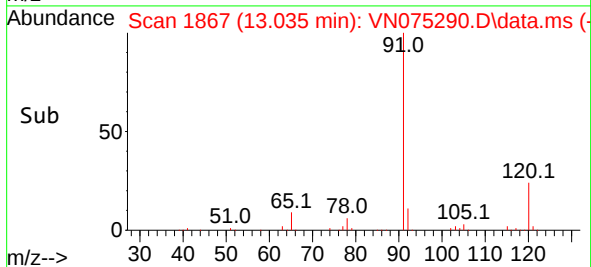
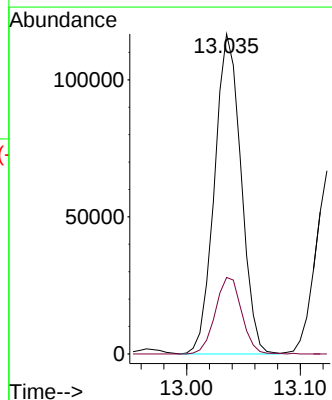
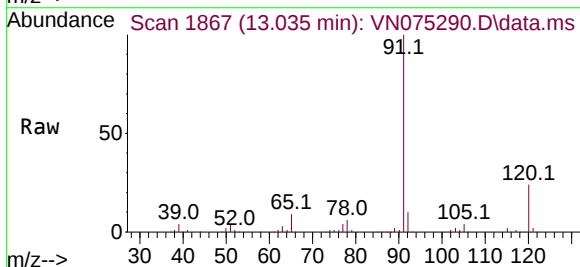
Manual Integrations
APPROVED

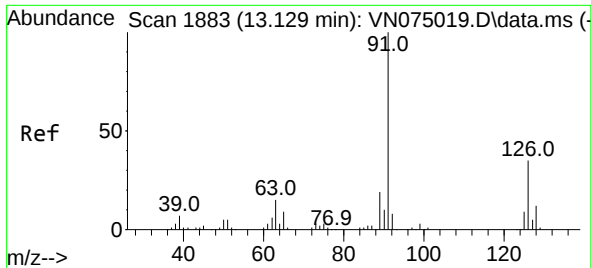
Reviewed By : John Carlone 11/17/2022
Supervised By : Mahesh Dadoda 11/17/2022



#78
n-propylbenzene
Concen: 20.016 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 91 Resp: 189290
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





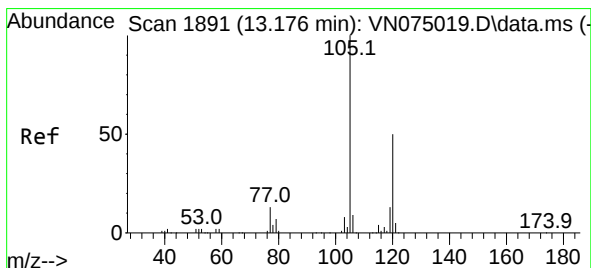
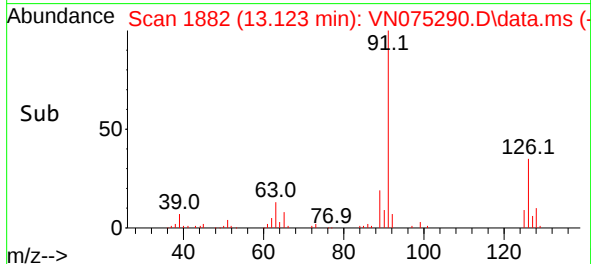
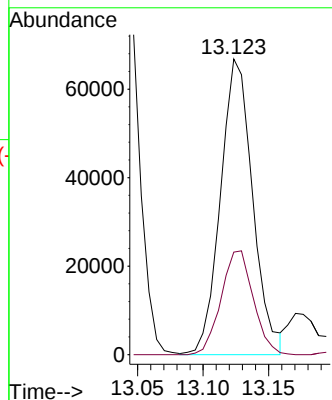
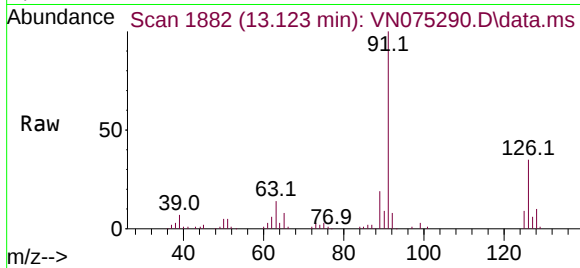
#79
2-Chlorotoluene
Concen: 19.774 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 91 Resp: 114276
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.7

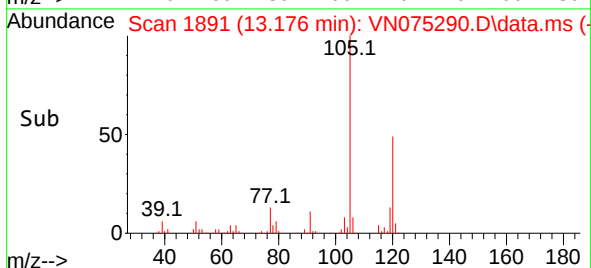
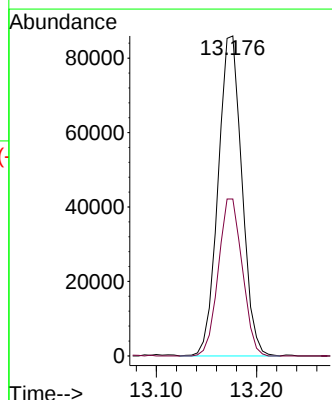
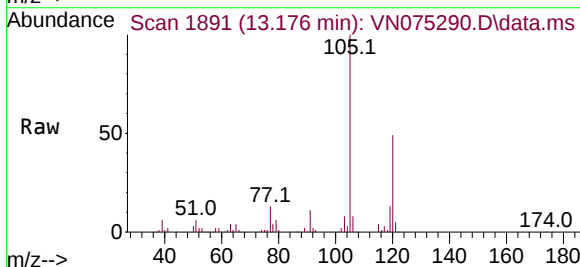
Manual Integrations
APPROVED

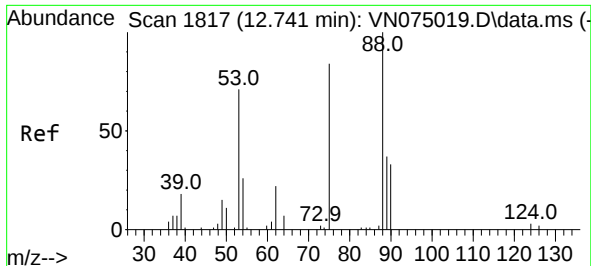
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.053 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

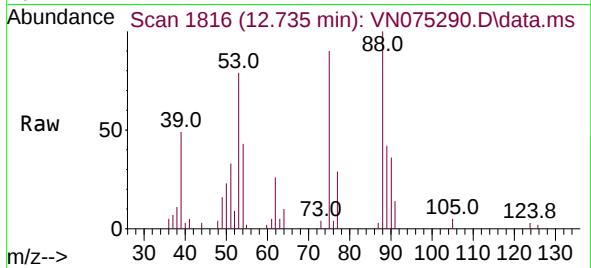
Tgt Ion:105 Resp: 141871
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.374 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

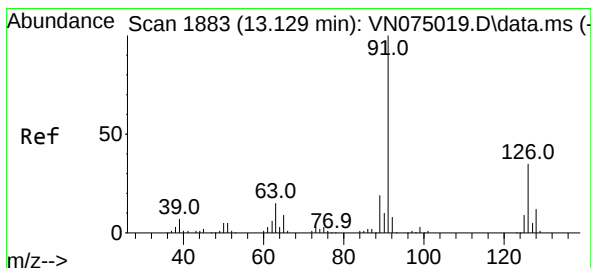
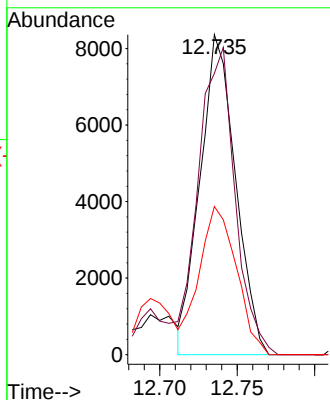
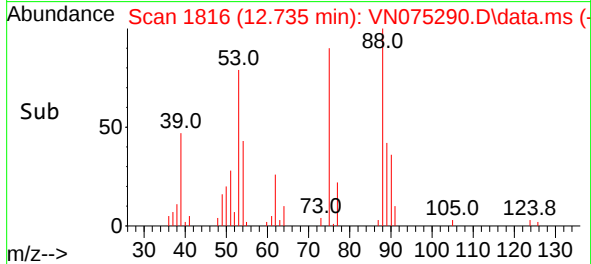
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



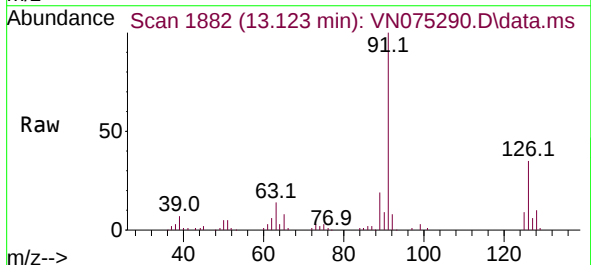
Tgt Ion: 75 Resp: 13342
Ion Ratio Lower Upper
75 100
53 100.7 78.5 117.7
89 49.0 37.7 56.5

Manual Integrations
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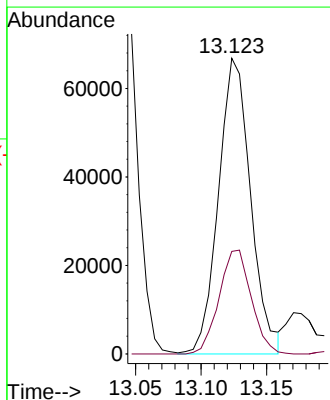
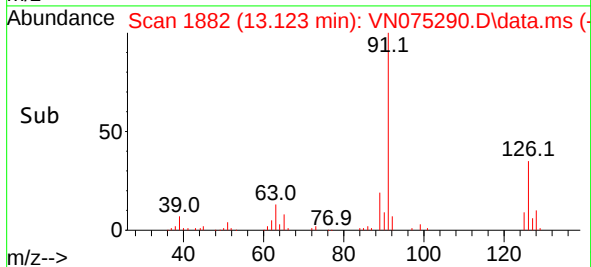
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

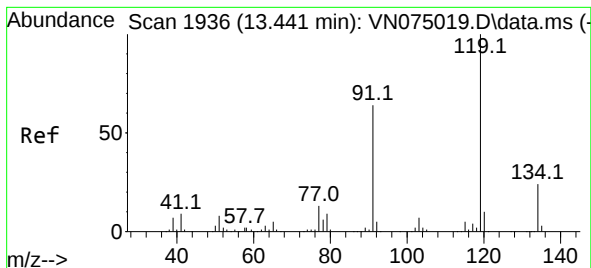


#82
4-Chlorotoluene
Concen: 19.774 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



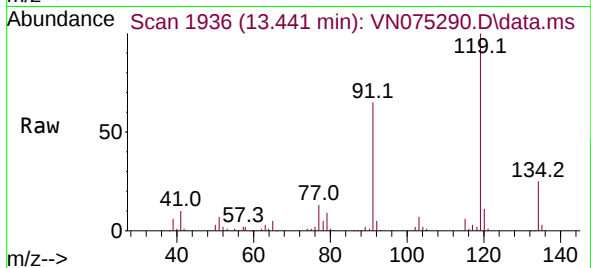
Tgt Ion: 91 Resp: 114276
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.899 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

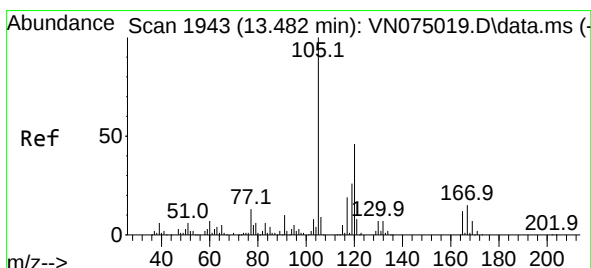
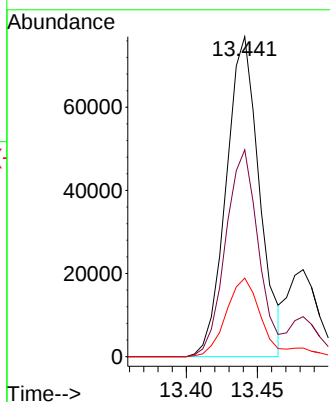
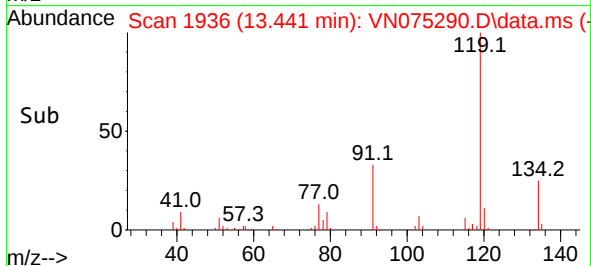
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



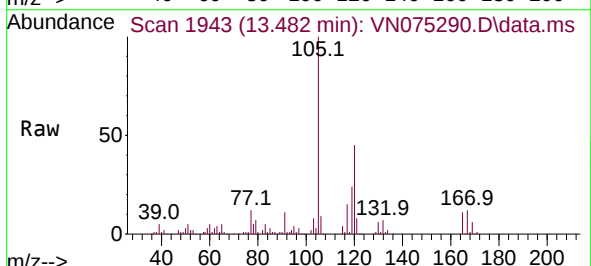
Tgt Ion:119 Resp: 125092
Ion Ratio Lower Upper
119 100
91 63.8 32.8 98.4
134 27.2 12.3 36.9

Manual Integrations
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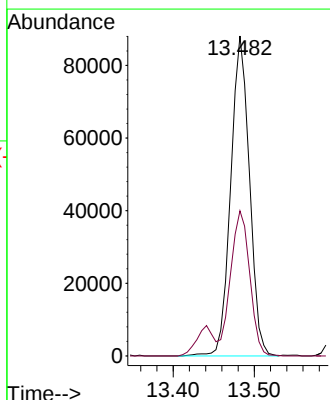
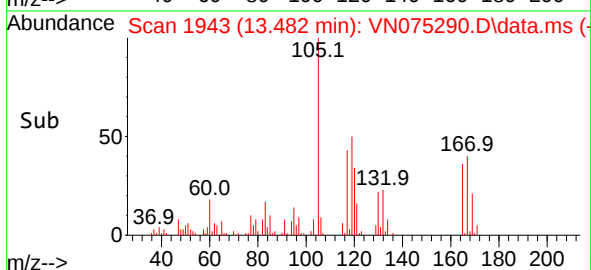
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

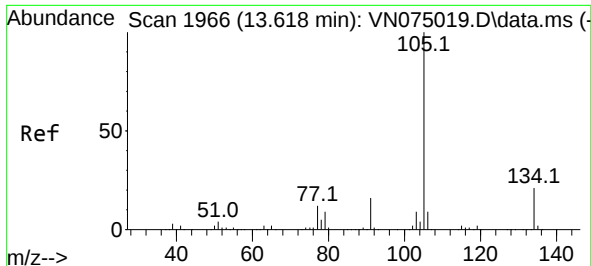


#84
1,2,4-Trimethylbenzene
Concen: 19.733 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



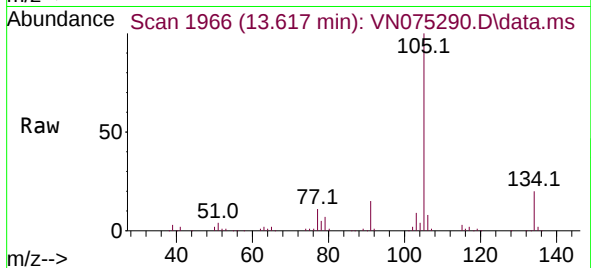
Tgt Ion:105 Resp: 141251
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.933 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03

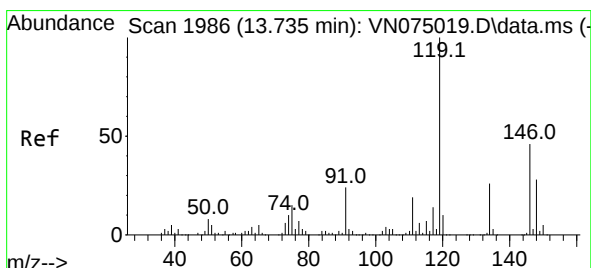
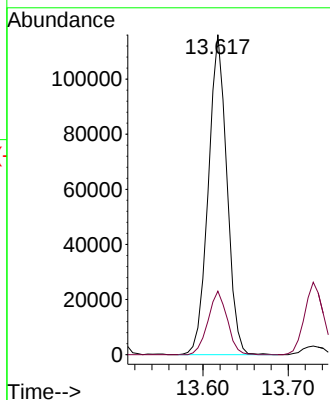
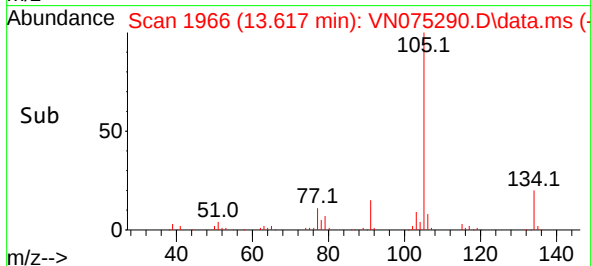
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01



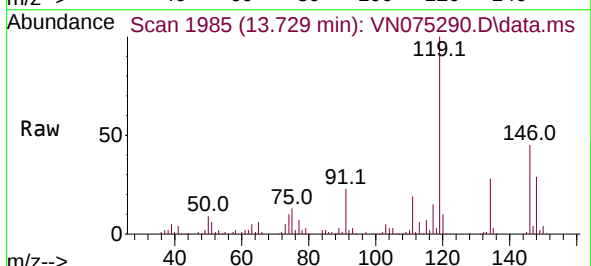
Tgt Ion:105 Resp: 175297
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

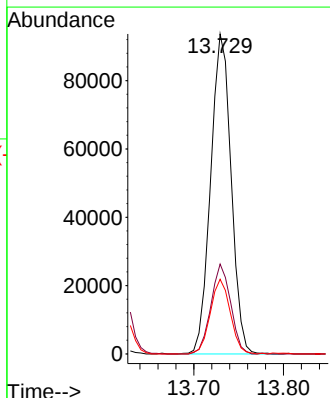
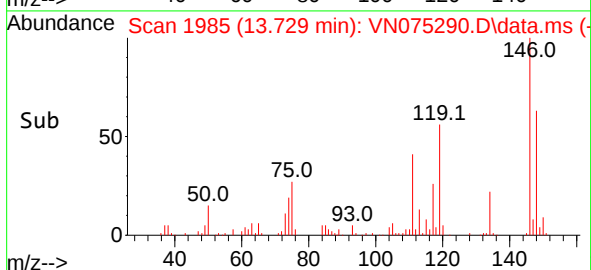
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

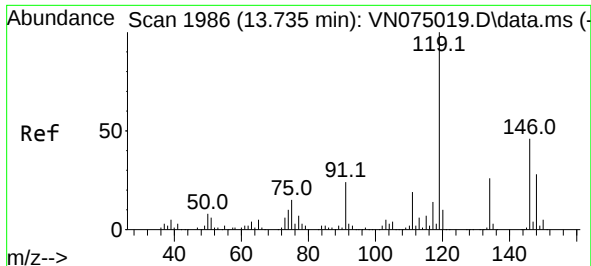


#86
 p-Isopropyltoluene
 Concen: 20.477 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075290.D
 Acq: 16 Nov 2022 16:03



Tgt Ion:119 Resp: 148727
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.757 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

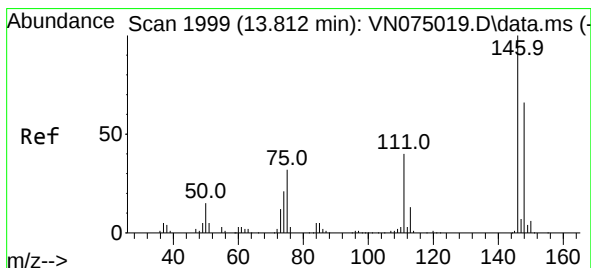
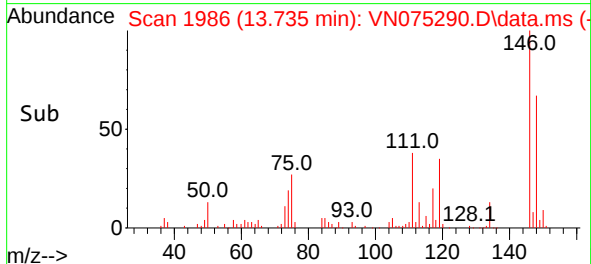
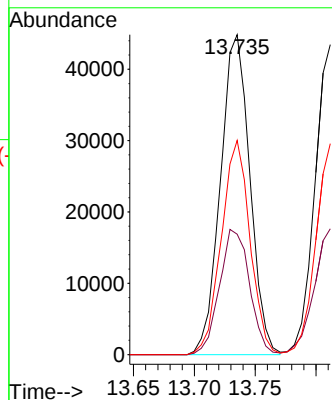
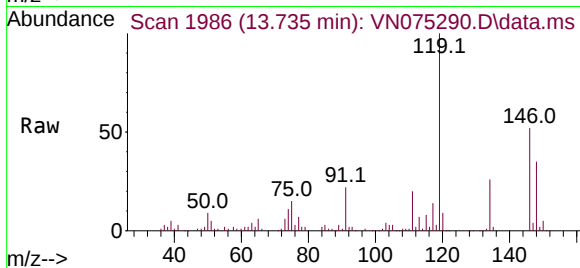
Tgt Ion:146 Resp: 75376
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.8 62.5
 148 65.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 21.209 ug/l

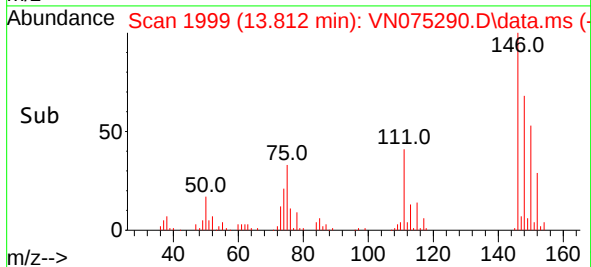
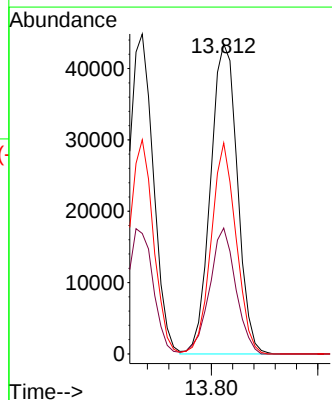
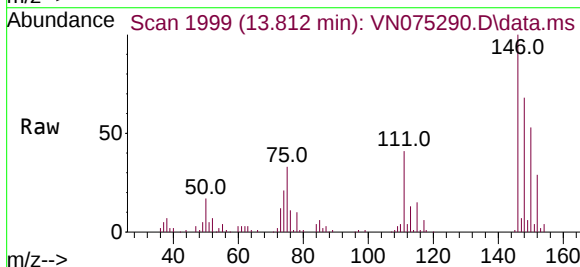
RT: 13.812 min Scan# 1999

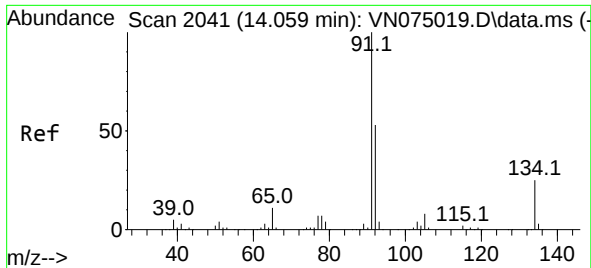
Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Tgt Ion:146 Resp: 76224
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.3
 148 63.0 31.9 95.7





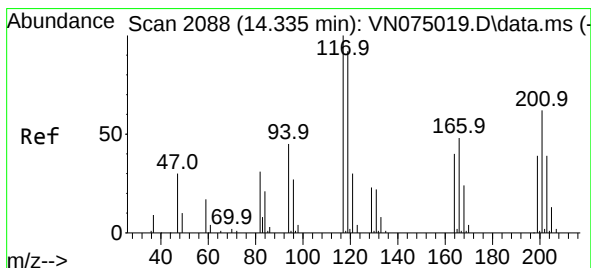
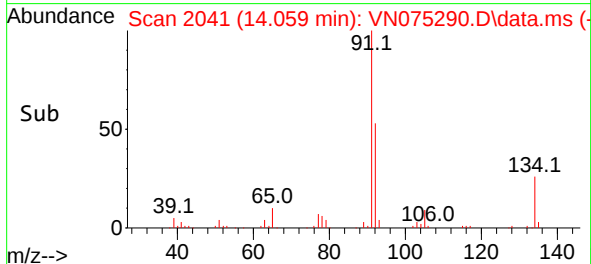
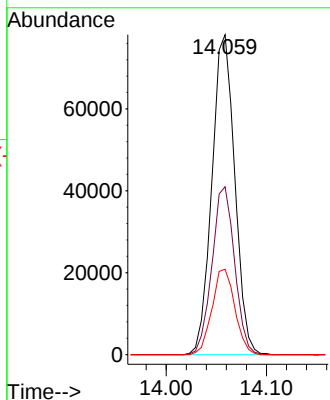
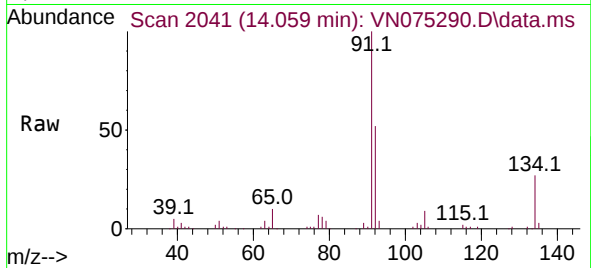
#89
n-Butylbenzene
Concen: 21.170 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 91 Resp: 123817
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.4
134 26.7 13.0 39.0

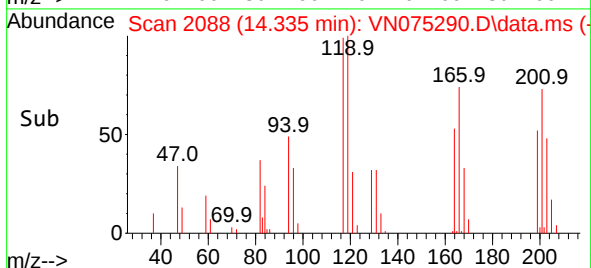
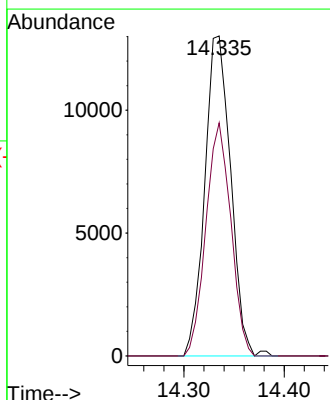
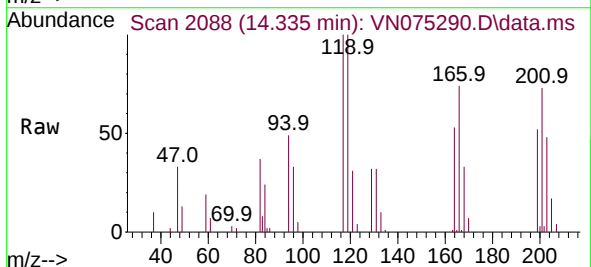
Manual Integrations
APPROVED

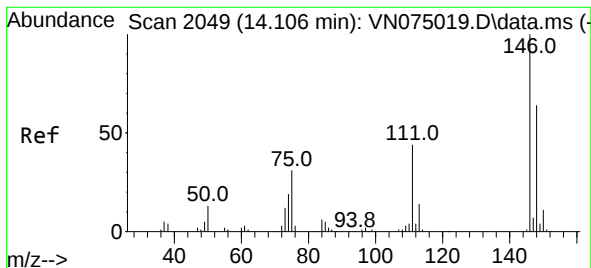
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#90
Hexachloroethane
Concen: 17.556 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

Tgt Ion:117 Resp: 23379
Ion Ratio Lower Upper
117 100
201 70.0 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 20.606 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion:146 Resp: 74396

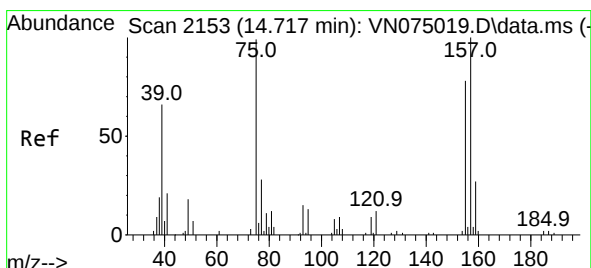
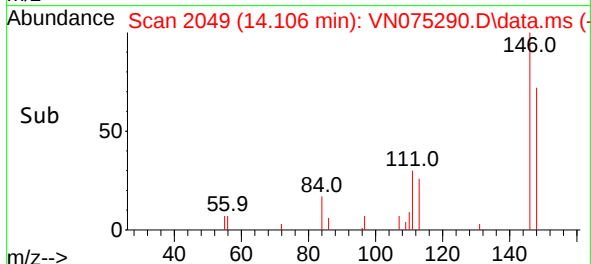
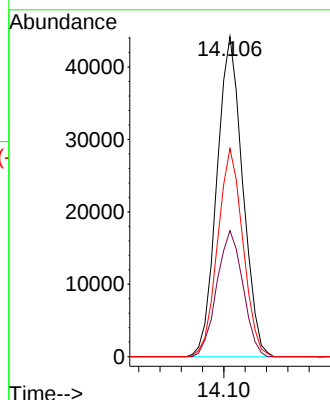
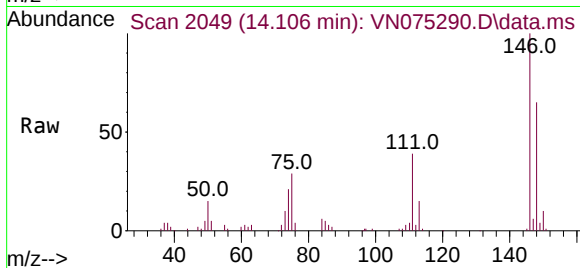
Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.3	63.9
148	63.8	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.676 ug/l

RT: 14.723 min Scan# 2154

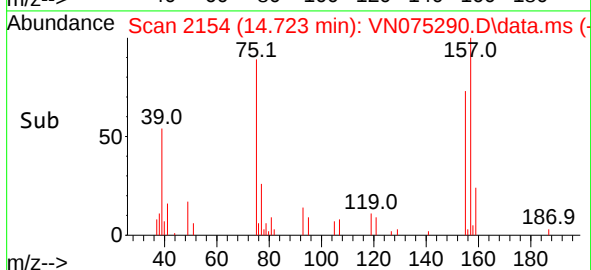
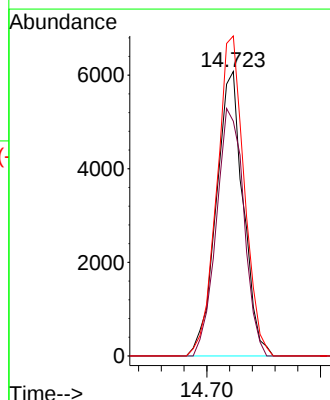
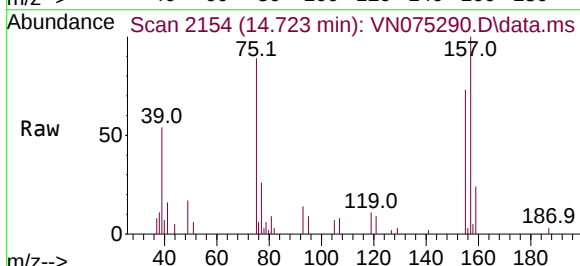
Delta R.T. 0.006 min

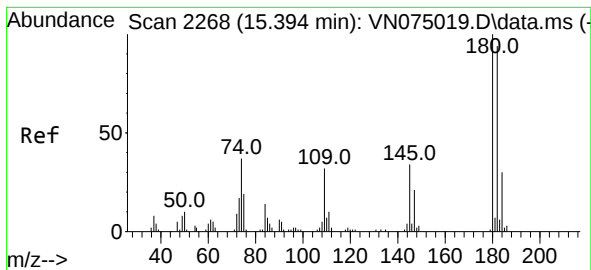
Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Tgt Ion: 75 Resp: 10043

Ion	Ratio	Lower	Upper
75	100		
155	88.5	42.1	126.3
157	113.9	51.7	155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.240 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

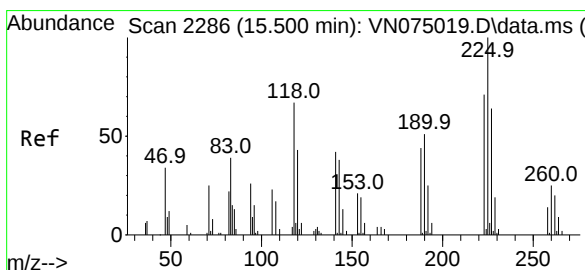
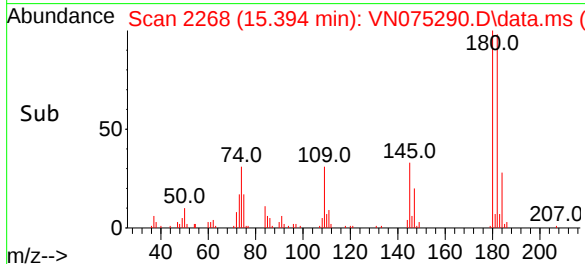
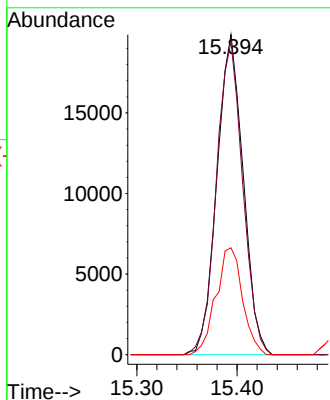
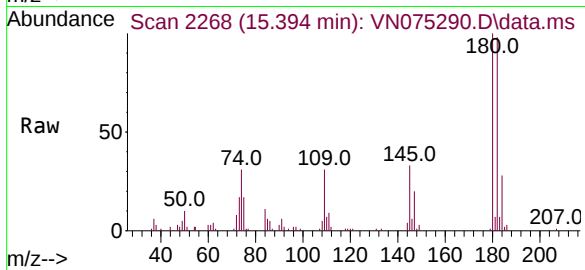
Tgt Ion:180	Resp:	36104
Ion Ratio	Lower	Upper
180	100	
182	97.8	47.8 143.4
145	33.8	16.8 50.3

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 24.236 ug/l

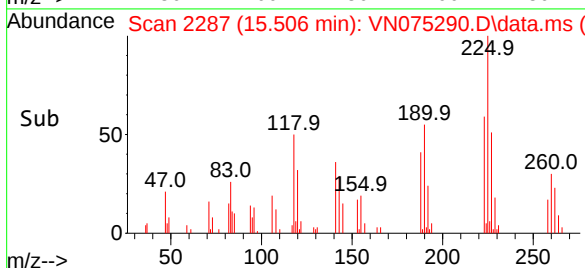
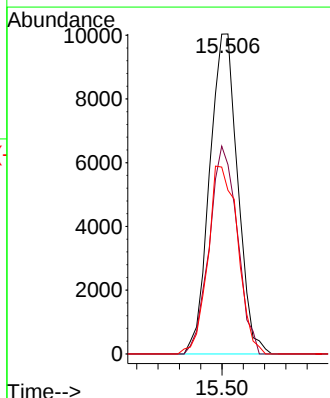
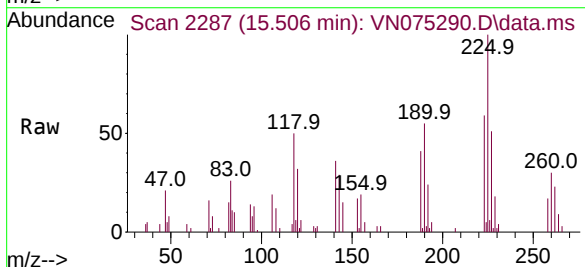
RT: 15.506 min Scan# 2287

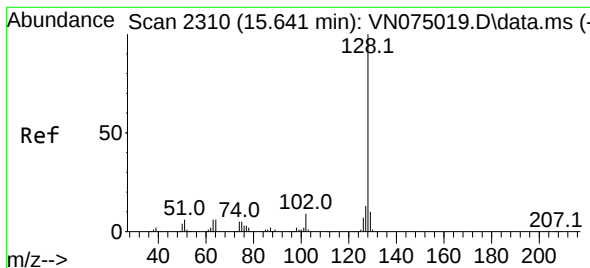
Delta R.T. 0.006 min

Lab File: VN075290.D

Acq: 16 Nov 2022 16:03

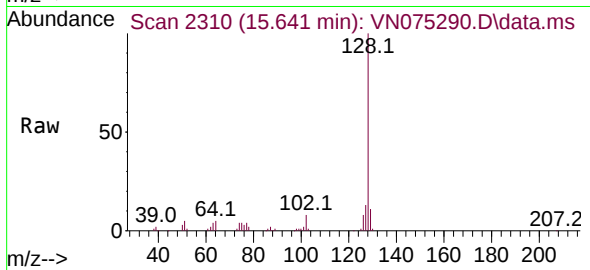
Tgt Ion:225	Resp:	18355
Ion Ratio	Lower	Upper
225	100	
223	64.7	32.3 96.9
227	62.3	32.0 96.2





#95
Naphthalene
Concen: 20.788 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03

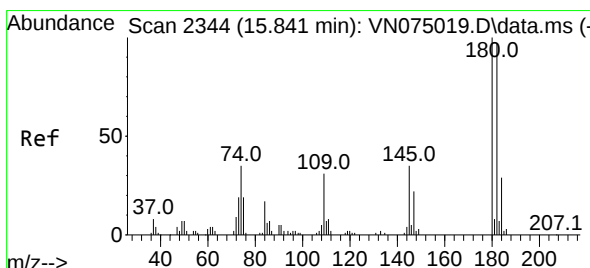
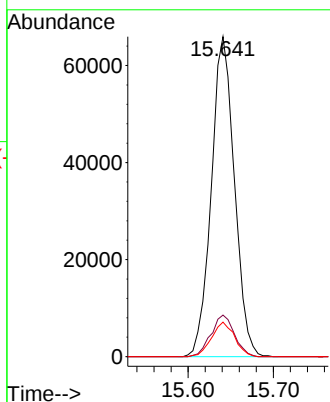
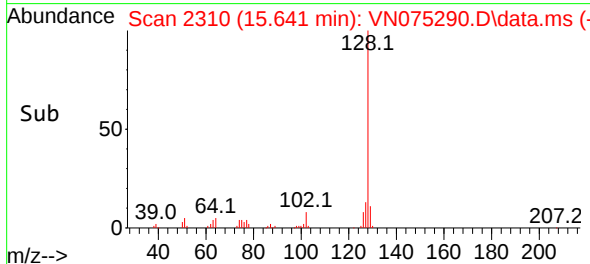
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



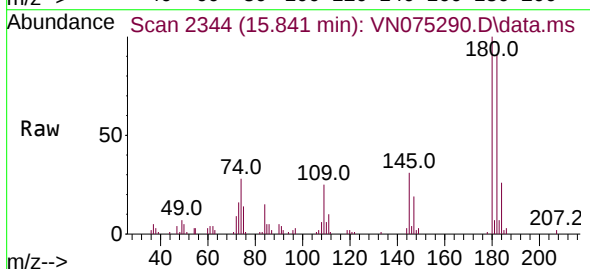
Tgt Ion:128 Resp: 124190
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.027 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075290.D
Acq: 16 Nov 2022 16:03



Tgt Ion:180 Resp: 35544
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 34.1 17.6 52.9

