

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075289.D
 Acq On : 16 Nov 2022 15:37
 Operator : JC\MD
 Sample : VN1116WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01

Quant Time: Nov 17 04:28:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	134265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75278	41.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.220%		
35) Dibromofluoromethane	8.171	113	66043	48.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.565	98	237236	44.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.900%		
62) 4-Bromofluorobenzene	12.847	95	88052	47.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26963	15.437	ug/l	98
3) Chloromethane	2.371	50	27745	14.955	ug/l	99
4) Vinyl Chloride	2.524	62	38142	14.411	ug/l	93
5) Bromomethane	2.918	94	33576	14.247	ug/l	91
6) Chloroethane	3.106	64	27180	14.321	ug/l #	88
7) Trichlorofluoromethane	3.500	101	49723	18.391	ug/l	88
8) Diethyl Ether	3.971	74	18684	18.946	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	28158	18.858	ug/l	93
10) Methyl Iodide	4.595	142	42854	19.279	ug/l	97
11) Tert butyl alcohol	5.536	59	32742	77.610	ug/l	96
12) 1,1-Dichloroethene	4.342	96	26886	18.891	ug/l	85
13) Acrolein	4.195	56	15353	44.492	ug/l	97
14) Allyl chloride	5.030	41	37438	18.011	ug/l	95
15) Acrylonitrile	5.730	53	76498	85.838	ug/l	99
16) Acetone	4.442	43	72983	95.278	ug/l	96
17) Carbon Disulfide	4.718	76	61554	17.198	ug/l	98
18) Methyl Acetate	5.036	43	45011	17.989	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	93964	17.763	ug/l	96
20) Methylene Chloride	5.289	84	31828	18.636	ug/l	85
21) trans-1,2-Dichloroethene	5.794	96	28912	18.553	ug/l	94
22) Diisopropyl ether	6.677	45	82968	18.087	ug/l	96
23) Vinyl Acetate	6.612	43	321244m	83.863	ug/l	
24) 1,1-Dichloroethane	6.577	63	51157	17.633	ug/l	97
25) 2-Butanone	7.488	43	100210	83.173	ug/l	99
26) 2,2-Dichloropropane	7.494	77	45712	17.127	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	35659	19.162	ug/l	95
28) Bromochloromethane	7.812	49	21317	17.430	ug/l	88
29) Tetrahydrofuran	7.847	42	64807	83.240	ug/l	98
30) Chloroform	7.971	83	56987	18.091	ug/l	99
31) Cyclohexane	8.259	56	47653	17.711	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	51917	18.150	ug/l	97
36) 1,1-Dichloropropene	8.377	75	41478	19.694	ug/l	98
37) Ethyl Acetate	7.565	43	40117	17.369	ug/l	99
38) Carbon Tetrachloride	8.365	117	46551	20.093	ug/l	95
39) Methylcyclohexane	9.600	83	53383	19.200	ug/l	94
40) Benzene	8.612	78	126369	19.596	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	20991	18.969	ug/l	97
42) 1,2-Dichloroethane	8.671	62	42826	18.254	ug/l	96
43) Isopropyl Acetate	8.694	43	63248	17.654	ug/l	97
44) Trichloroethene	9.353	130	34201	21.140	ug/l	98
45) 1,2-Dichloropropane	9.624	63	30153	19.648	ug/l	99
46) Dibromomethane	9.712	93	22914	19.165	ug/l	95
47) Bromodichloromethane	9.888	83	44348	19.154	ug/l	100
48) Methyl methacrylate	9.682	41	28269	17.201	ug/l	96
49) 1,4-Dioxane	9.700	88	15867	368.699	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	200524	86.735	ug/l	98
52) Toluene	10.629	92	85145	19.752	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	45075	18.444	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	49730	19.186	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	32941	19.272	ug/l	98
56) Ethyl methacrylate	10.876	69	47865	18.359	ug/l	99
57) 1,3-Dichloropropane	11.165	76	55454	19.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	87199	86.512	ug/l	97
59) 2-Hexanone	11.194	43	152527	86.926	ug/l	98
60) Dibromochloromethane	11.359	129	34163	18.945	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34285	19.573	ug/l	98
64) Tetrachloroethene	11.106	164	32197	25.308	ug/l	97
65) Chlorobenzene	11.894	112	91003	20.546	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33727	20.527	ug/l	98
67) Ethyl Benzene	11.965	91	159860	20.061	ug/l	98
68) m/p-Xylenes	12.070	106	129835	40.605	ug/l	99
69) o-Xylene	12.400	106	63425	20.058	ug/l	97
70) Styrene	12.412	104	101584	20.147	ug/l	99
71) Bromoform	12.576	173	24966	20.295	ug/l #	96
73) Isopropylbenzene	12.700	105	161662	19.204	ug/l	99
74) N-amyl acetate	12.494	43	53135	17.066	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	48965	17.708	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	48660m	21.855	ug/l	
77) Bromobenzene	12.982	156	38529	20.786	ug/l	90
78) n-propylbenzene	13.035	91	188488	19.943	ug/l	99
79) 2-Chlorotoluene	13.123	91	116127	20.107	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	141182	19.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13489	15.552	ug/l	98
82) 4-Chlorotoluene	13.123	91	116127	20.107	ug/l	100
83) tert-Butylbenzene	13.441	119	125957	20.048	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	143448	20.051	ug/l	98
85) sec-Butylbenzene	13.617	105	175799	20.002	ug/l	99
86) p-Isopropyltoluene	13.729	119	148485	20.456	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	75076	20.686	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	75328	20.972	ug/l	100
89) n-Butylbenzene	14.059	91	123436	21.117	ug/l	99
90) Hexachloroethane	14.335	117	22904	17.210	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	74974	20.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9568	16.850	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	37597	24.215	ug/l	96
94) Hexachlorobutadiene	15.500	225	18267	24.134	ug/l	98
95) Naphthalene	15.641	128	118968	19.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35875	23.255	ug/l	99

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

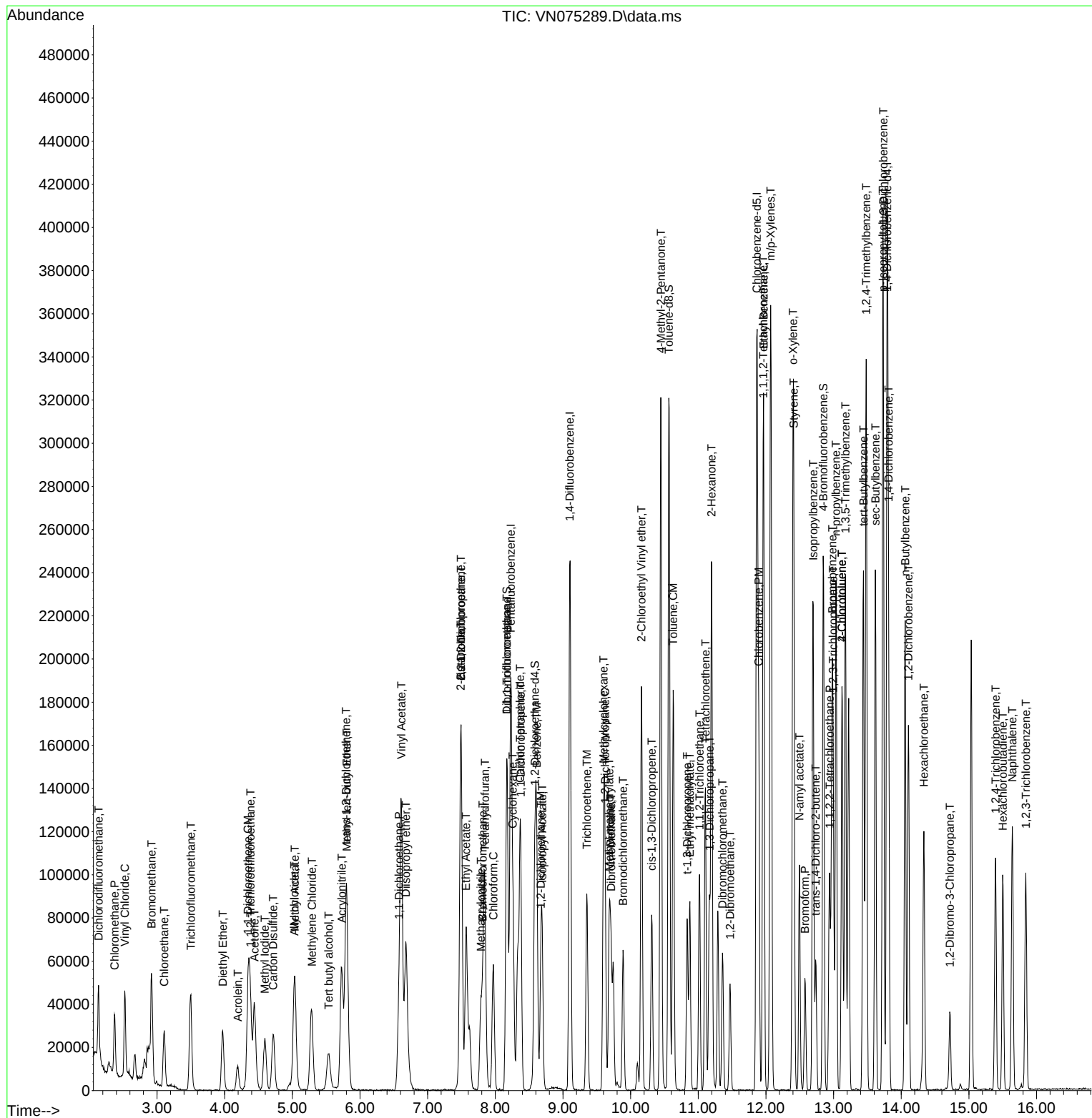
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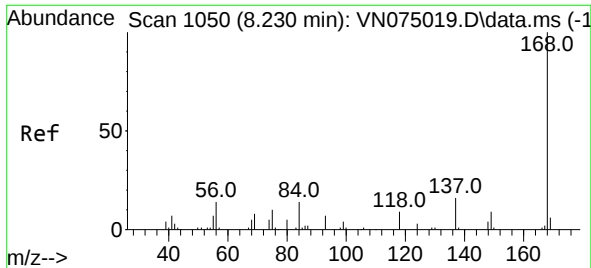
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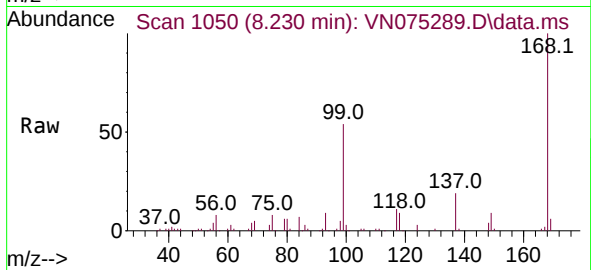
Reviewed By : John Carlone 11/17/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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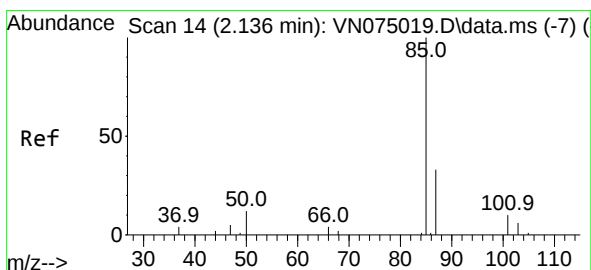
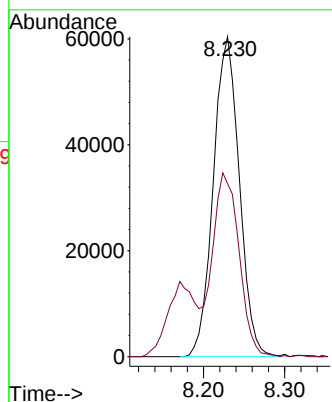
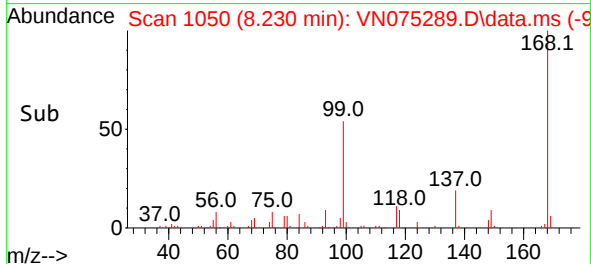
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Tgt Ion:168 Resp: 134265
Ion Ratio Lower Upper
168 100
99 54.0 51.6 77.4

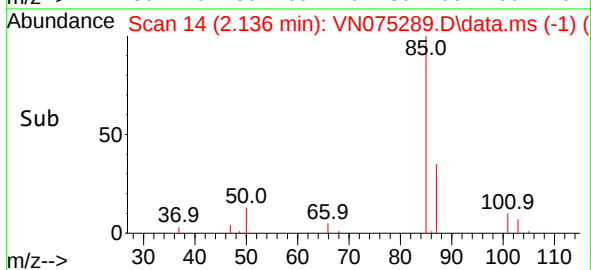
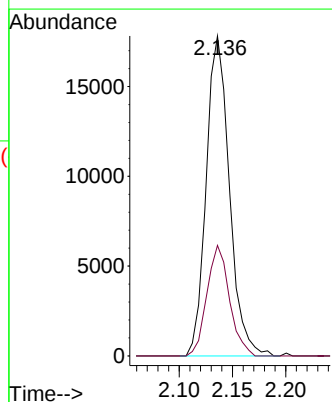
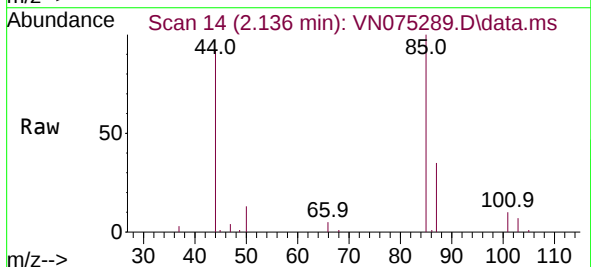
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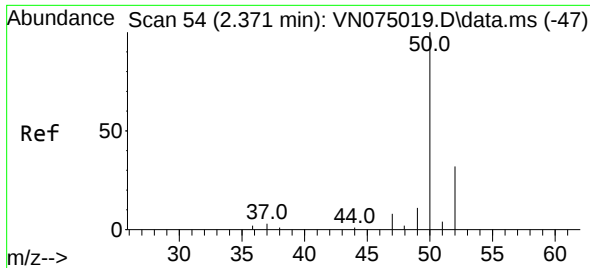
Reviewed By :John Carlone 11/17/2022
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#2
Dichlorodifluoromethane
Concen: 15.437 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 85 Resp: 26963
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.0





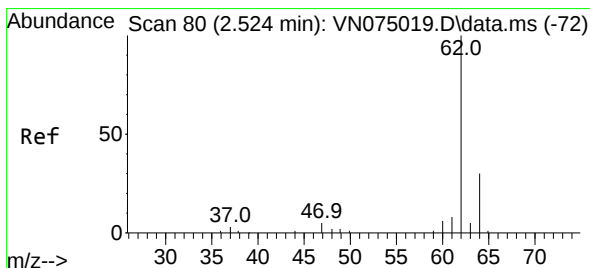
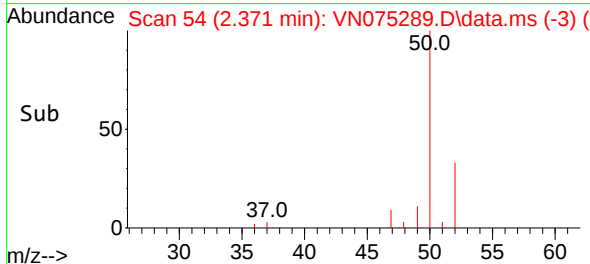
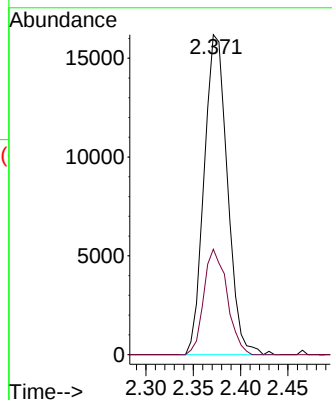
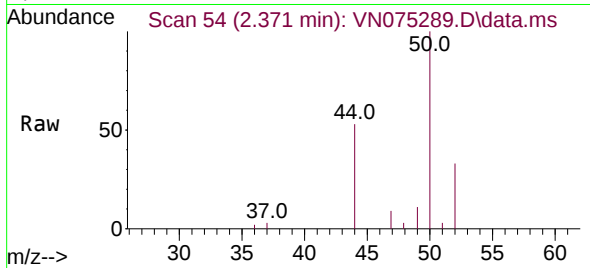
#3
Chloromethane
Concen: 14.955 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075289.D
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Tgt Ion: 50 Resp: 27745
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6

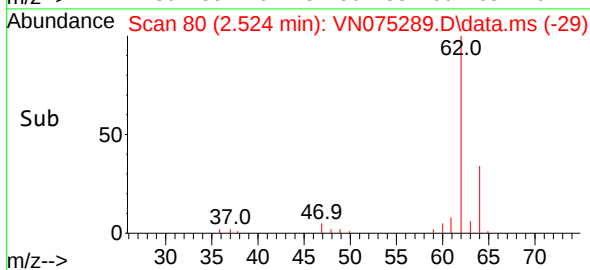
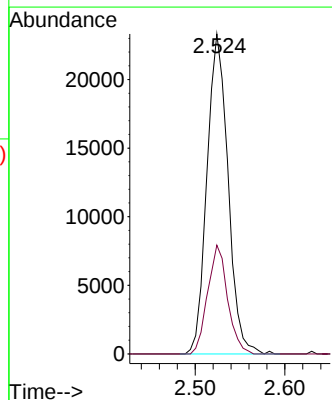
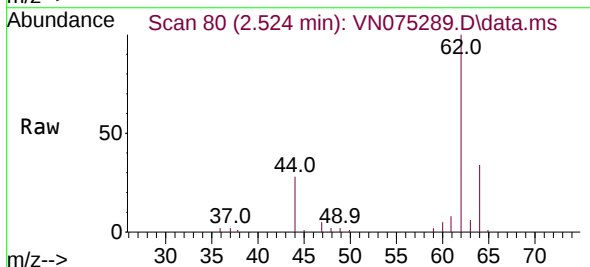
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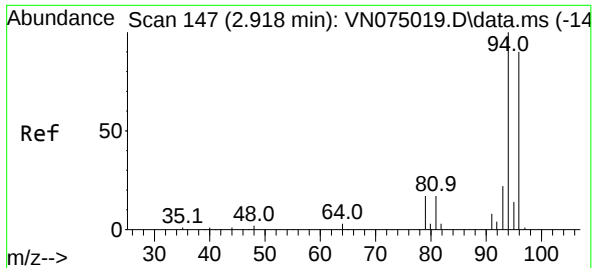
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#4
Vinyl Chloride
Concen: 14.411 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075289.D
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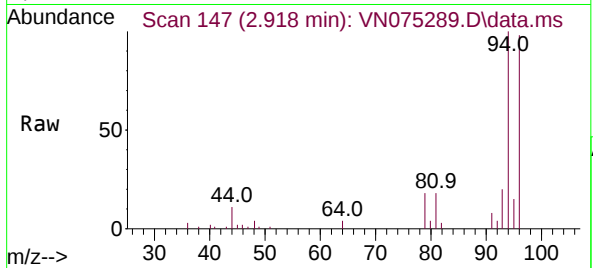
Tgt Ion: 62 Resp: 38142
Ion Ratio Lower Upper
62 100
64 34.0 24.0 36.0





#5
Bromomethane
Concen: 14.247 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075289.D
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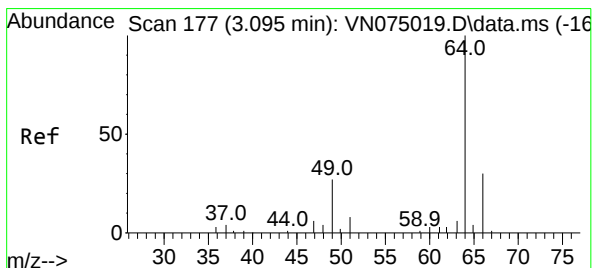
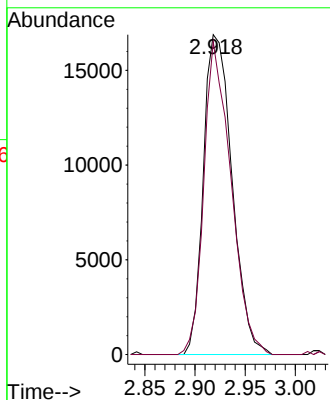
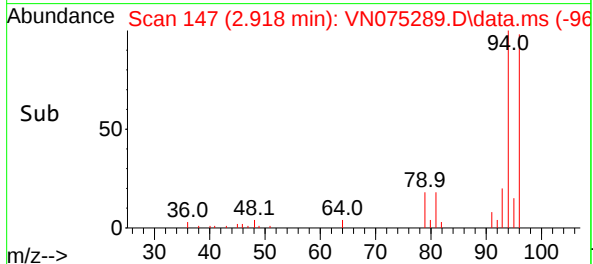
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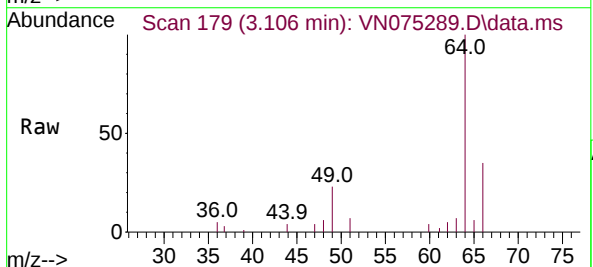
Tgt Ion: 94 Resp: 33576
Ion Ratio Lower Upper
94 100
96 97.8 71.8 107.6

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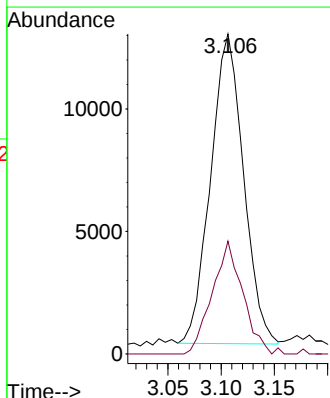
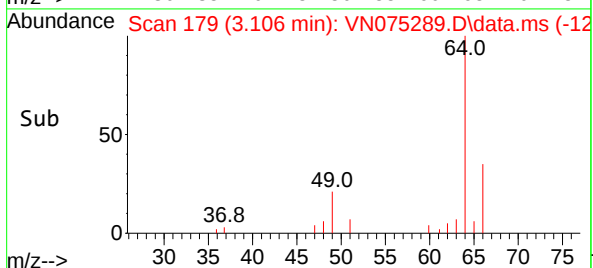
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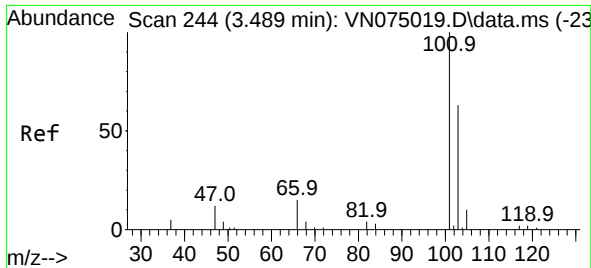


#6
Chloroethane
Concen: 14.321 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075289.D
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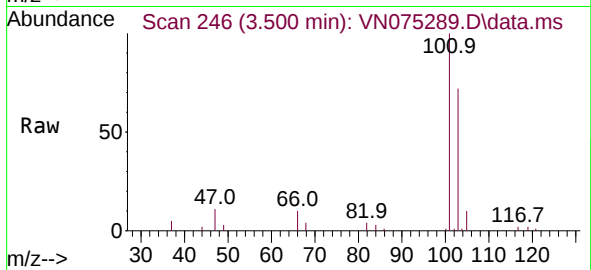
Tgt Ion: 64 Resp: 27180
Ion Ratio Lower Upper
64 100
66 36.4 23.8 35.8#





#7
 Trichlorofluoromethane
 Concen: 18.391 ug/l
 RT: 3.500 min Scan# 244
 Delta R.T. 0.011 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37

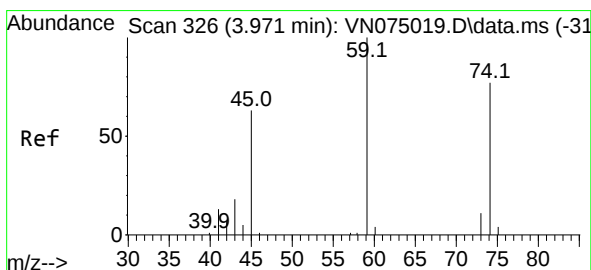
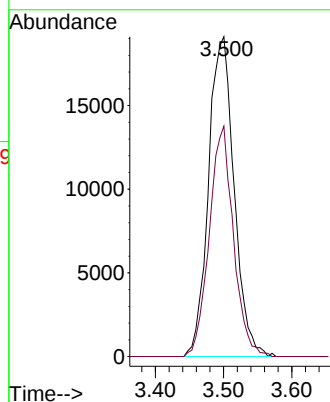
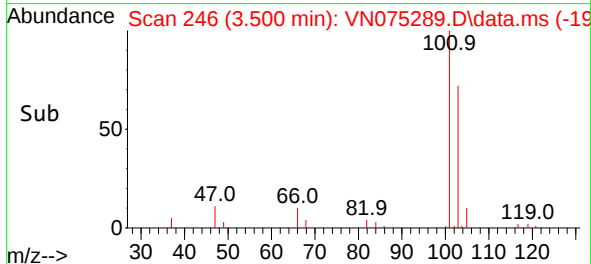
Instrument :
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Tgt Ion:101 Resp: 49723
 Ion Ratio Lower Upper
 101 100
 103 72.0 50.5 75.7

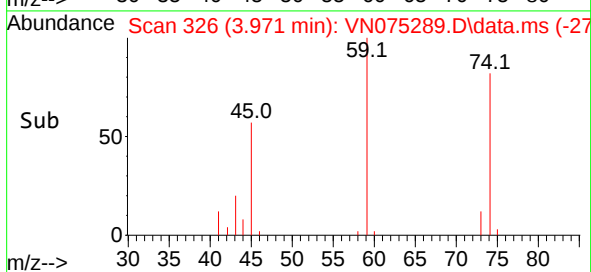
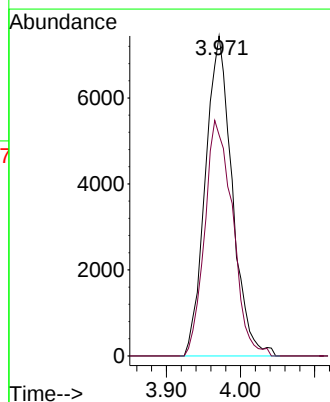
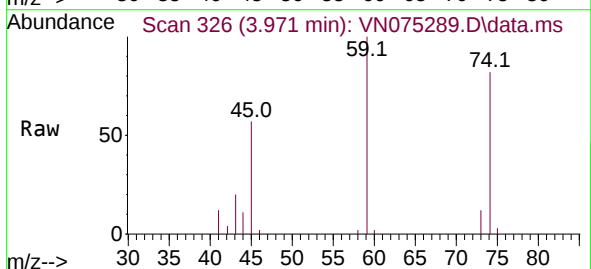
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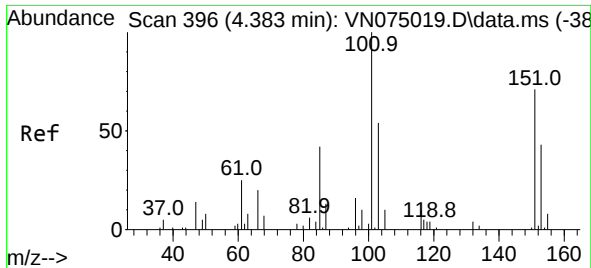
Reviewed By :John Carlone 11/17/2022
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#8
 Diethyl Ether
 Concen: 18.946 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075289.D
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Tgt Ion: 74 Resp: 18684
 Ion Ratio Lower Upper
 74 100
 45 76.8 39.3 117.9





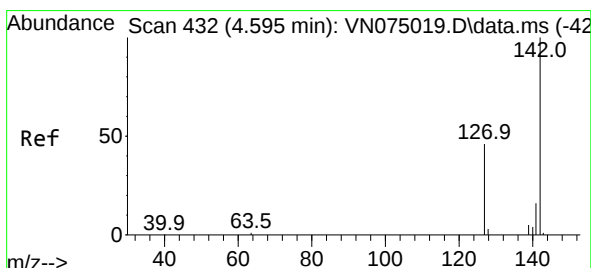
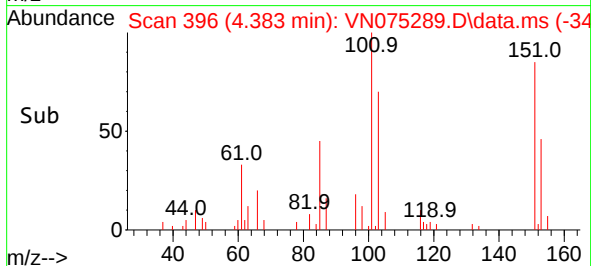
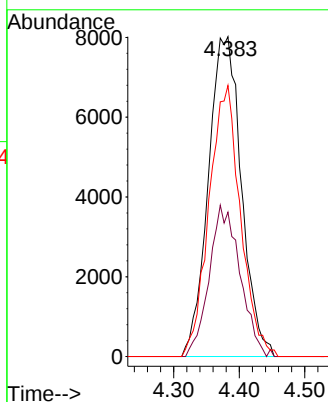
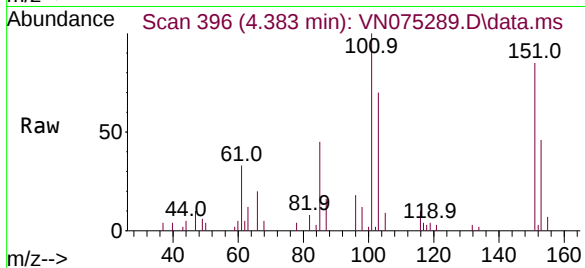
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.858 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:101 Resp: 28158
Ion Ratio Lower Upper
101 100
85 44.1 37.6 56.4
151 80.3 58.3 87.5

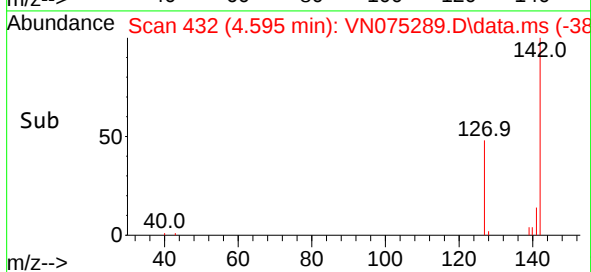
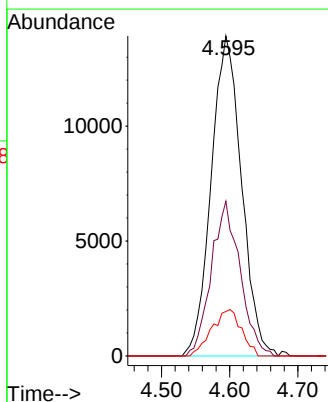
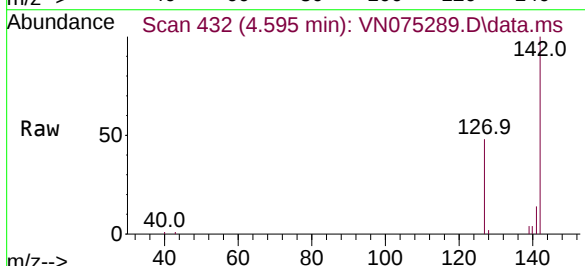
Manual Integrations
APPROVED

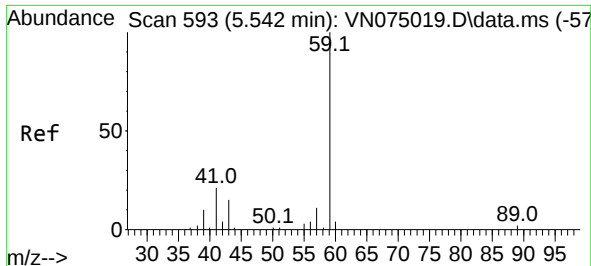
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 19.279 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion:142 Resp: 42854
Ion Ratio Lower Upper
142 100
127 45.9 38.0 57.0
141 14.2 12.2 18.4





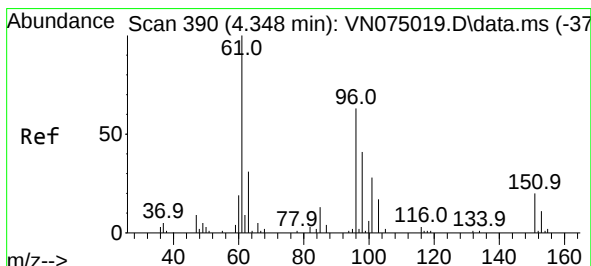
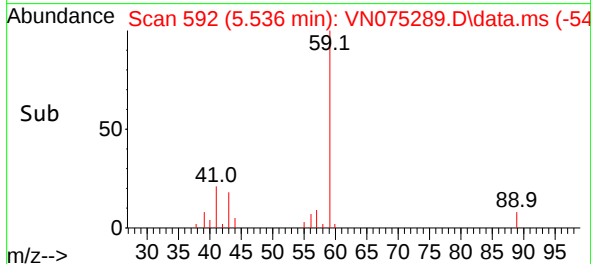
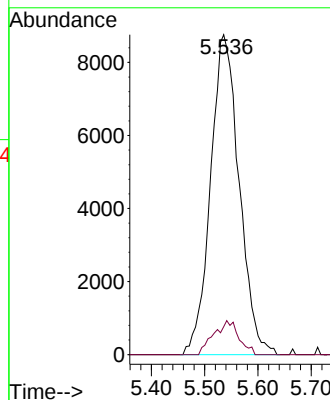
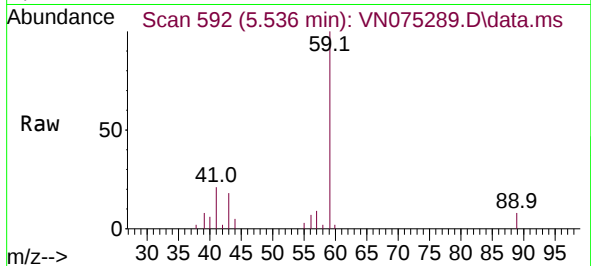
#11
Tert butyl alcohol
Concen: 77.610 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 59 Resp: 32742
Ion Ratio Lower Upper
59 100
57 9.2 8.5 12.7

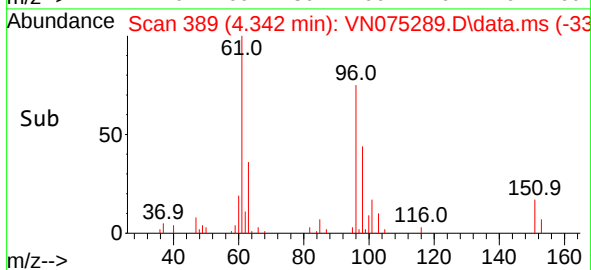
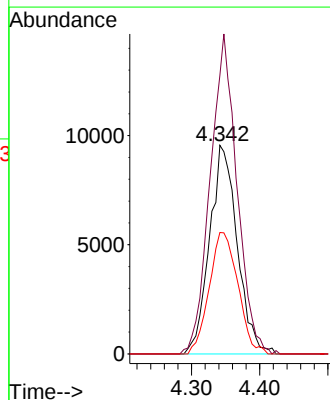
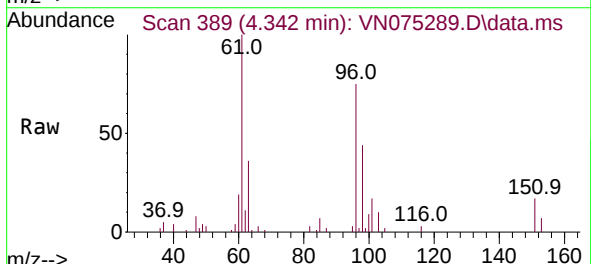
Manual Integrations
APPROVED

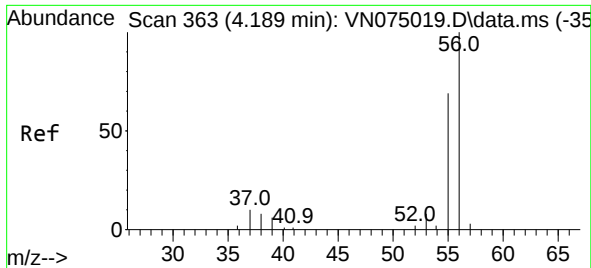
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#12
1,1-Dichloroethene
Concen: 18.891 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 96 Resp: 26886
Ion Ratio Lower Upper
96 100
61 133.5 126.2 189.4
98 58.2 51.5 77.3





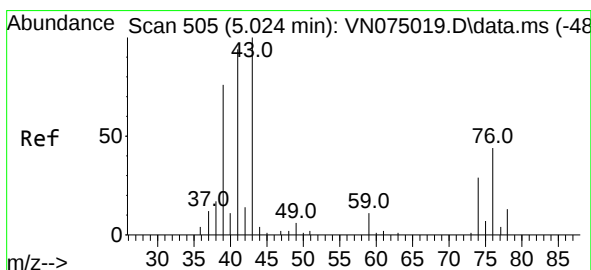
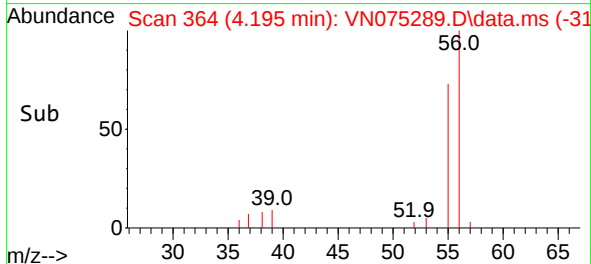
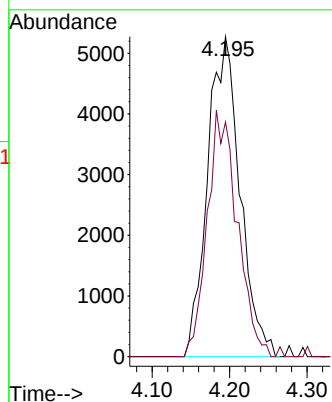
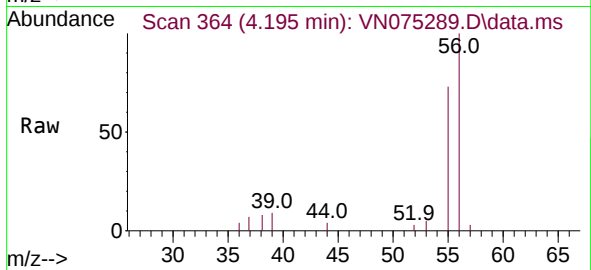
#13
Acrolein
Concen: 44.492 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8

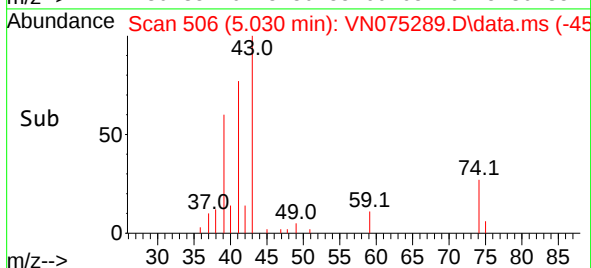
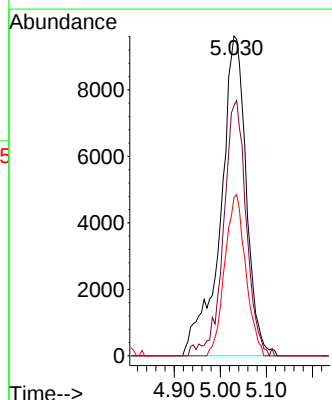
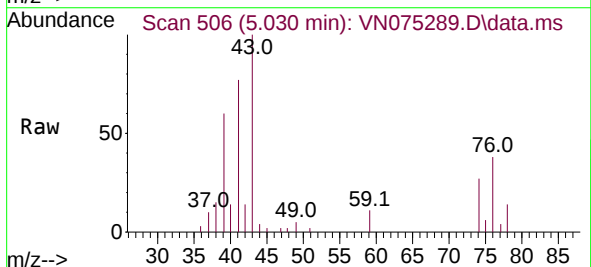
Manual Integrations
APPROVED

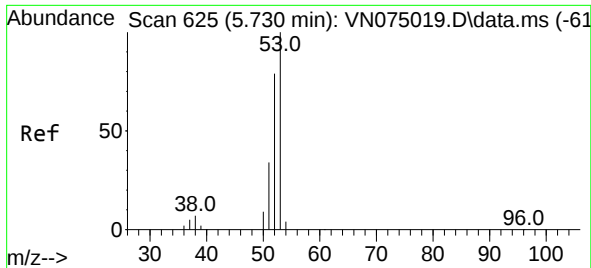
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#14
Allyl chloride
Concen: 18.011 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

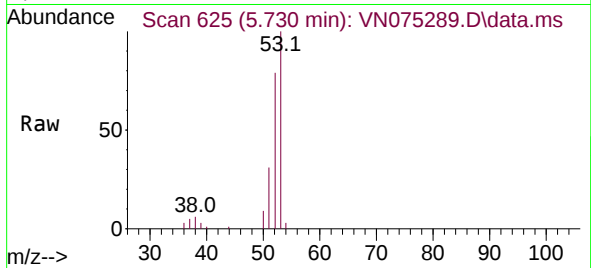
Tgt Ion: 41 Resp: 37438
Ion Ratio Lower Upper
41 100
39 69.5 61.0 91.4
76 41.1 33.4 50.0





#15
Acrylonitrile
Concen: 85.838 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

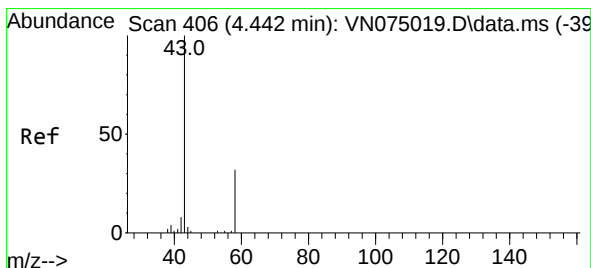
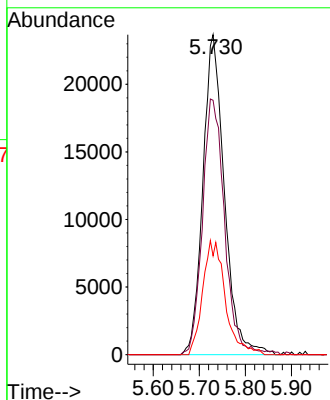
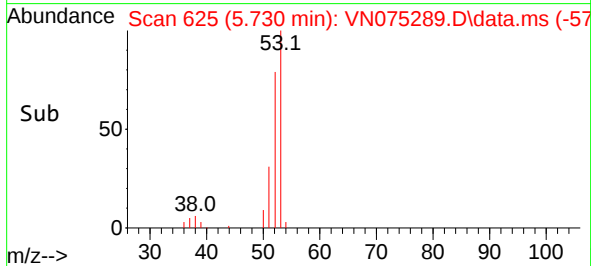
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 53 Resp: 76498
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 37.3 29.6 44.4

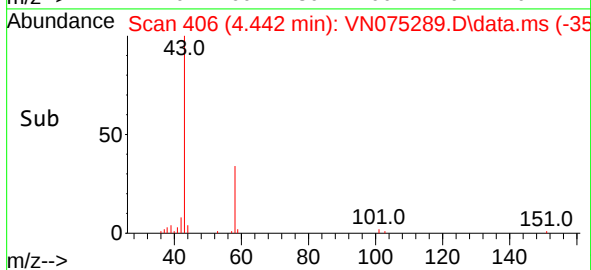
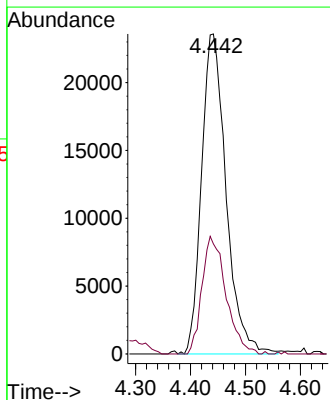
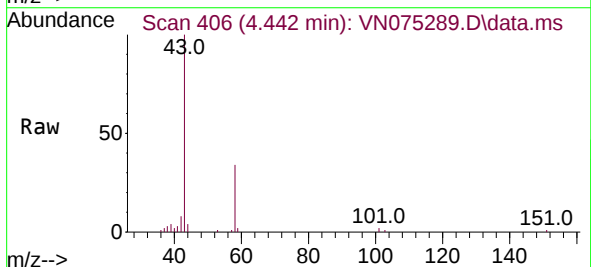
Manual Integrations
APPROVED

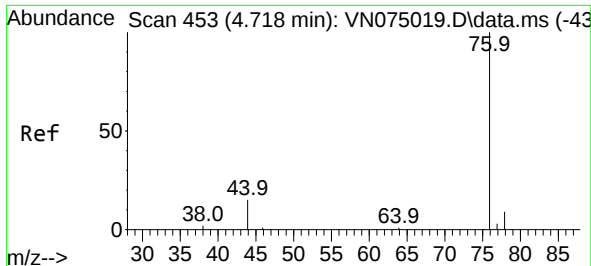
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Acetone
Concen: 95.278 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

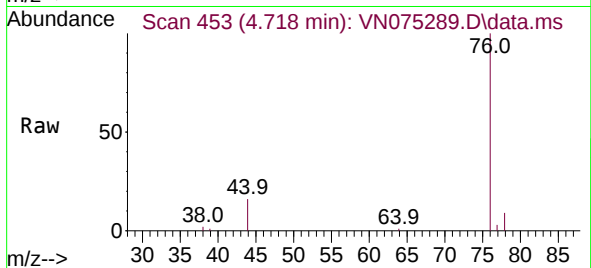
Tgt Ion: 43 Resp: 72983
Ion Ratio Lower Upper
43 100
58 34.4 25.5 38.3





#17
Carbon Disulfide
Concen: 17.198 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

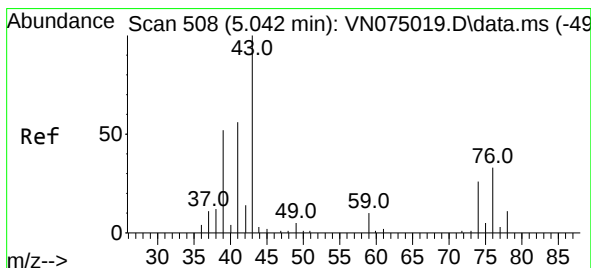
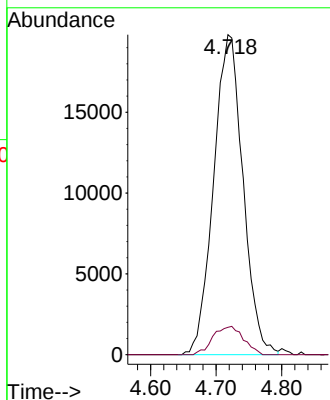
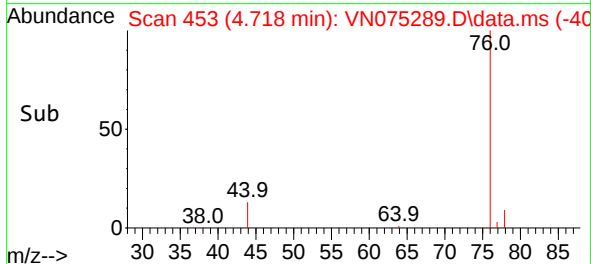
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



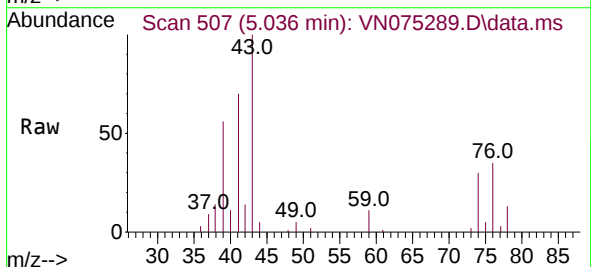
Tgt Ion: 76 Resp: 61554
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

Manual Integrations
APPROVED

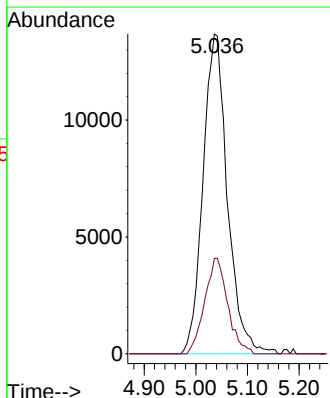
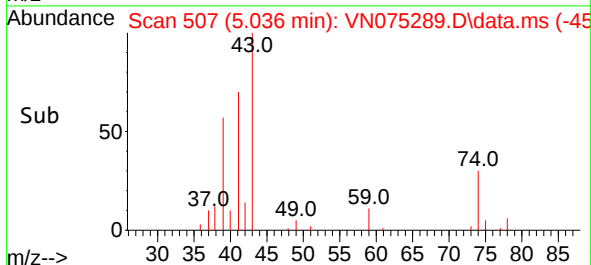
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

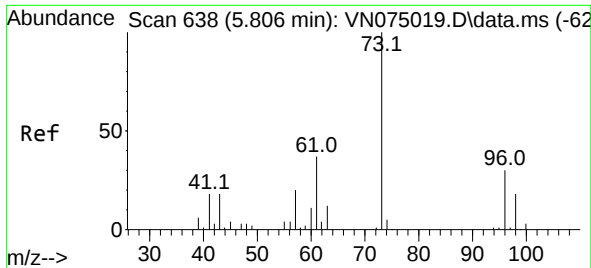


#18
Methyl Acetate
Concen: 17.989 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion: 43 Resp: 45011
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0





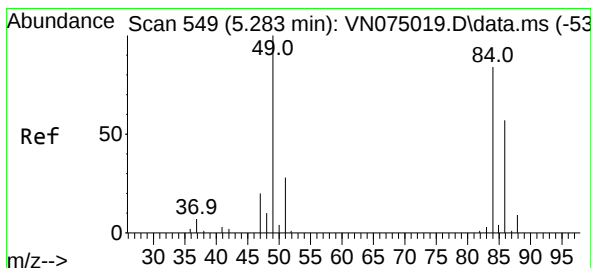
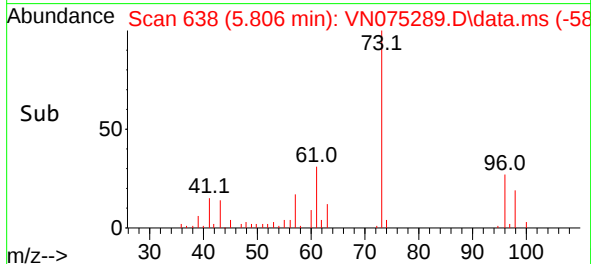
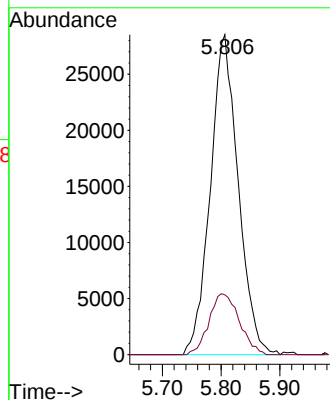
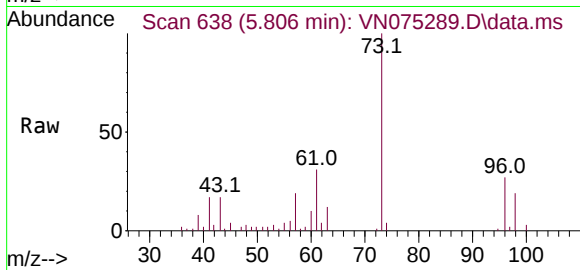
#19
Methyl tert-butyl Ether
Concen: 17.763 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 73 Resp: 93964
Ion Ratio Lower Upper
73 100
57 18.7 16.3 24.5

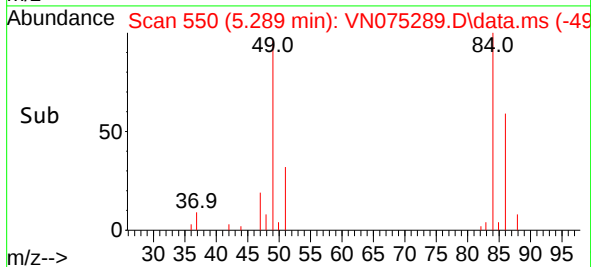
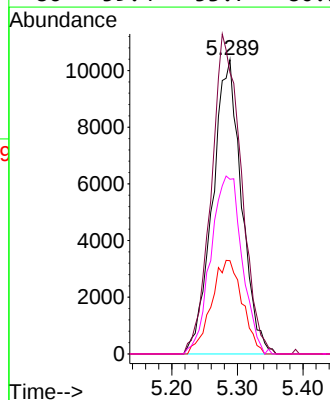
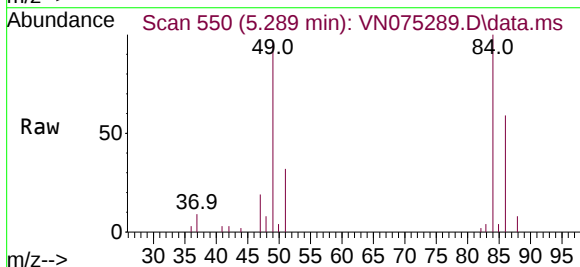
Manual Integrations
APPROVED

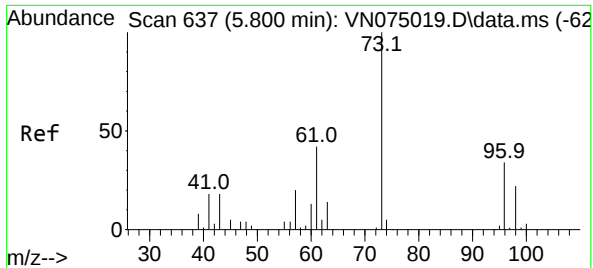
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 18.636 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 84 Resp: 31828
Ion Ratio Lower Upper
84 100
49 95.6 94.9 142.3
51 31.7 26.8 40.2
86 59.4 53.7 80.5





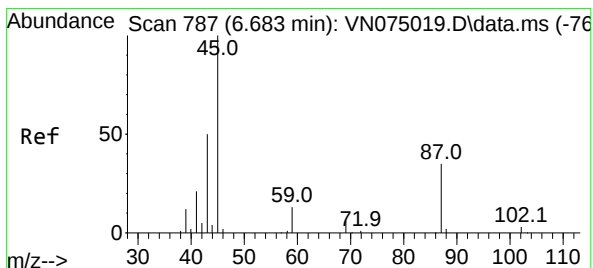
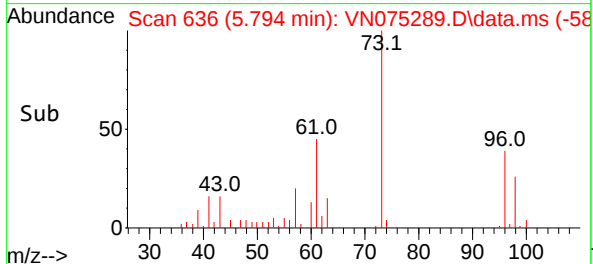
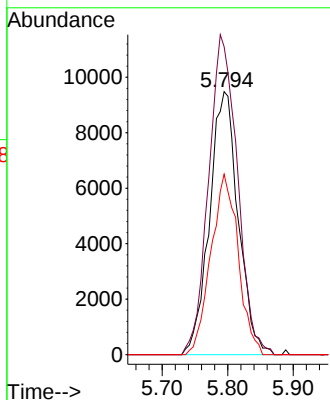
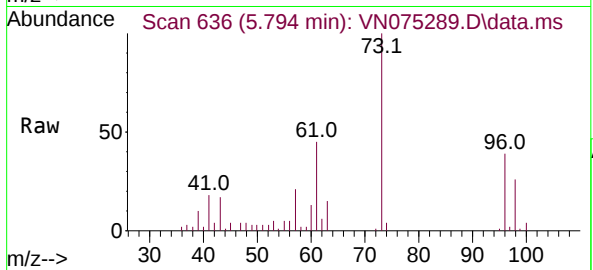
#21
trans-1,2-Dichloroethene
Concen: 18.553 ug/l
RT: 5.794 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 96 Resp: 28912
Ion Ratio Lower Upper
96 100
61 117.1 99.9 149.9
98 68.6 51.5 77.3

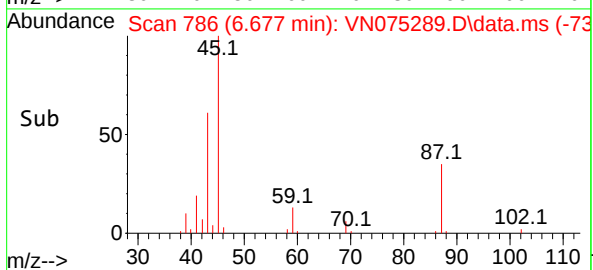
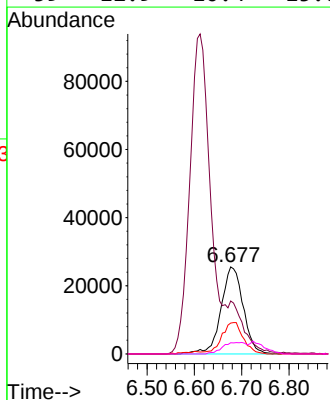
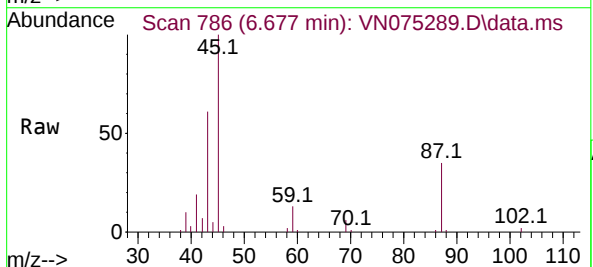
Manual Integrations
APPROVED

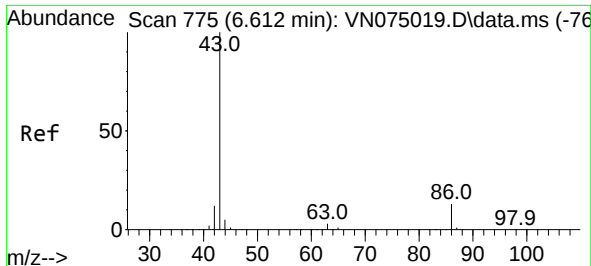
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#22
Diisopropyl ether
Concen: 18.087 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

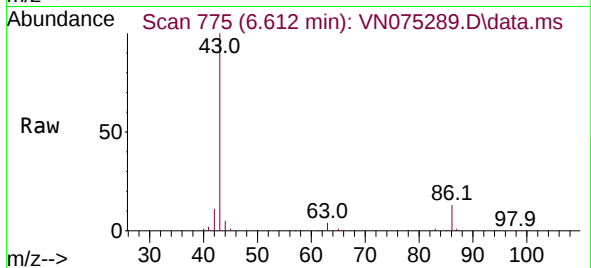
Tgt Ion: 45 Resp: 82968
Ion Ratio Lower Upper
45 100
43 58.9 42.8 64.2
87 35.4 28.4 42.6
59 12.9 10.4 15.6





#23
 Vinyl Acetate
 Concen: 83.863 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37

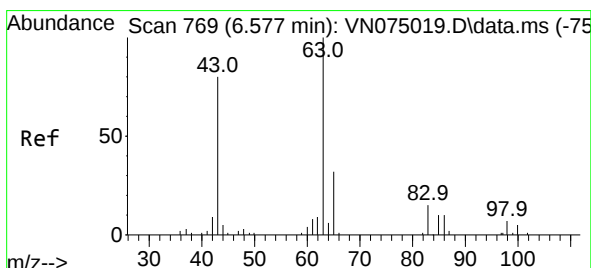
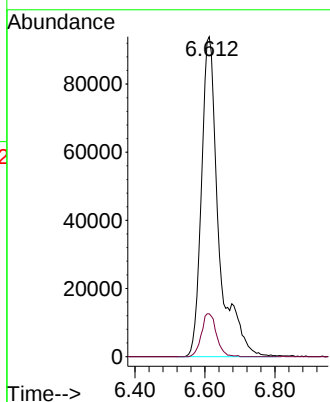
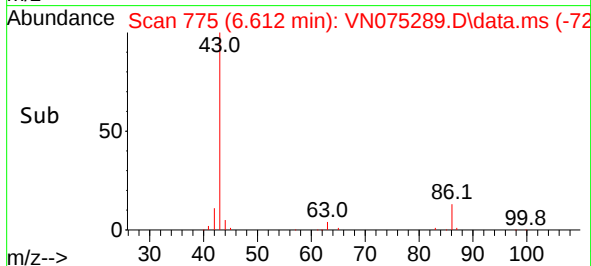
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



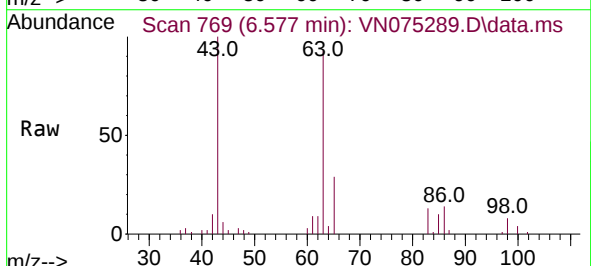
Tgt Ion: 43 Resp: 321244
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

Manual Integrations
 APPROVED

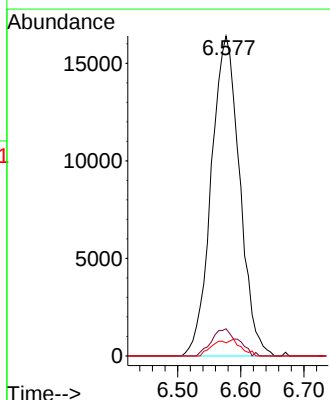
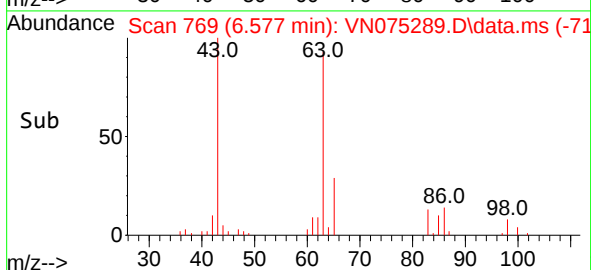
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

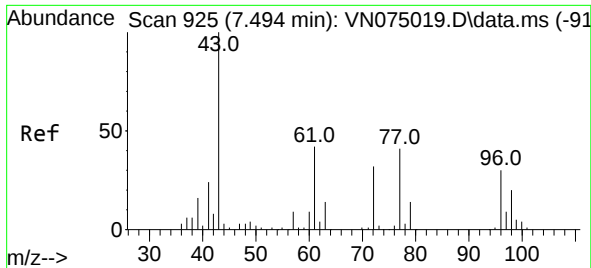


#24
 1,1-Dichloroethane
 Concen: 17.633 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37



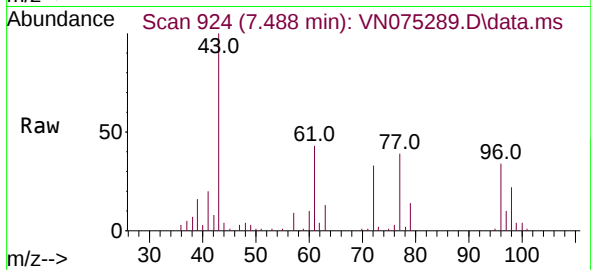
Tgt Ion: 63 Resp: 51157
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 4.1 2.4 7.2





#25
2-Butanone
Concen: 83.173 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

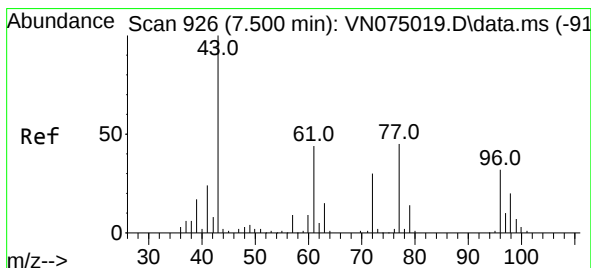
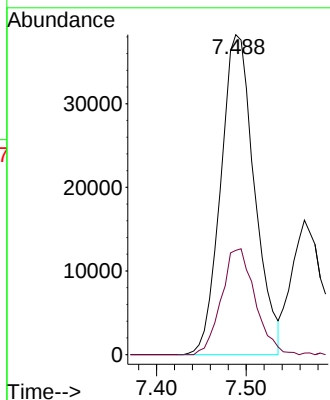
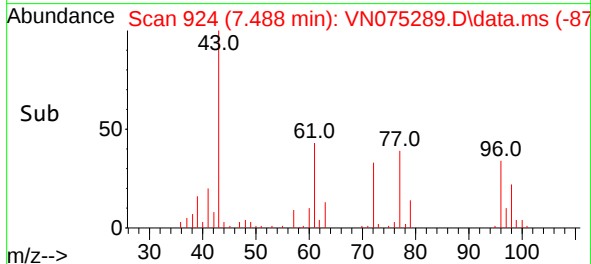
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 43 Resp: 100210
Ion Ratio Lower Upper
43 100
72 32.6 25.5 38.3

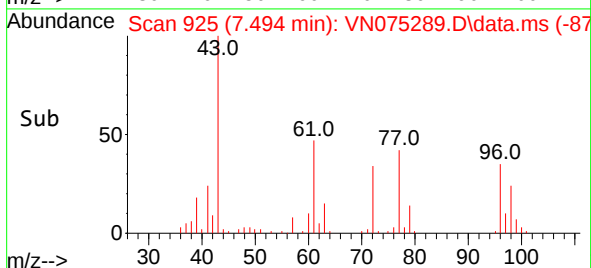
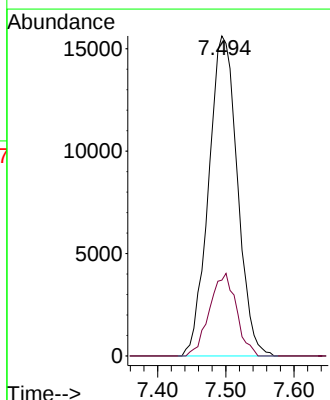
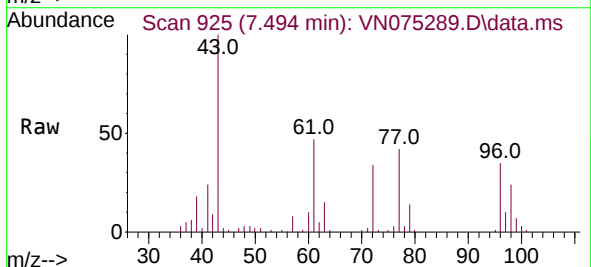
Manual Integrations
APPROVED

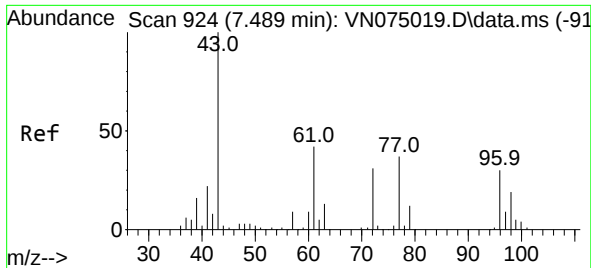
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#26
2,2-Dichloropropane
Concen: 17.127 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

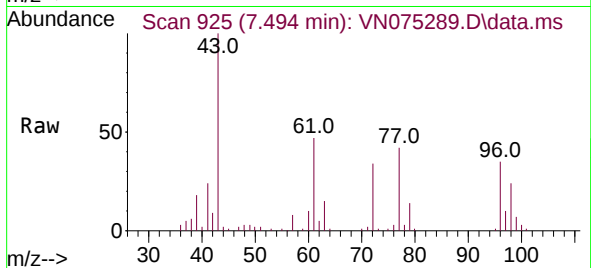
Tgt Ion: 77 Resp: 45712
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 19.162 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

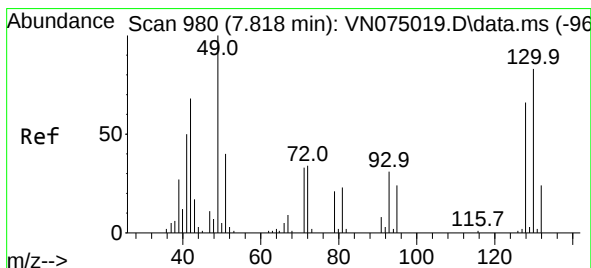
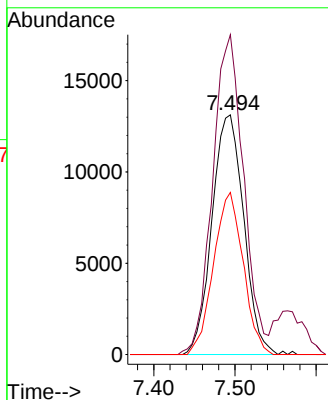
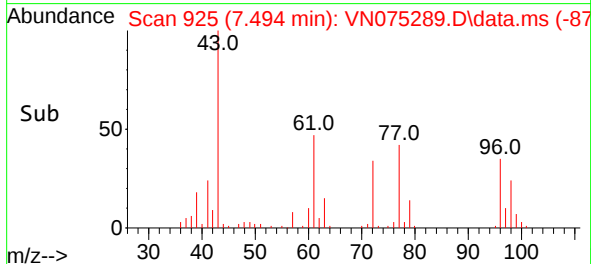
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 96 Resp: 35659
Ion Ratio Lower Upper
96 100
61 130.4 0.0 278.8
98 63.3 0.0 128.4

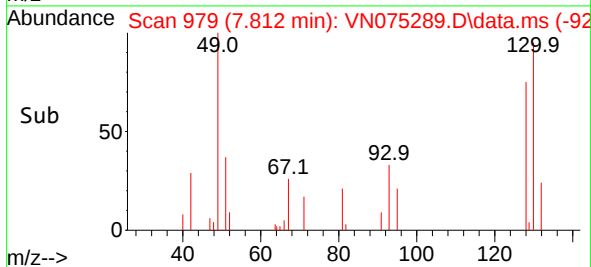
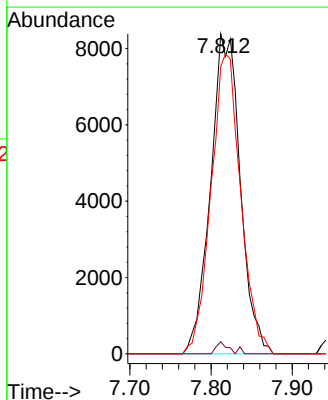
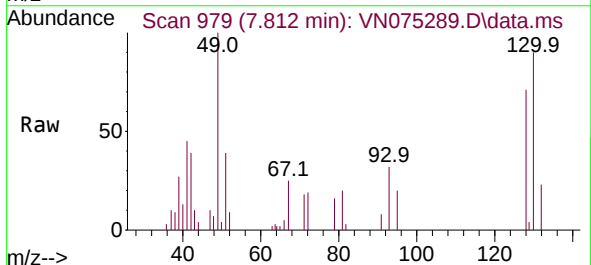
Manual Integrations
APPROVED

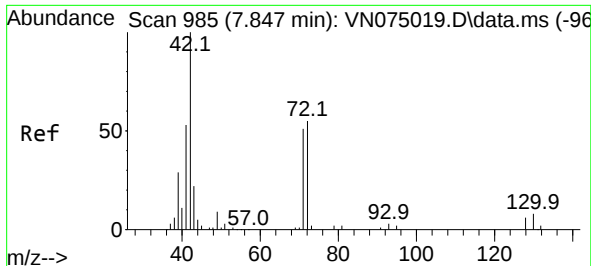
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#28
Bromochloromethane
Concen: 17.430 ug/l
RT: 7.812 min Scan# 979
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 49 Resp: 21317
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 93.4 66.2 99.4





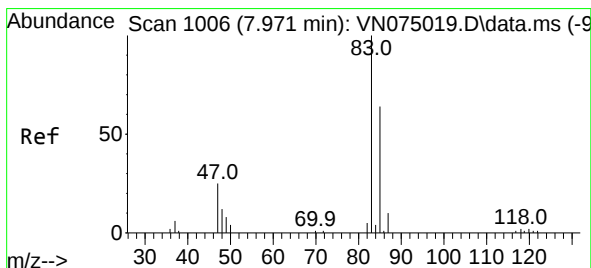
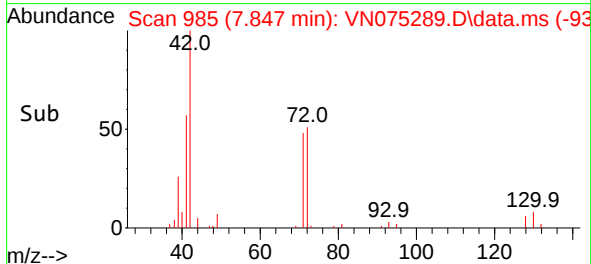
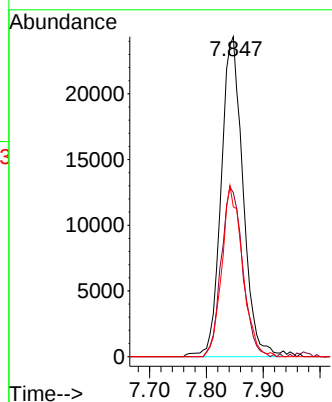
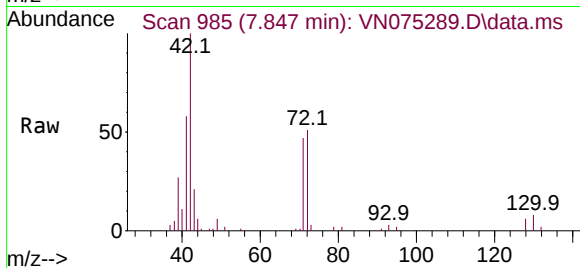
#29
Tetrahydrofuran
Concen: 83.240 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 42 Resp: 6480
Ion Ratio Lower Upper
42 100
72 51.9 43.0 64.6
71 50.5 39.9 59.9

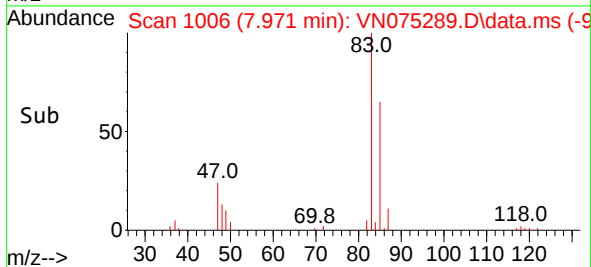
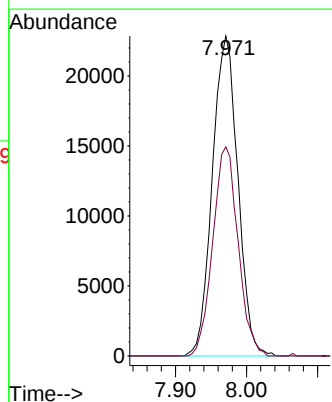
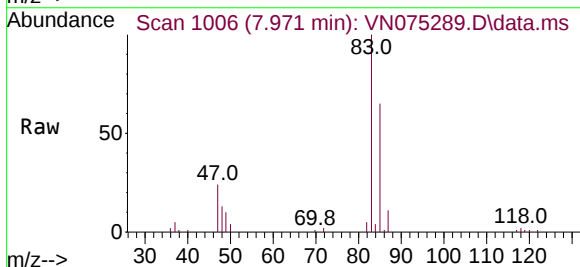
Manual Integrations
APPROVED

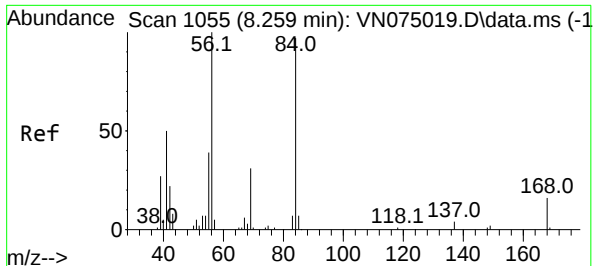
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#30
Chloroform
Concen: 18.091 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

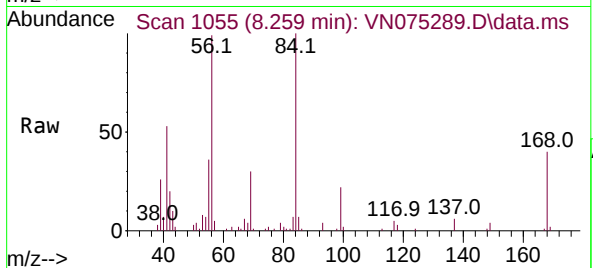
Tgt Ion: 83 Resp: 56987
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0





#31
Cyclohexane
Concen: 17.711 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

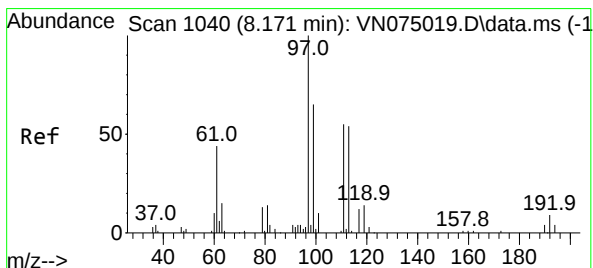
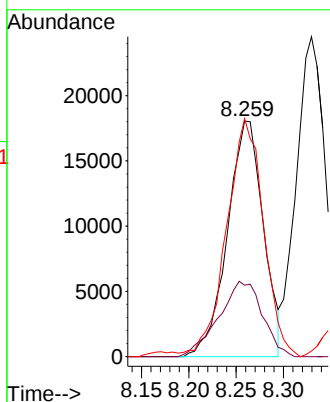
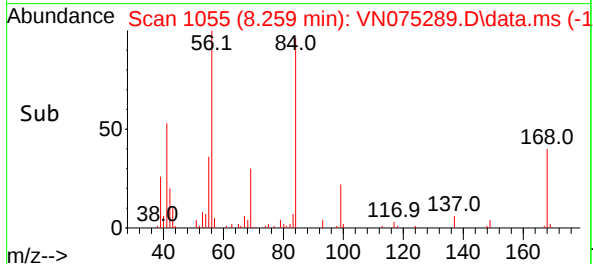
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



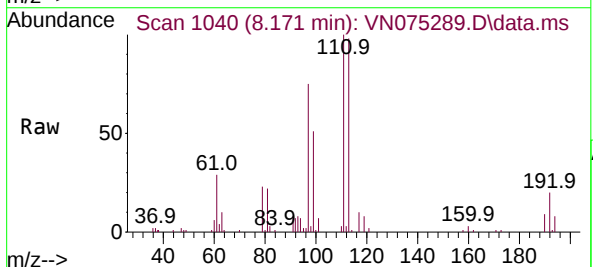
Tgt Ion: 56 Resp: 47653
Ion Ratio Lower Upper
56 100
69 30.3 25.2 37.8
84 99.5 77.8 116.8

Manual Integrations
APPROVED

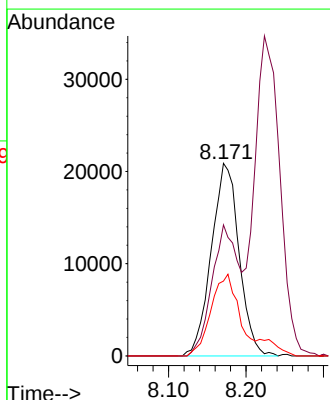
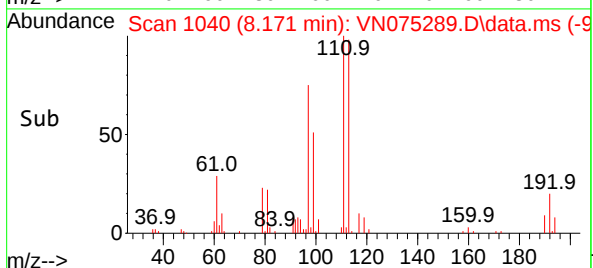
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

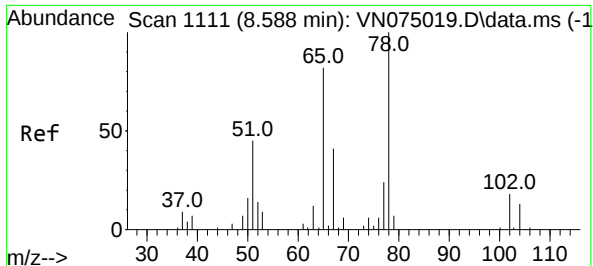


#32
1,1,1-Trichloroethane
Concen: 18.150 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion: 97 Resp: 51917
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 42.9 37.0 55.6





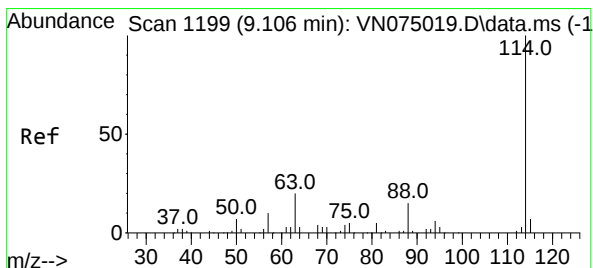
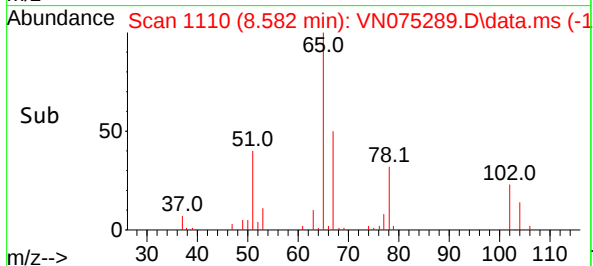
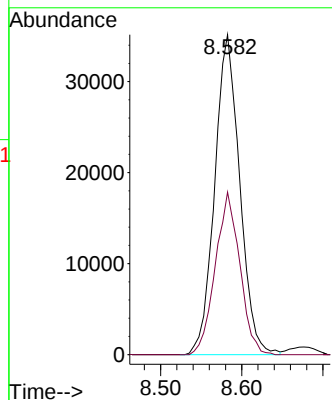
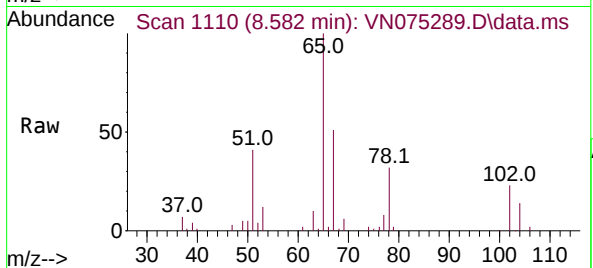
#33
1,2-Dichloroethane-d4
Concen: 41.612 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 65 Resp: 75278
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.0

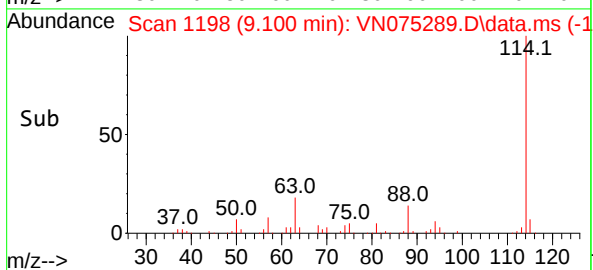
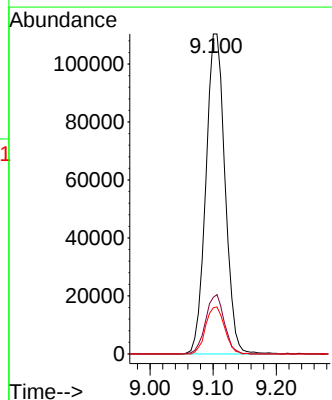
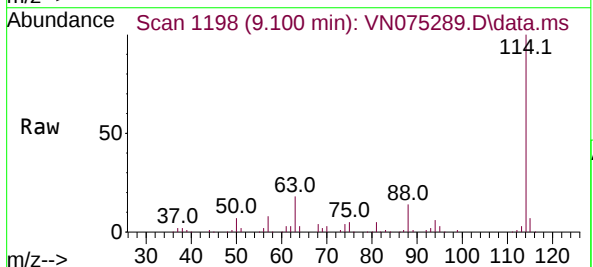
Manual Integrations
APPROVED

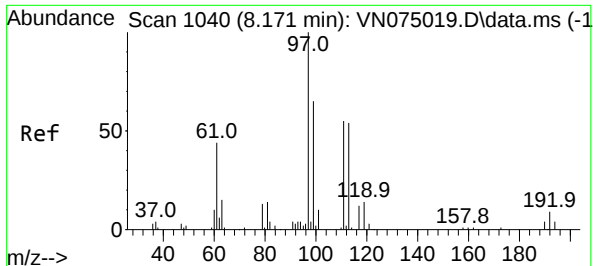
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion:114 Resp: 231731
Ion Ratio Lower Upper
114 100
63 17.7 0.0 39.6
88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.548 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

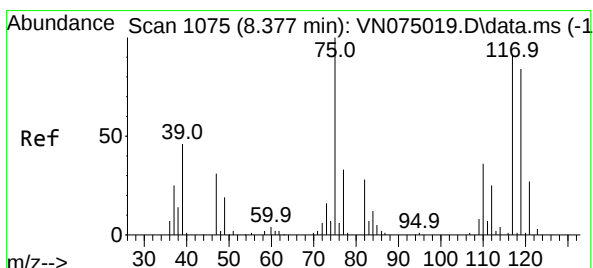
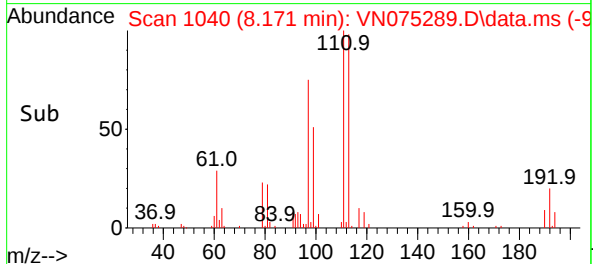
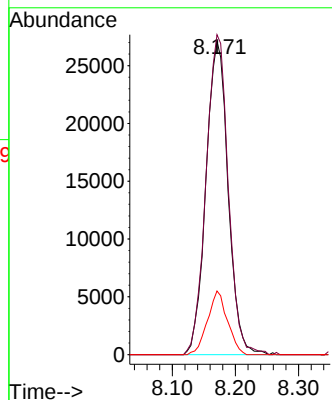
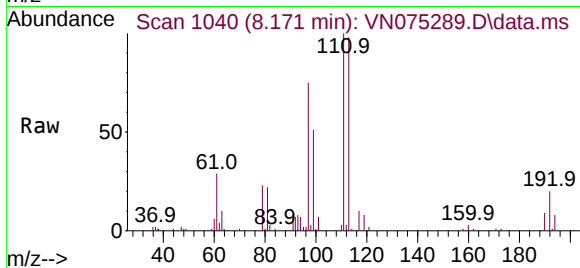
Tgt Ion:	113	Resp:	6604
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.5	120.7
192	18.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#36

1,1-Dichloropropene

Concen: 19.694 ug/l

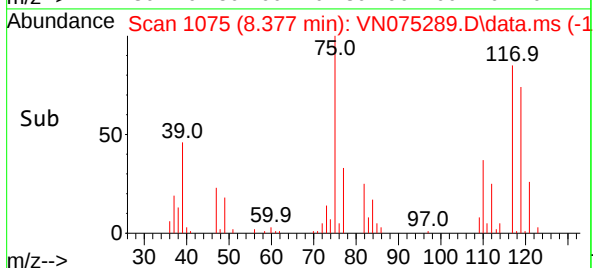
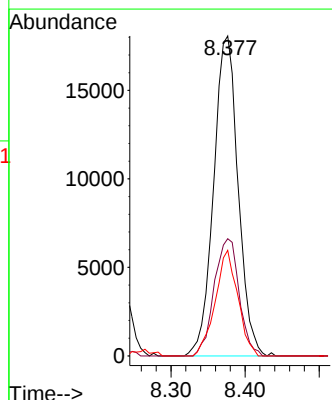
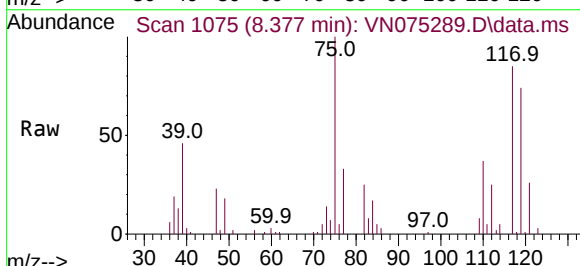
RT: 8.377 min Scan# 1075

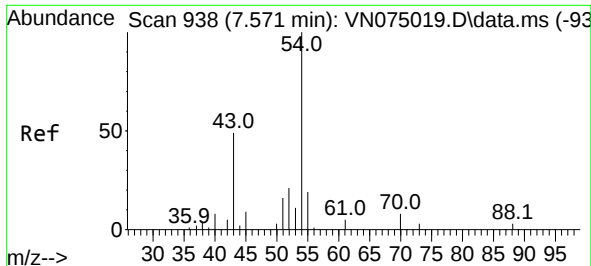
Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Tgt Ion:	75	Resp:	41478
Ion Ratio	Lower	Upper	
75	100		
110	37.4	17.8	53.3
77	30.5	24.6	37.0





#37

Ethyl Acetate

Concen: 17.369 ug/l

RT: 7.565 min Scan# 938

Delta R.T. -0.006 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

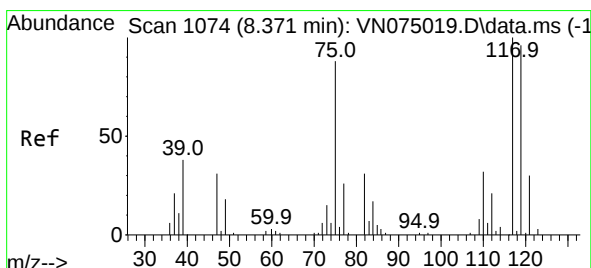
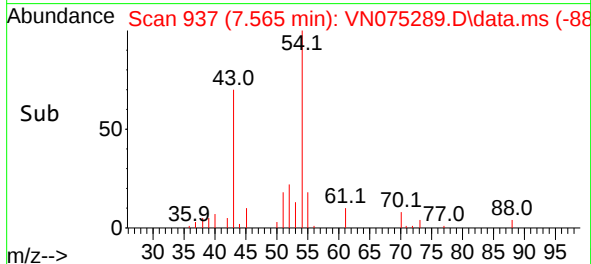
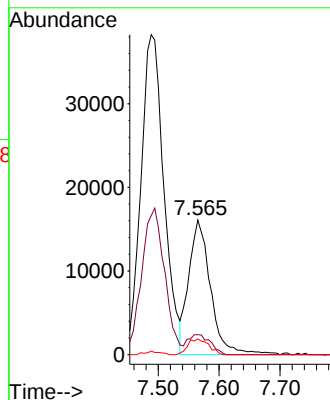
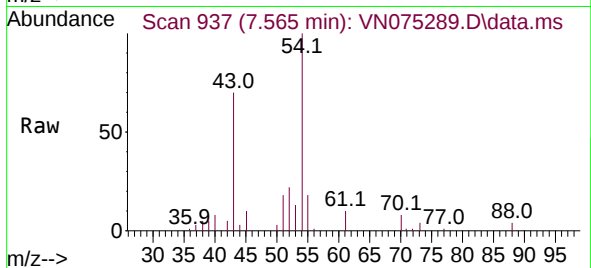
Tgt Ion:	43	Resp:	4011
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.4
70	10.9	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#38

Carbon Tetrachloride

Concen: 20.093 ug/l

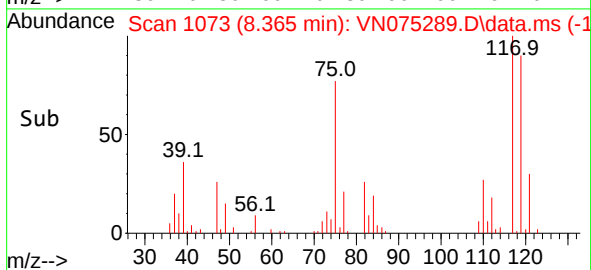
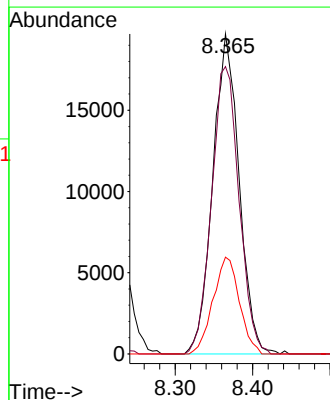
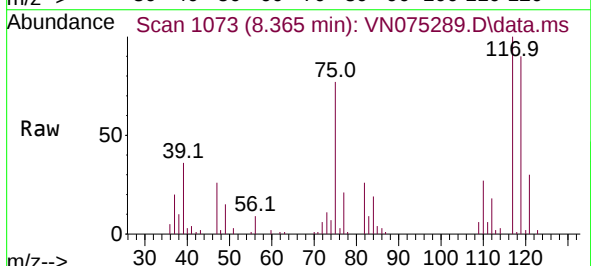
RT: 8.365 min Scan# 1073

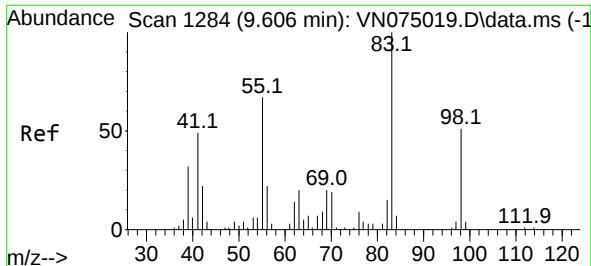
Delta R.T. -0.006 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Tgt Ion:	117	Resp:	46551
Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.7	115.1
121	30.2	23.9	35.9





#39

Methylcyclohexane

Concen: 19.200 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 83 Resp: 53383

Ion Ratio Lower Upper

83 100

55 63.5 53.6 80.4

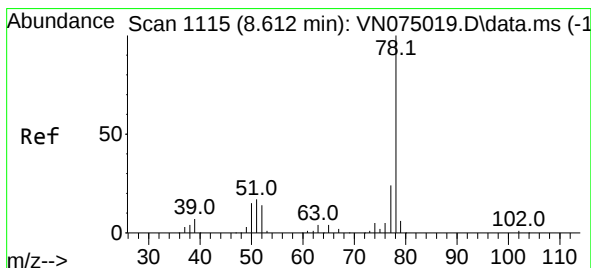
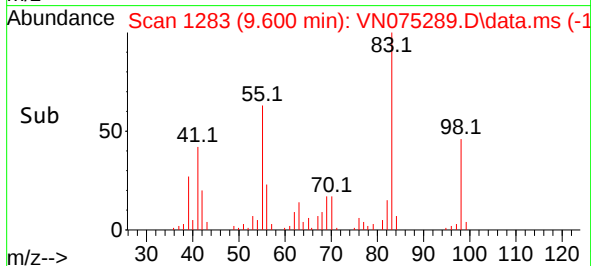
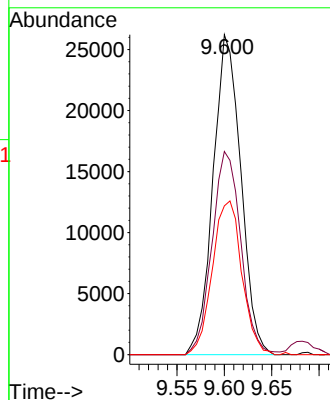
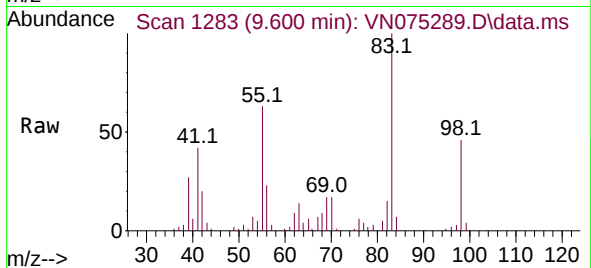
98 46.5 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#40

Benzene

Concen: 19.596 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075289.D

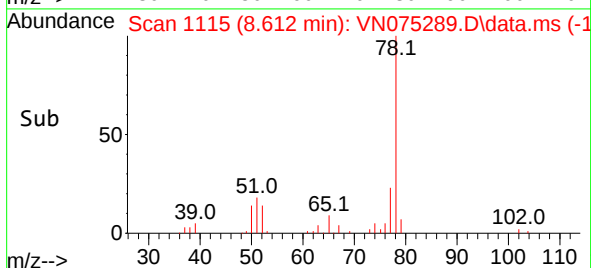
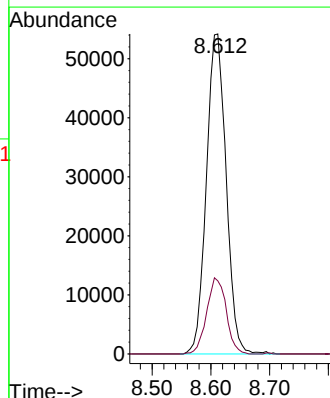
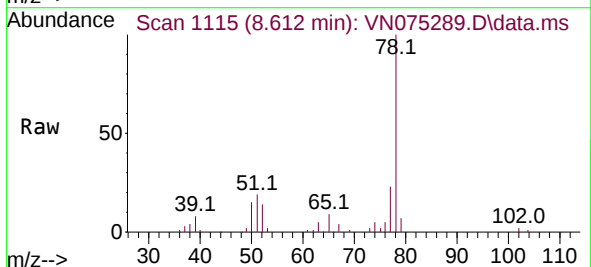
Acq: 16 Nov 2022 15:37

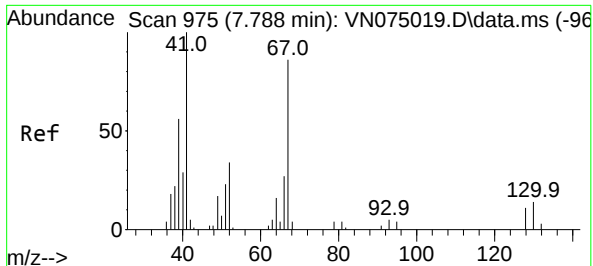
Tgt Ion: 78 Resp: 126369

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0





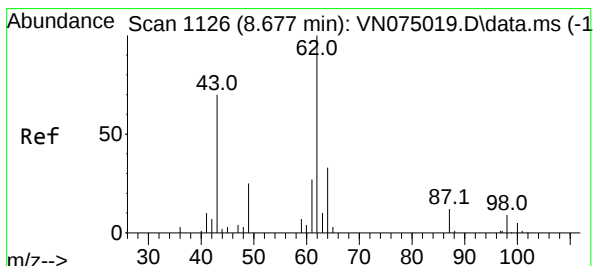
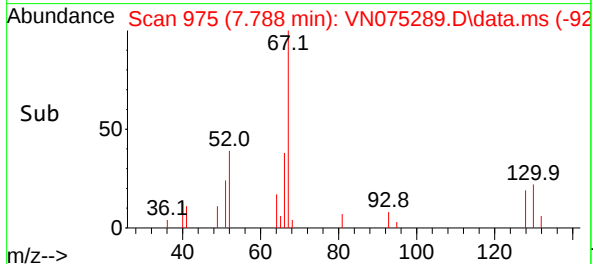
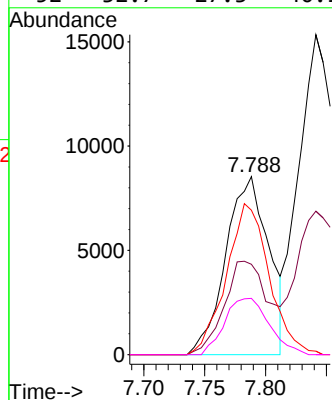
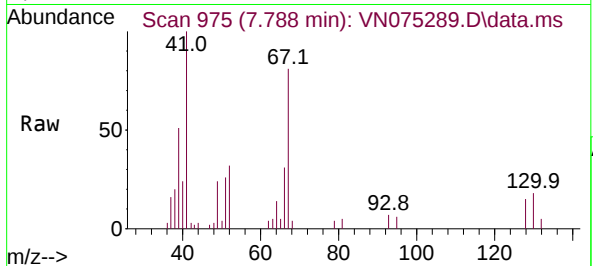
#41
Methacrylonitrile
Concen: 18.969 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 41	Resp: 2099
Ion Ratio	Lower Upper
41 100	
39 54.1	44.4 66.6
67 84.3	69.8 104.6
52 32.7	27.3 40.9

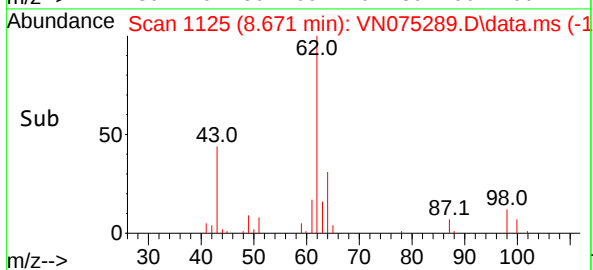
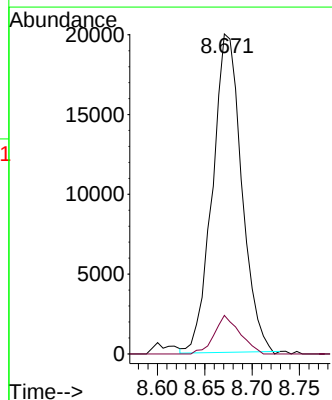
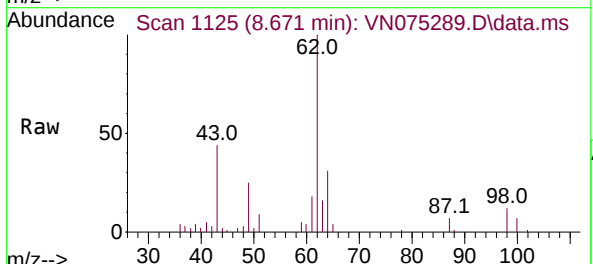
Manual Integrations
APPROVED

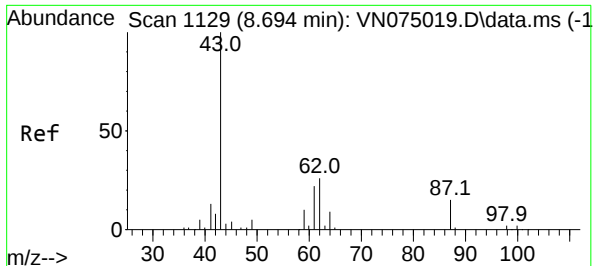
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#42
1,2-Dichloroethane
Concen: 18.254 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

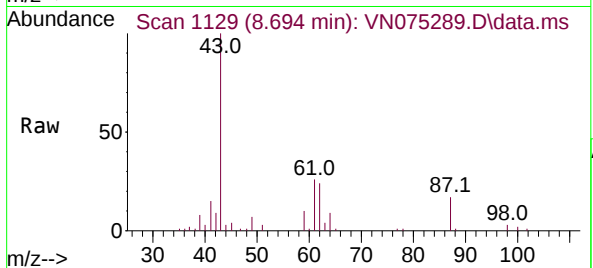
Tgt Ion: 62	Resp: 42826
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 18.2





#43
Isopropyl Acetate
Concen: 17.654 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

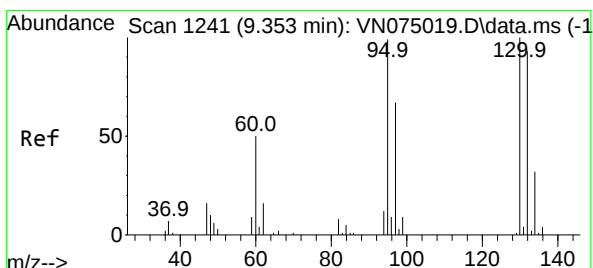
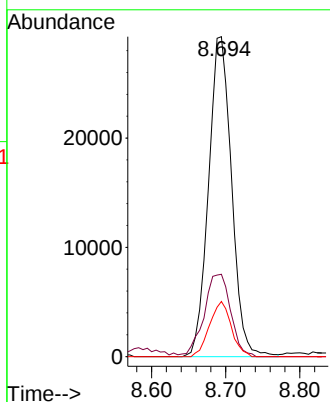
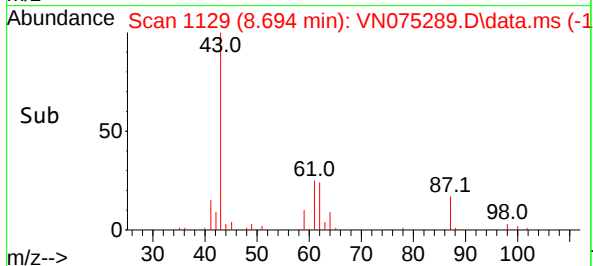
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



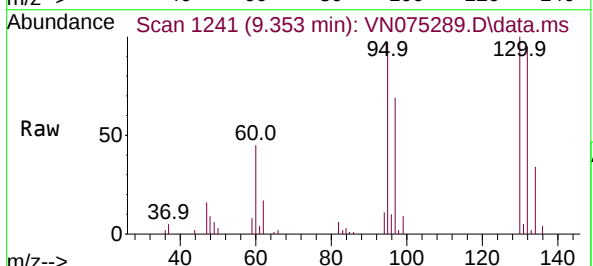
Tgt Ion: 43 Resp: 63248
Ion Ratio Lower Upper
43 100
61 29.7 22.4 33.6
87 16.2 12.5 18.7

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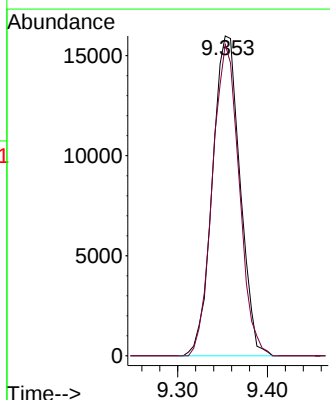
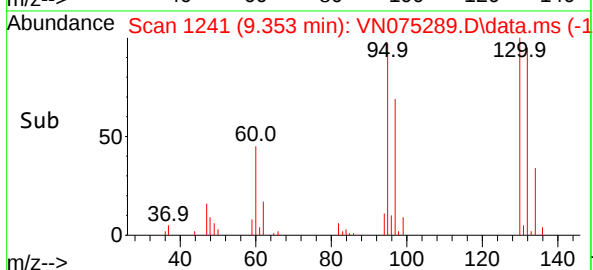
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

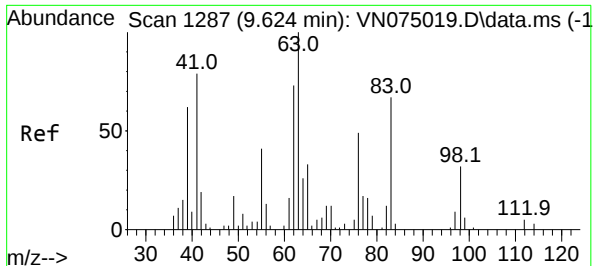


#44
Trichloroethene
Concen: 21.140 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion:130 Resp: 34201
Ion Ratio Lower Upper
130 100
95 97.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.648 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 63 Resp: 3015

Ion Ratio Lower Upper

63 100

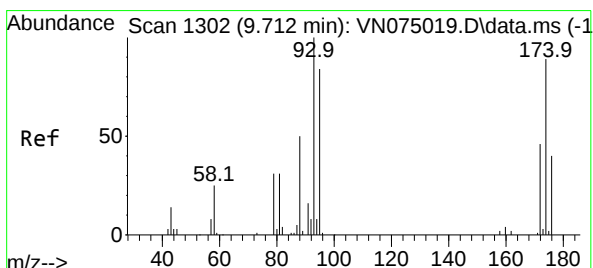
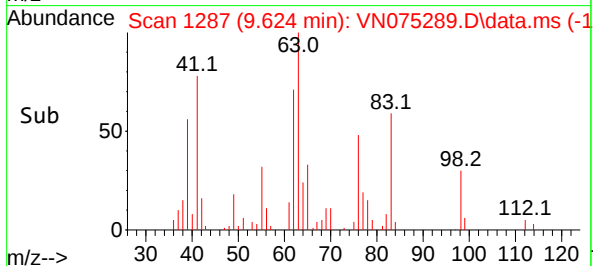
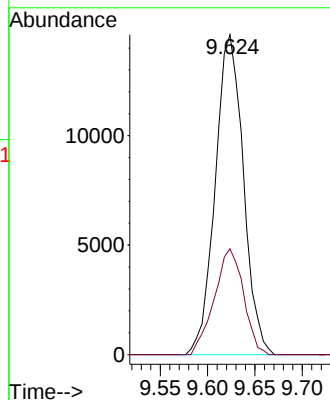
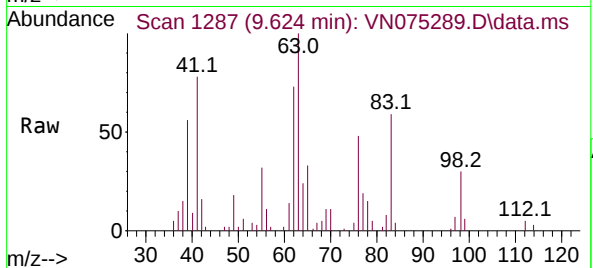
65 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#46

Dibromomethane

Concen: 19.165 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

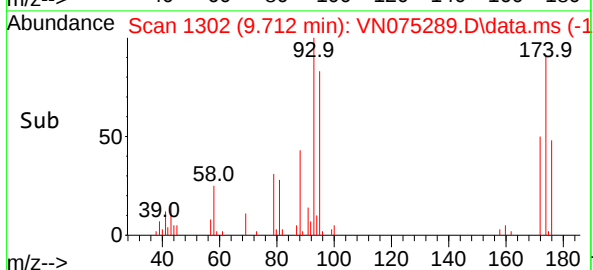
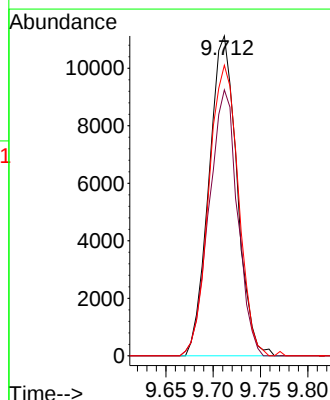
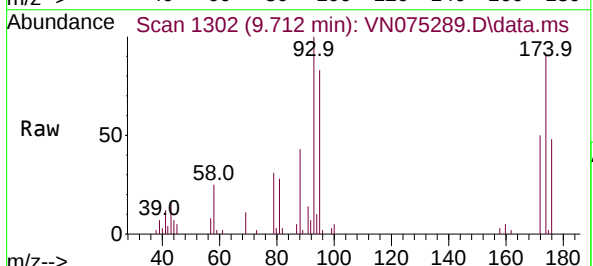
Tgt Ion: 93 Resp: 22914

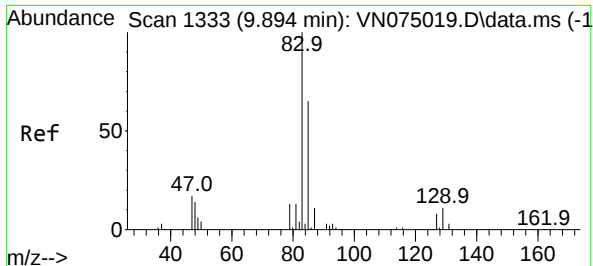
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 95.5 70.3 105.5





#47

Bromodichloromethane

Concen: 19.154 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

Client Sample Id :

VN1116WBS01

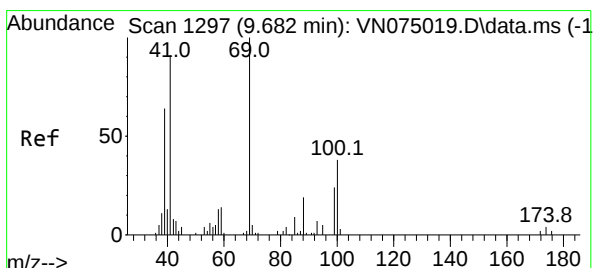
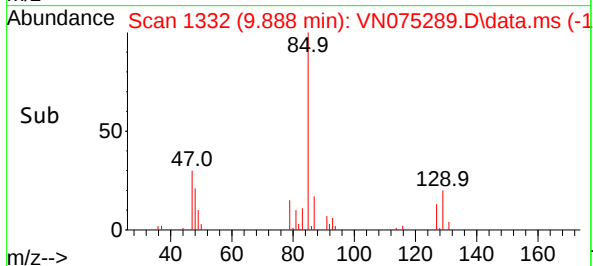
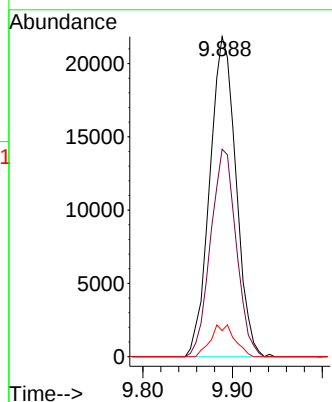
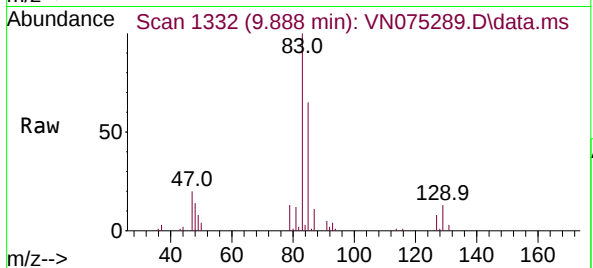
Tgt Ion:	83	Resp:	44348
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1
127	8.1	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#48

Methyl methacrylate

Concen: 17.201 ug/l

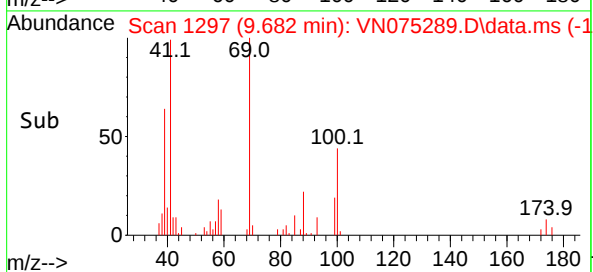
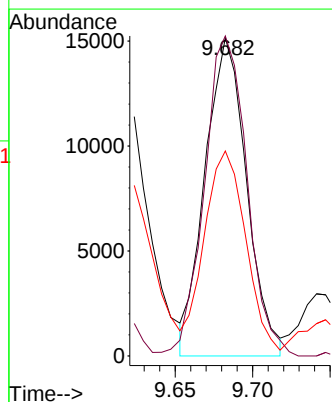
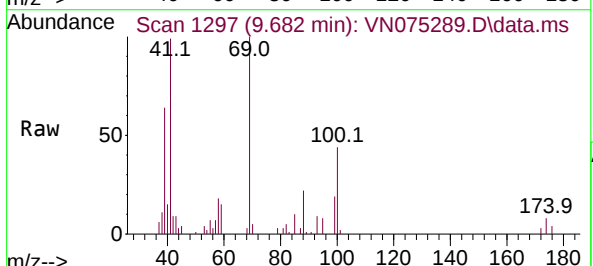
RT: 9.682 min Scan# 1297

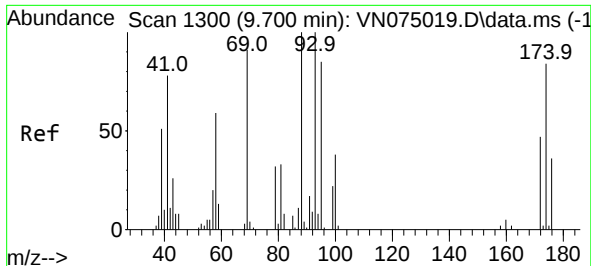
Delta R.T. 0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Tgt Ion:	41	Resp:	28269
Ion	Ratio	Lower	Upper
41	100		
69	103.2	80.2	120.2
39	65.3	56.2	84.2





#49

1,4-Dioxane

Concen: 368.699 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 88 Resp: 1586

Ion Ratio Lower Upper

88 100

43 24.5 17.5 26.3

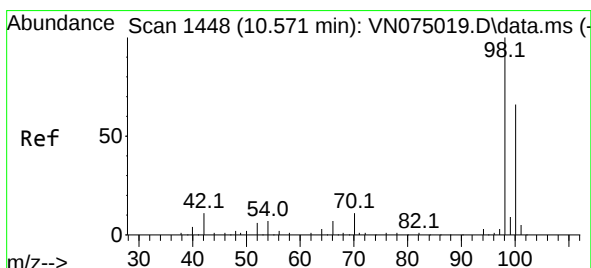
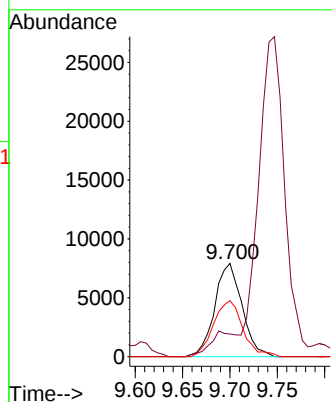
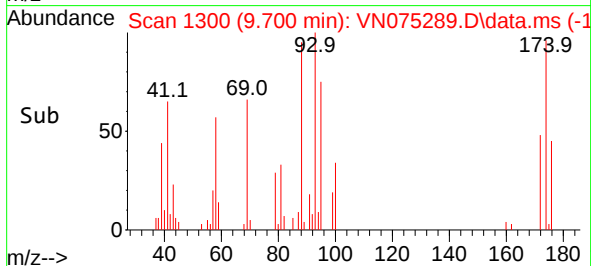
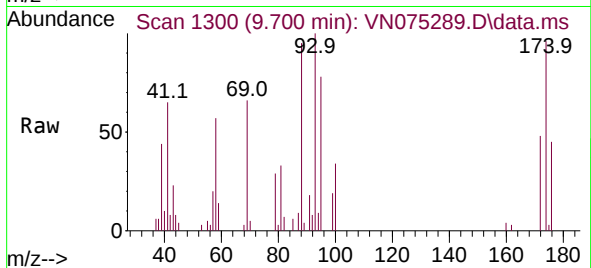
58 64.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 44.949 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075289.D

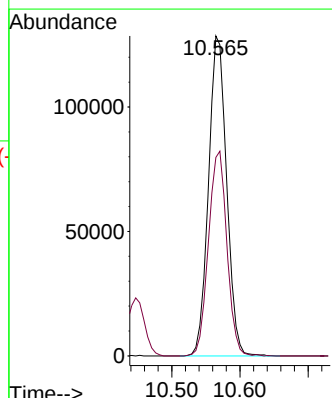
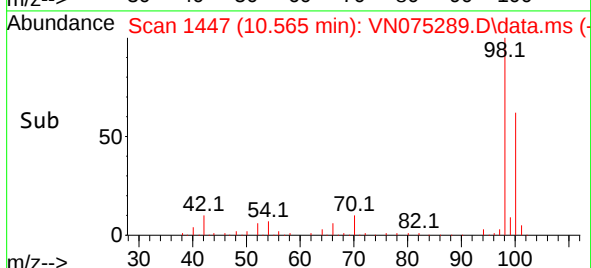
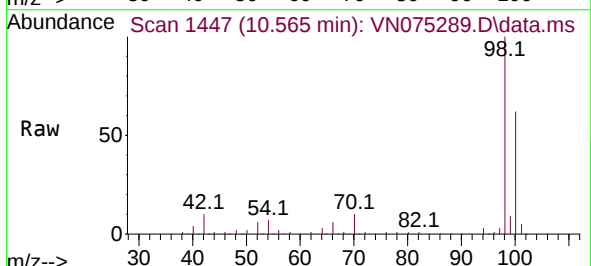
Acq: 16 Nov 2022 15:37

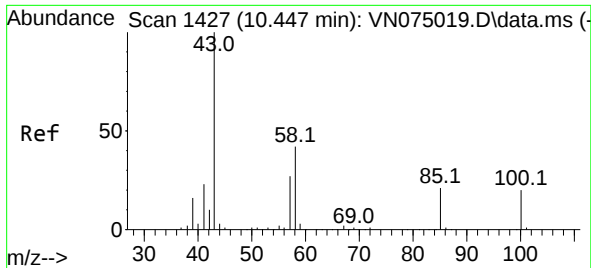
Tgt Ion: 98 Resp: 237236

Ion Ratio Lower Upper

98 100

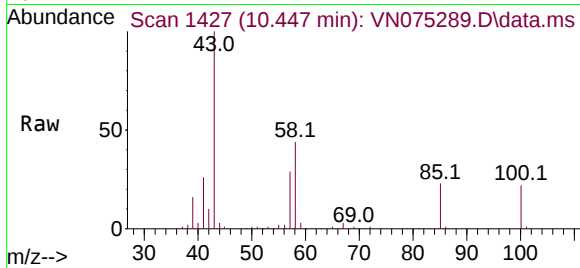
100 65.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 86.735 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

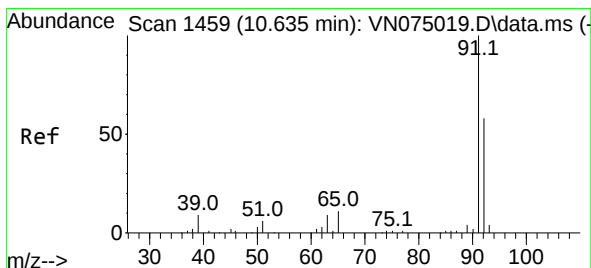
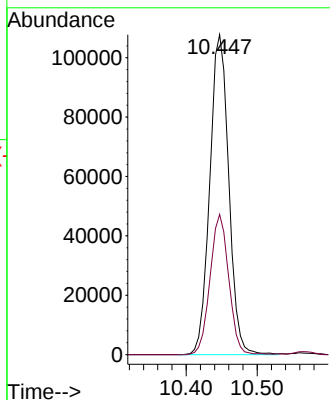
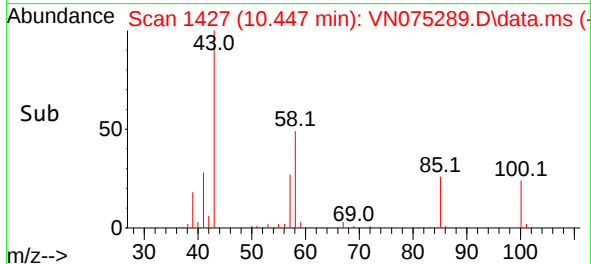
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



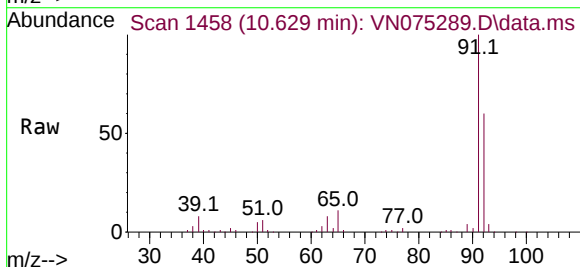
Tgt Ion: 43 Resp: 200524
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

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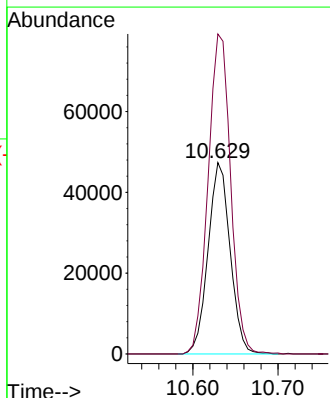
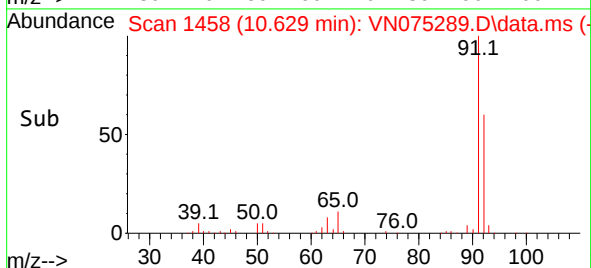
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

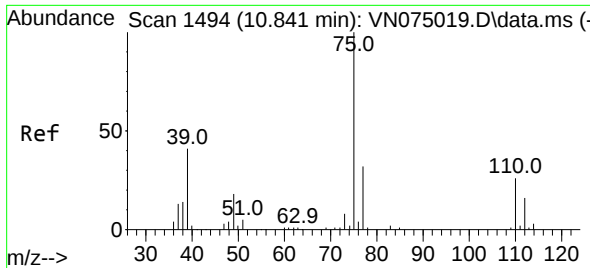


#52
Toluene
Concen: 19.752 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



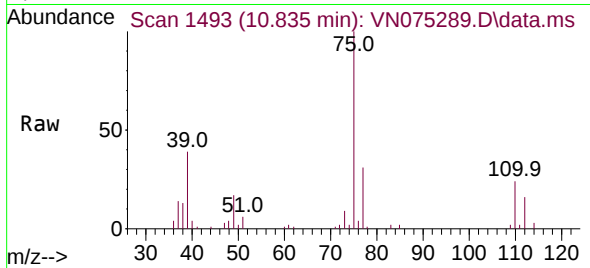
Tgt Ion: 92 Resp: 85145
Ion Ratio Lower Upper
92 100
91 171.1 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 18.444 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37

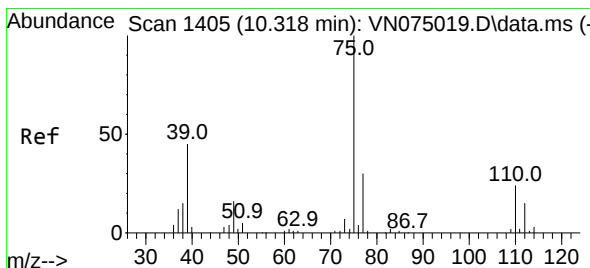
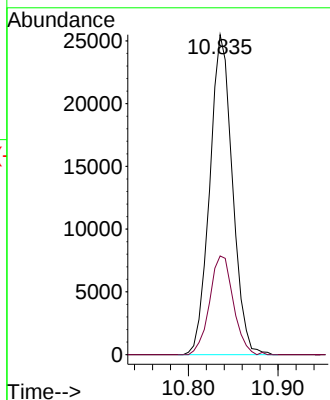
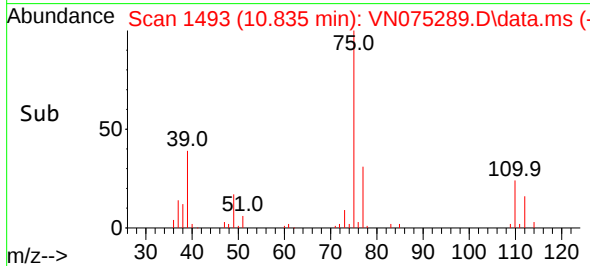
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



Tgt Ion: 75 Resp: 45075
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2

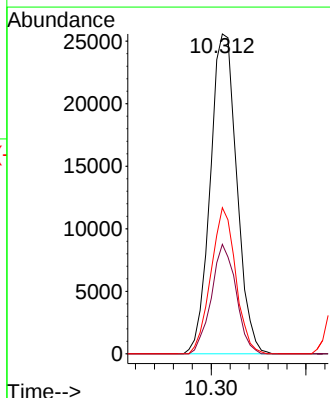
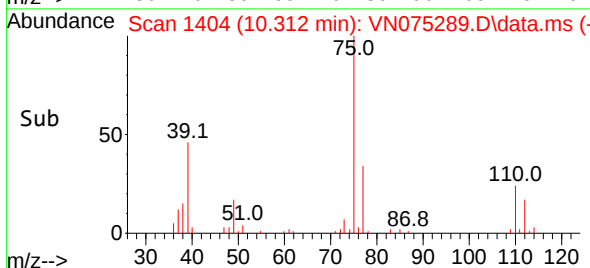
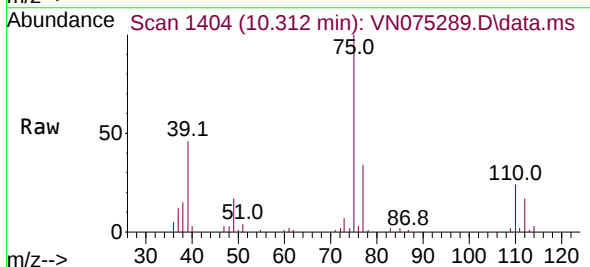
Manual Integrations
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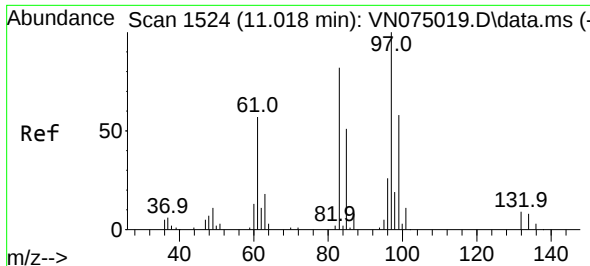
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.186 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37

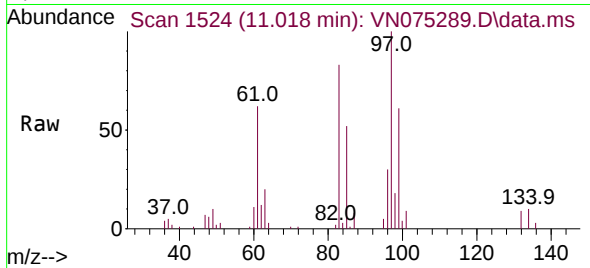
Tgt Ion: 75 Resp: 49730
 Ion Ratio Lower Upper
 75 100
 77 34.2 23.7 35.5
 39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.272 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

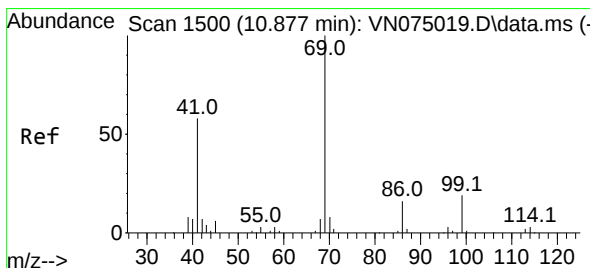
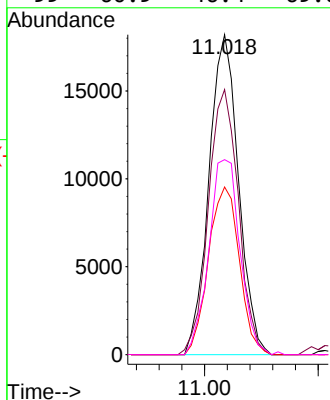
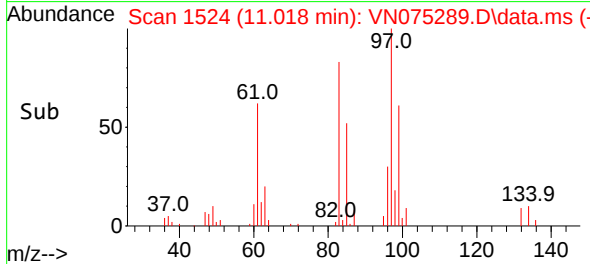
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.9	98.9
85	52.4	40.4	60.6
99	60.9	46.4	69.6

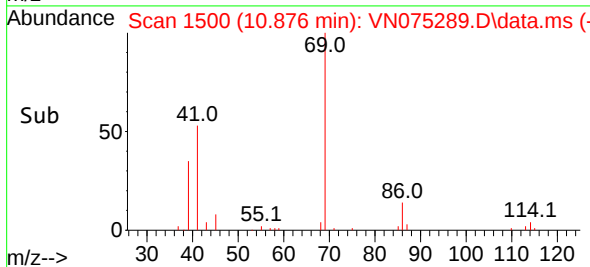
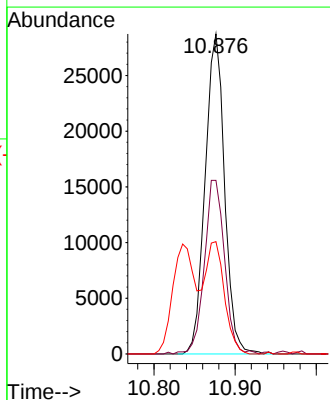
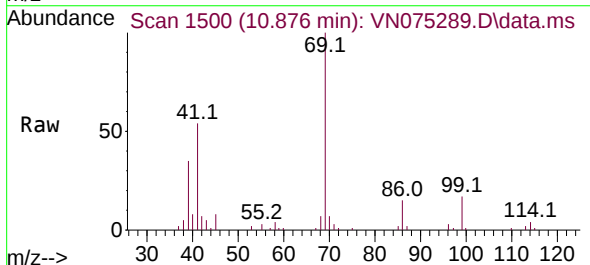
Manual Integrations
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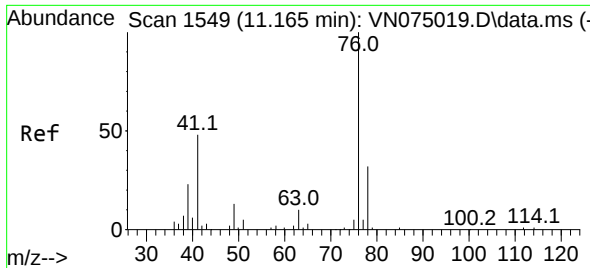
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#56
Ethyl methacrylate
Concen: 18.359 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

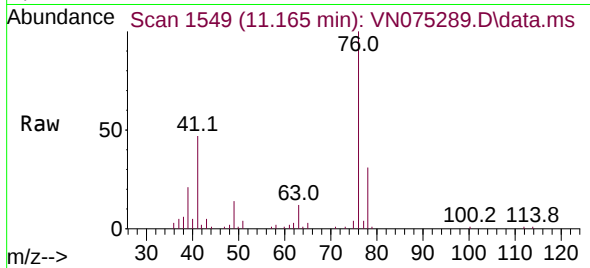
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	45.6	68.4
39	36.7	28.5	42.7





#57
1,3-Dichloropropane
Concen: 19.482 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

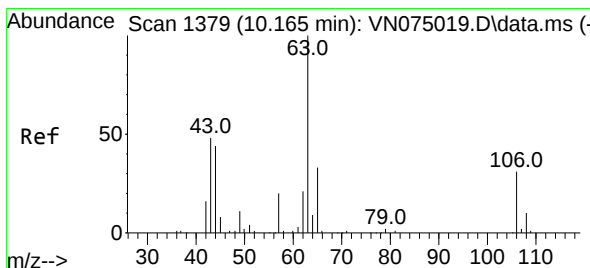
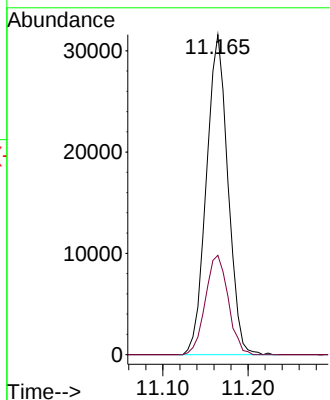
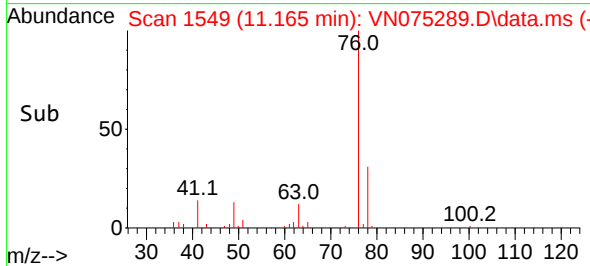
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 76 Resp: 55454
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

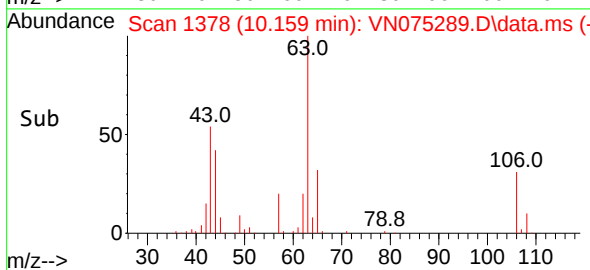
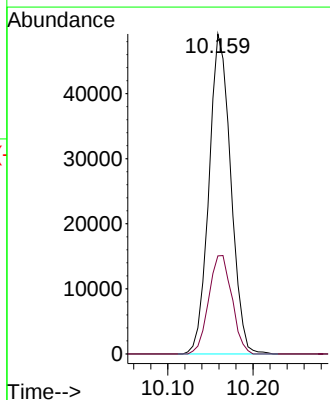
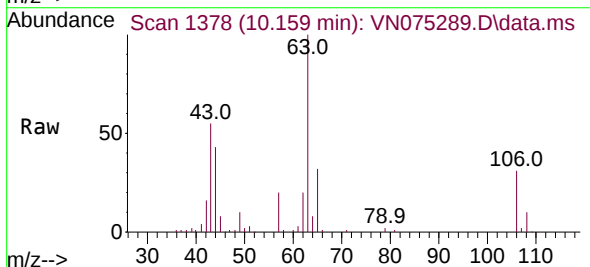
Manual Integrations
APPROVED

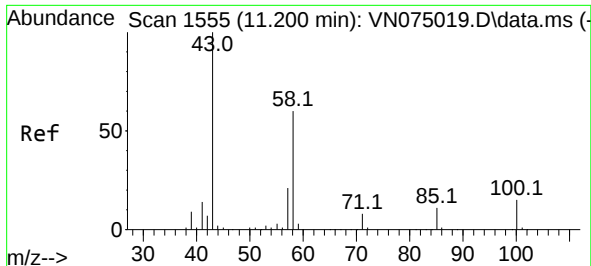
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#58
2-Chloroethyl Vinyl ether
Concen: 86.512 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 63 Resp: 87199
Ion Ratio Lower Upper
63 100
106 32.6 24.8 37.2





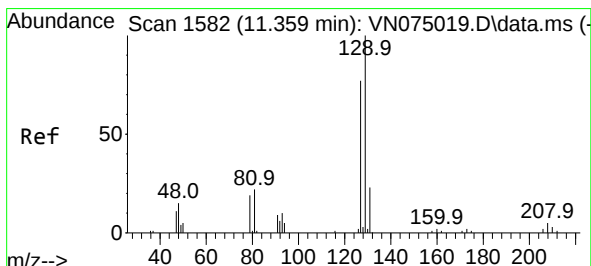
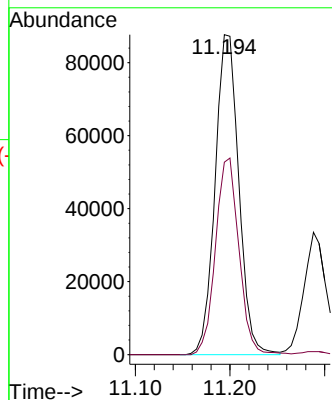
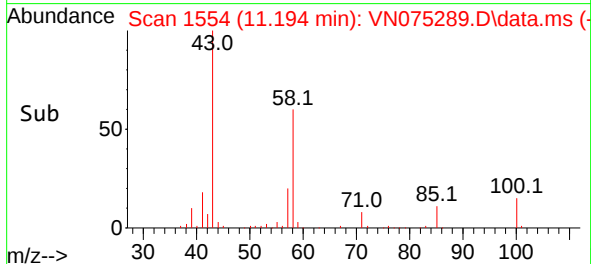
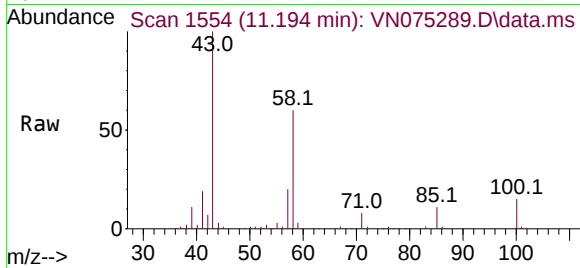
#59
2-Hexanone
Concen: 86.926 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 43 Resp: 15252
Ion Ratio Lower Upper
43 100
58 60.7 29.6 88.8

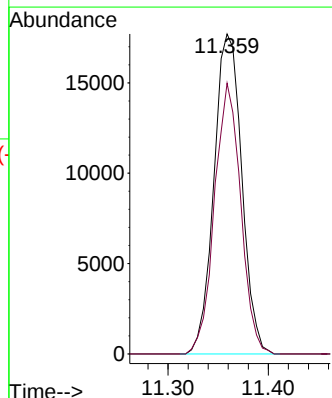
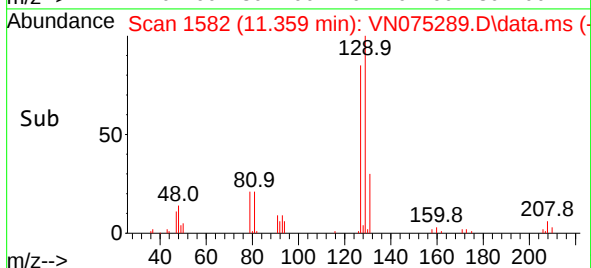
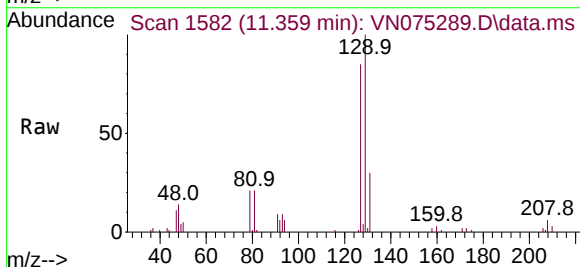
Manual Integrations
APPROVED

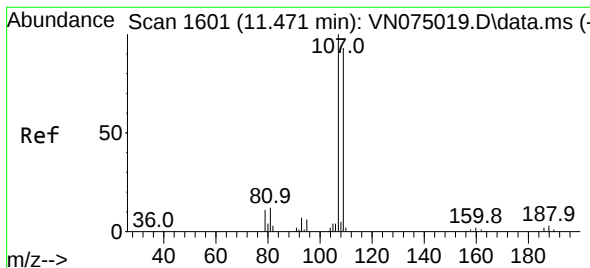
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#60
Dibromochloromethane
Concen: 18.945 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

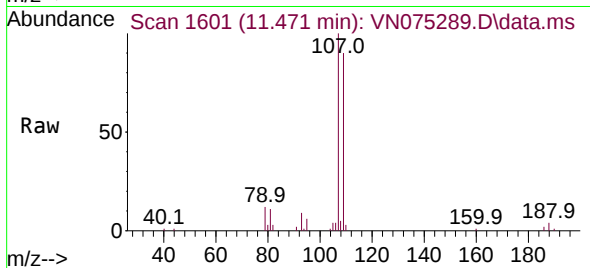
Tgt Ion:129 Resp: 34163
Ion Ratio Lower Upper
129 100
127 79.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.573 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

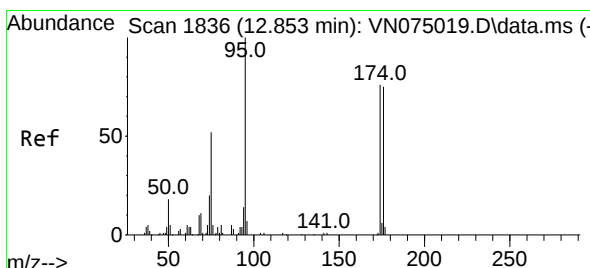
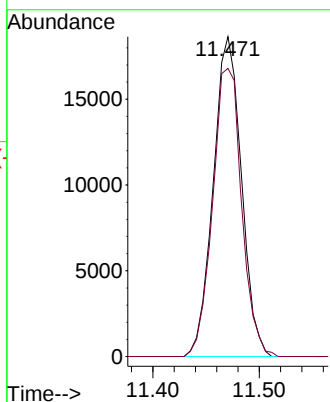
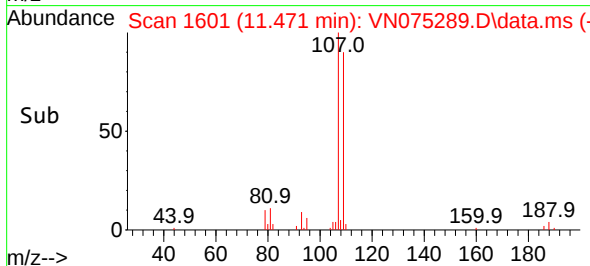
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



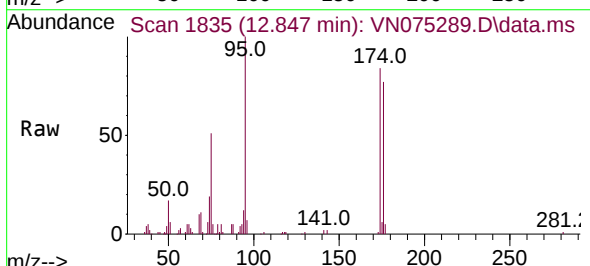
Tgt Ion:107 Resp: 34285
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
APPROVED

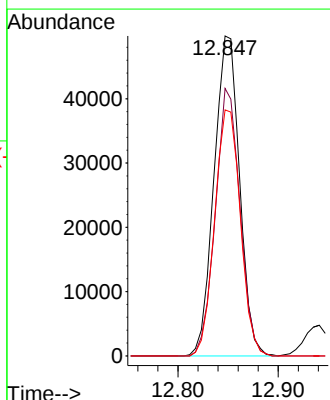
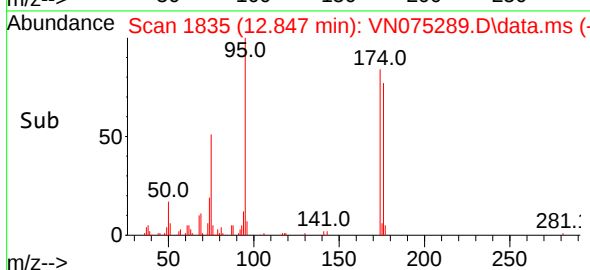
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

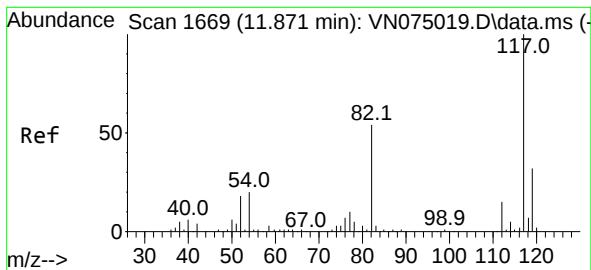


#62
4-Bromofluorobenzene
Concen: 47.492 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion: 95 Resp: 88052
Ion Ratio Lower Upper
95 100
174 80.5 0.0 147.4
176 77.4 0.0 142.2





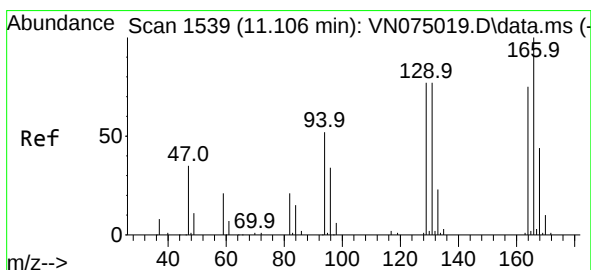
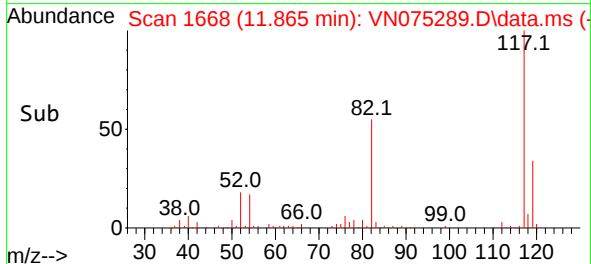
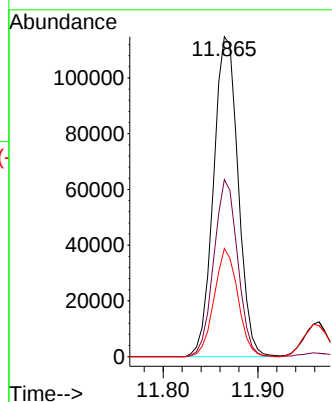
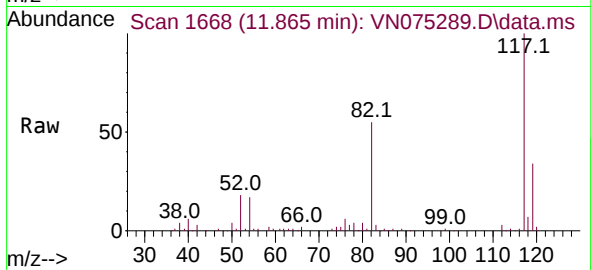
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:117 Resp: 207506
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 33.8 25.5 38.3

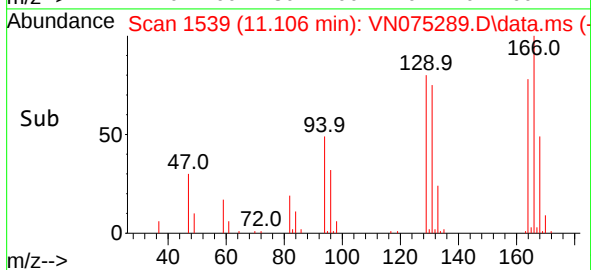
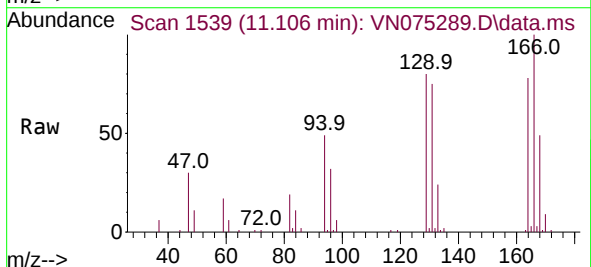
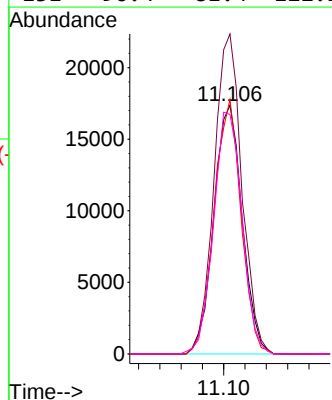
Manual Integrations
APPROVED

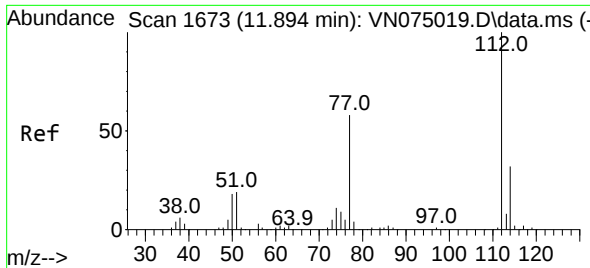
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 25.308 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

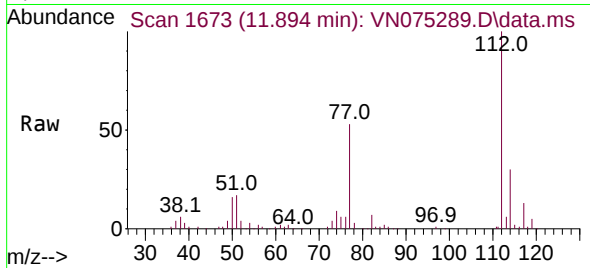
Tgt Ion:164 Resp: 32197
Ion Ratio Lower Upper
164 100
166 128.7 106.5 159.7
129 102.4 81.9 122.9
131 96.4 81.4 122.2





#65
Chlorobenzene
Concen: 20.546 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

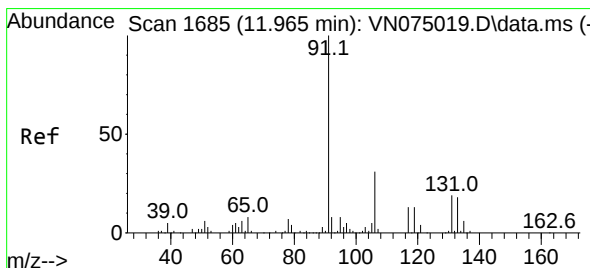
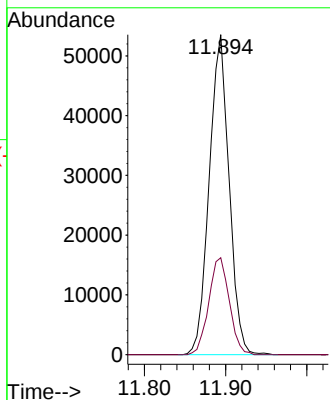
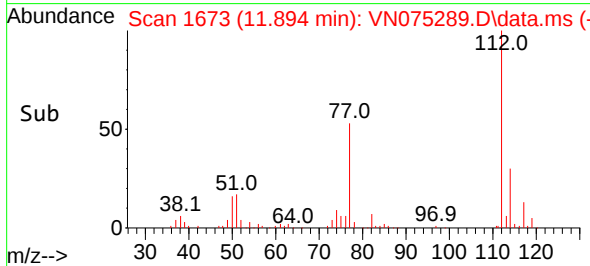
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



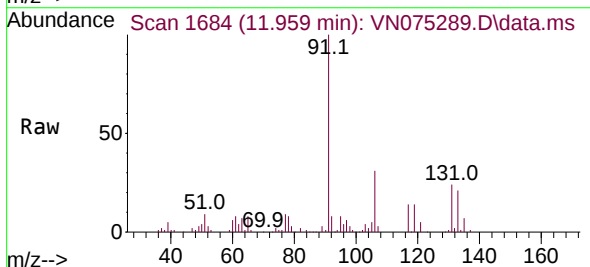
Tgt Ion:112 Resp: 91003
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2

Manual Integrations
APPROVED

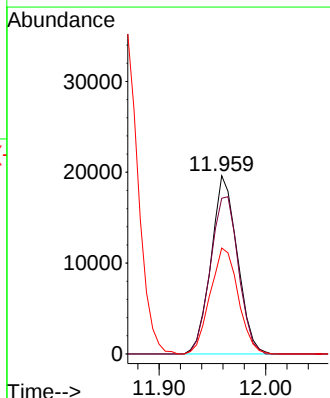
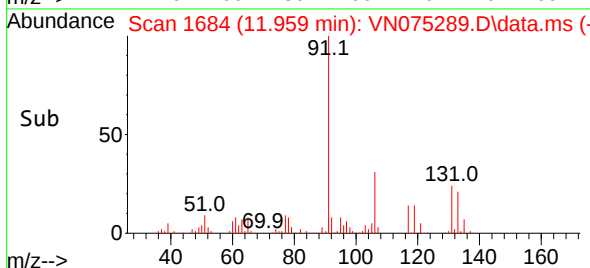
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

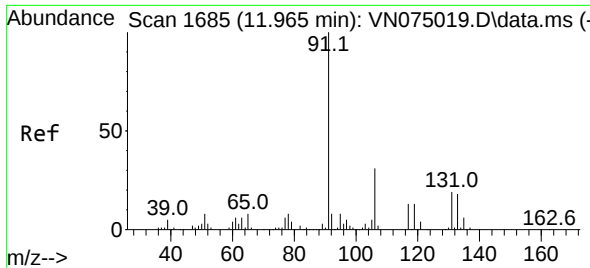


#66
1,1,1,2-Tetrachloroethane
Concen: 20.527 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



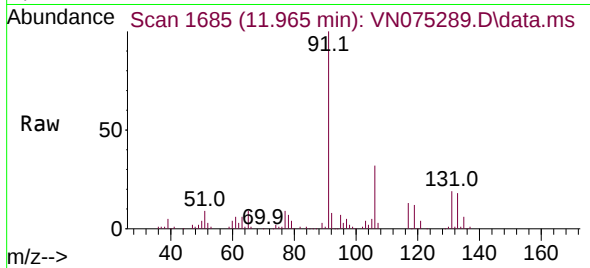
Tgt Ion:131 Resp: 33727
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 63.3 33.0 99.0





#67
Ethyl Benzene
Concen: 20.061 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

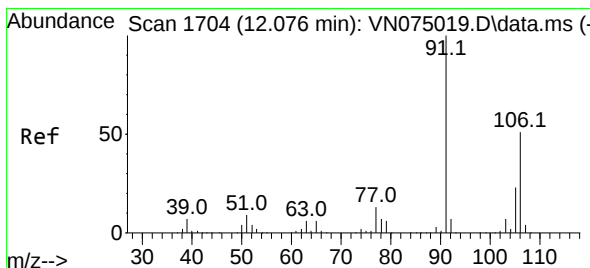
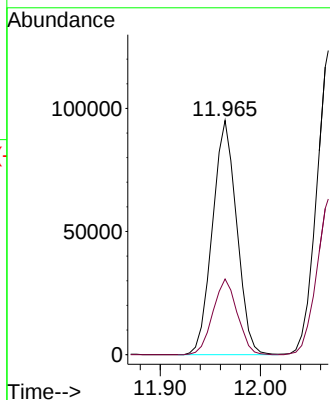
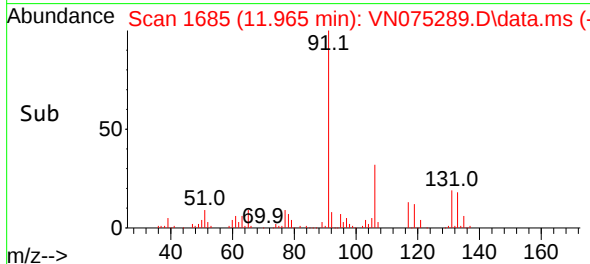
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



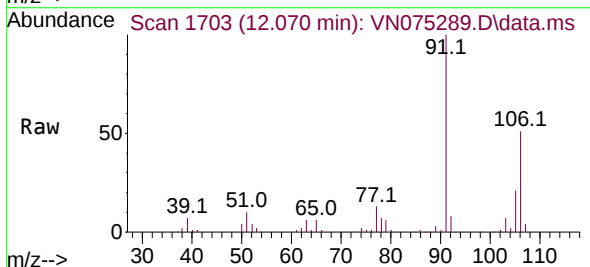
Tgt Ion: 91 Resp: 159860
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
APPROVED

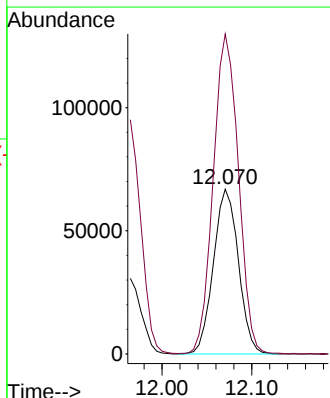
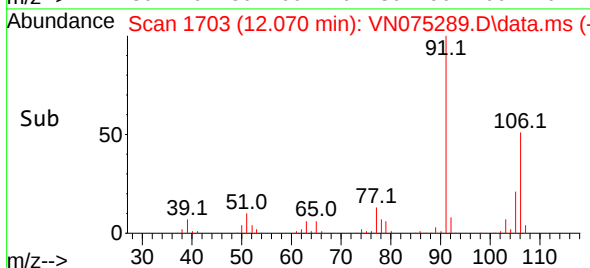
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

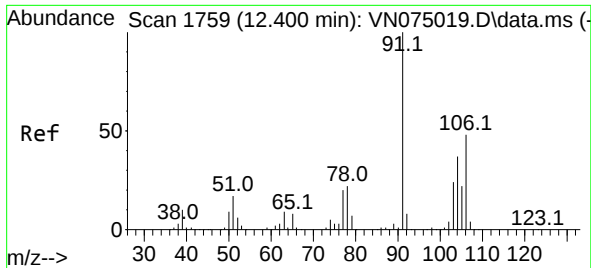


#68
m/p-Xylenes
Concen: 40.605 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion:106 Resp: 129835
Ion Ratio Lower Upper
106 100
91 196.0 156.0 234.0





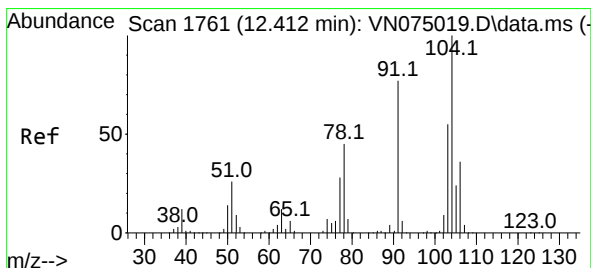
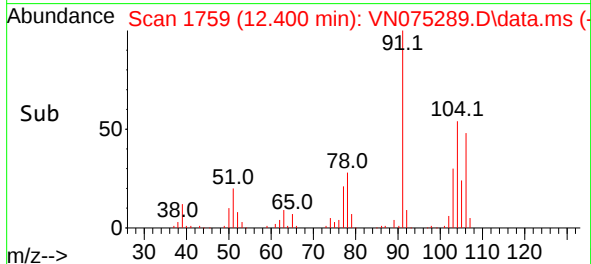
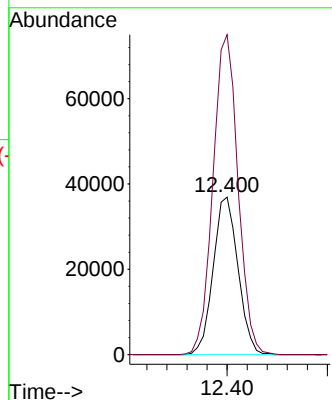
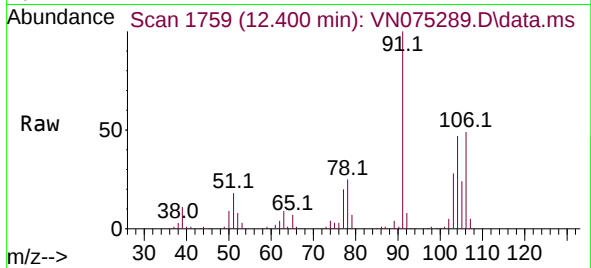
#69
o-Xylene
Concen: 20.058 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:106 Resp: 63425
Ion Ratio Lower Upper
106 100
91 205.1 105.2 315.5

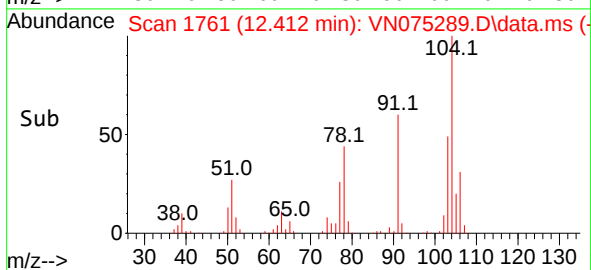
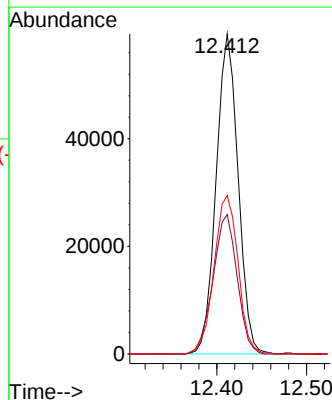
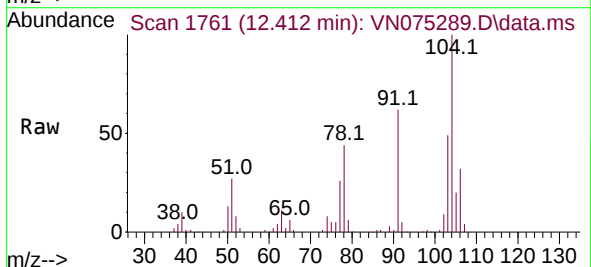
Manual Integrations
APPROVED

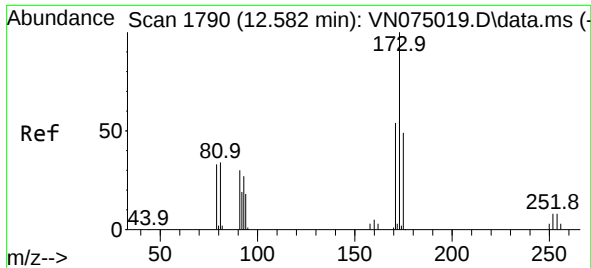
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#70
Styrene
Concen: 20.147 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion:104 Resp: 101584
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 54.3 44.6 66.8





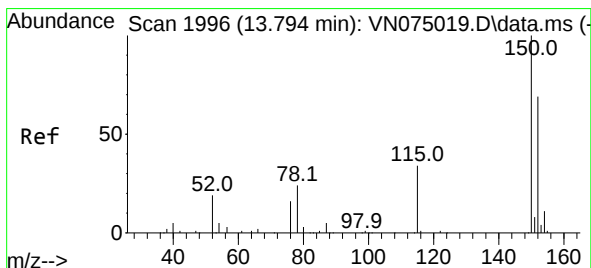
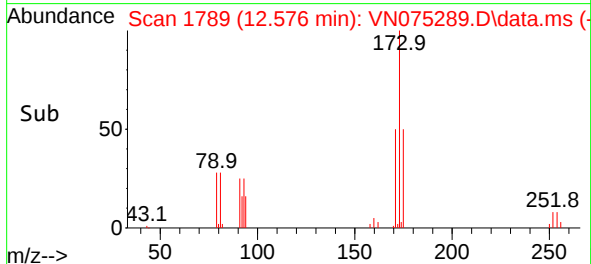
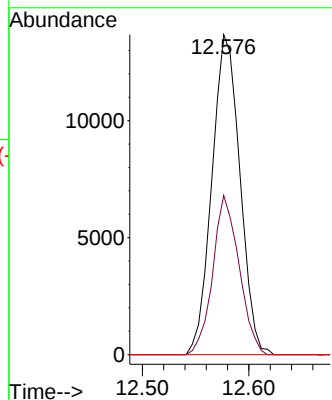
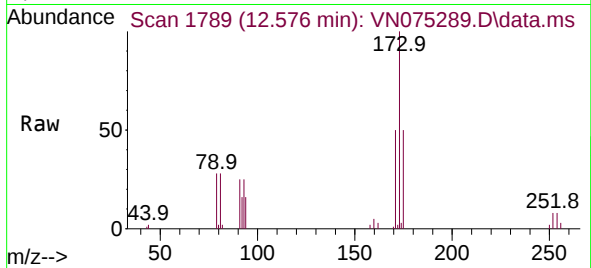
#71
Bromoform
Concen: 20.295 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:173 Resp: 24966
Ion Ratio Lower Upper
173 100
175 46.8 24.6 74.0
254 0.0 0.0 0.0

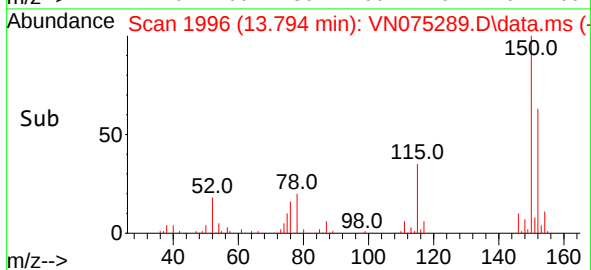
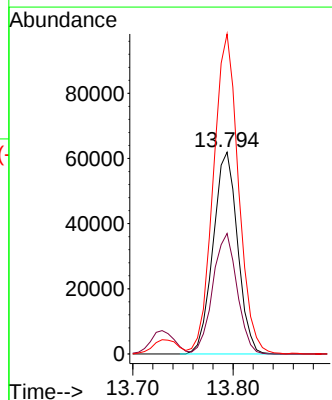
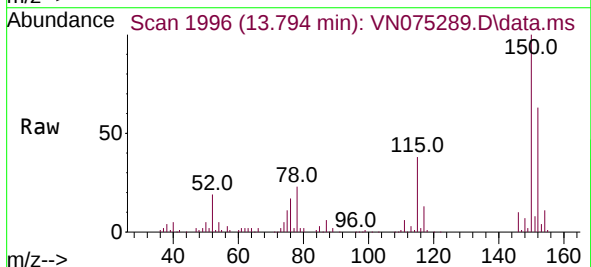
Manual Integrations
APPROVED

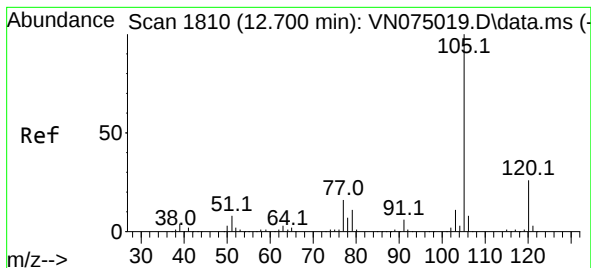
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion:152 Resp: 104860
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 163.5 0.0 348.4





#73

Isopropylbenzene

Concen: 19.204 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion:105 Resp: 161662

Ion Ratio Lower Upper

105 100

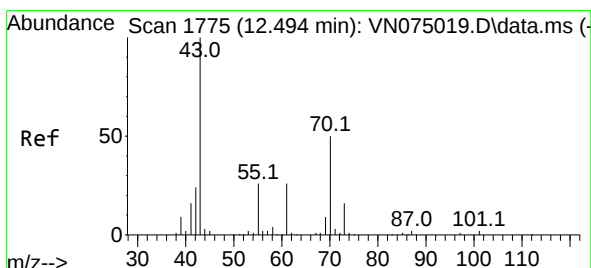
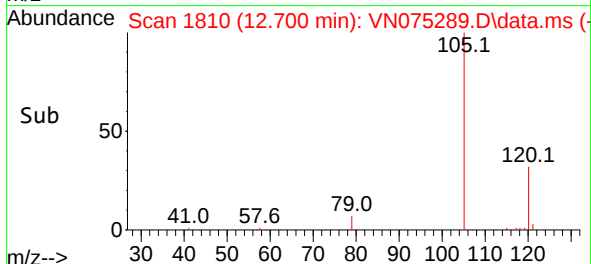
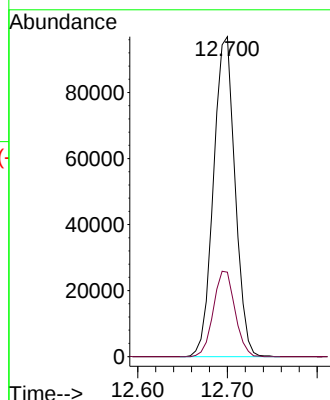
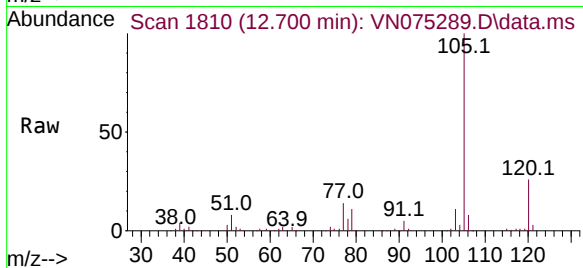
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#74

N-ethyl acetate

Concen: 17.066 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Tgt Ion: 43 Resp: 53135

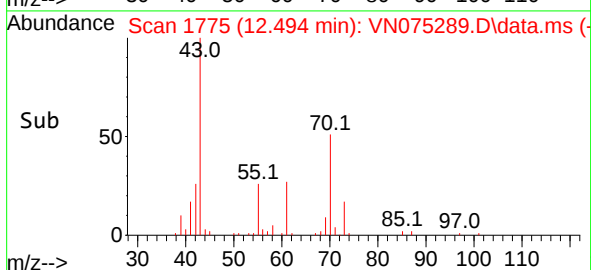
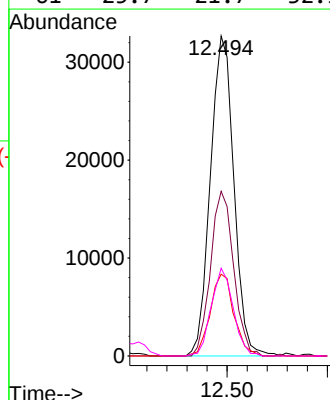
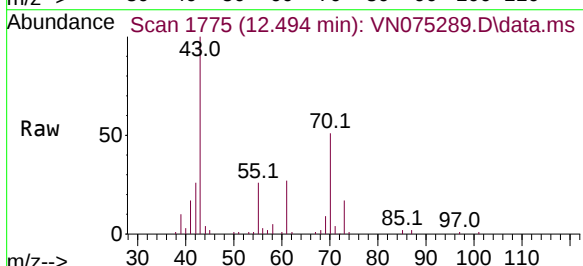
Ion Ratio Lower Upper

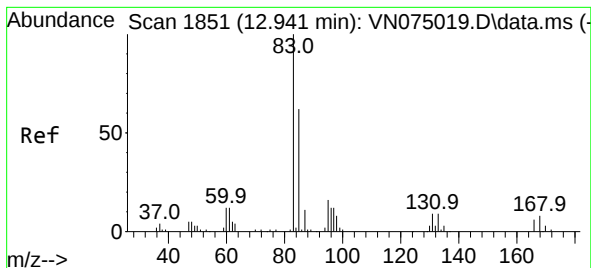
43 100

70 50.6 39.8 59.8

55 25.7 19.9 29.9

61 25.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.708 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

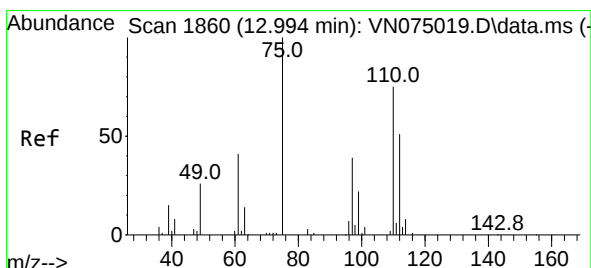
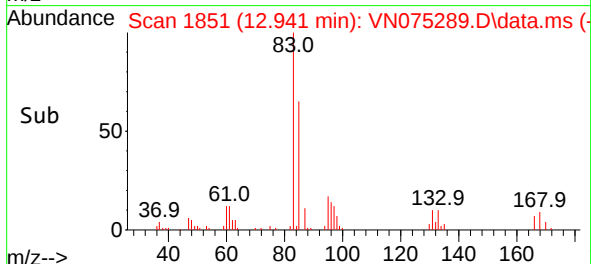
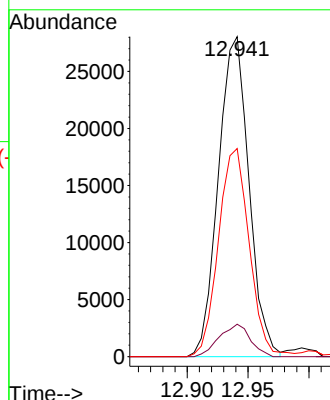
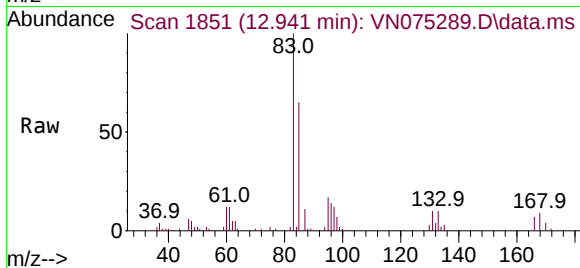
Tgt Ion:	83	Resp:	4896
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	65.5	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#76

1,2,3-Trichloropropane

Concen: 21.855 ug/l m

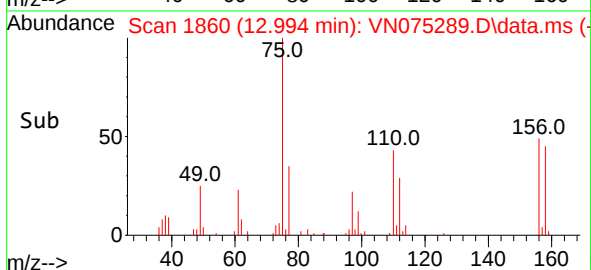
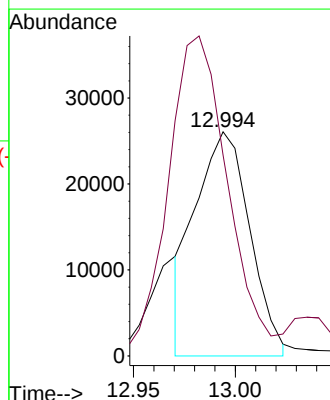
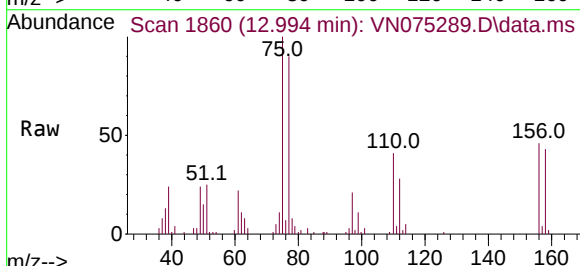
RT: 12.994 min Scan# 1860

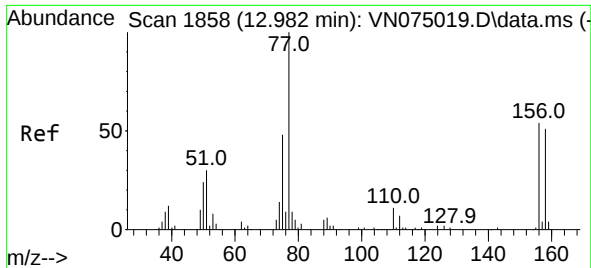
Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

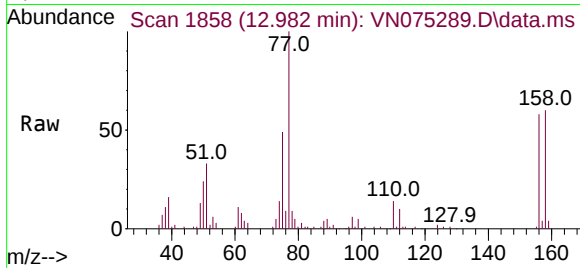
Tgt Ion:	75	Resp:	48660
Ion Ratio	Lower	Upper	
75	100		
77	155.1	75.6	226.8





#77
Bromobenzene
Concen: 20.786 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

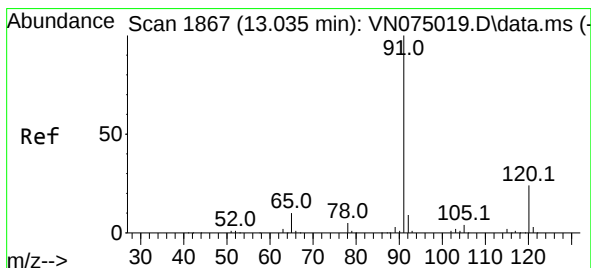
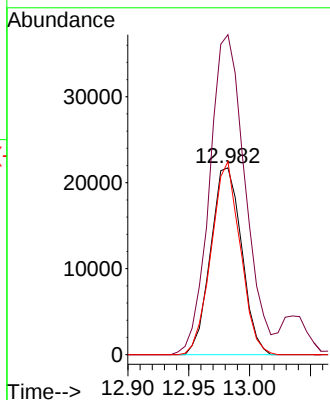
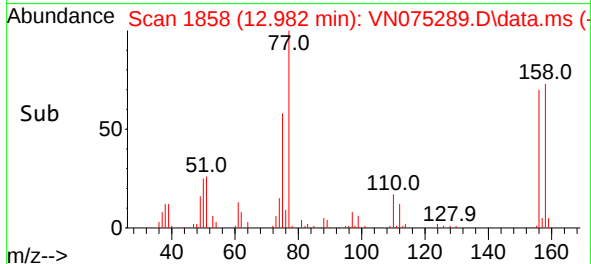
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



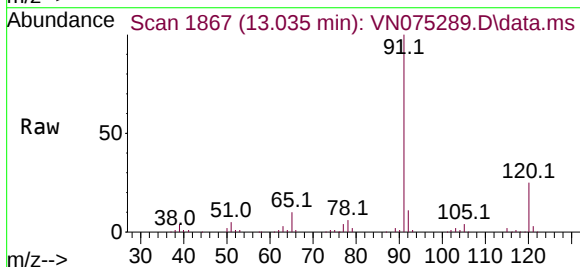
Tgt Ion:156 Resp: 38529
Ion Ratio Lower Upper
156 100
77 195.9 108.5 325.5
158 97.0 47.7 143.1

Manual Integrations
APPROVED

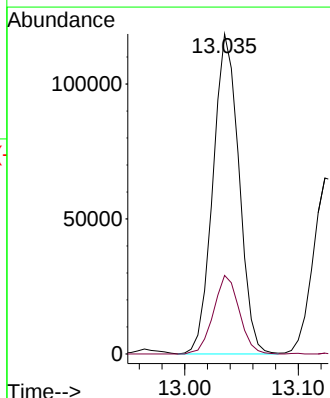
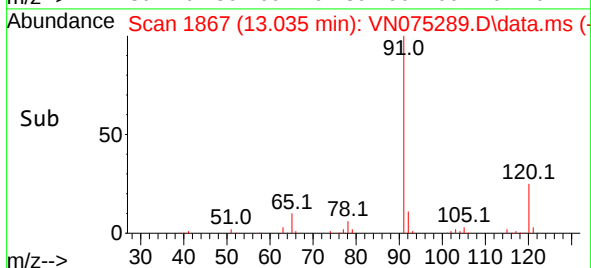
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

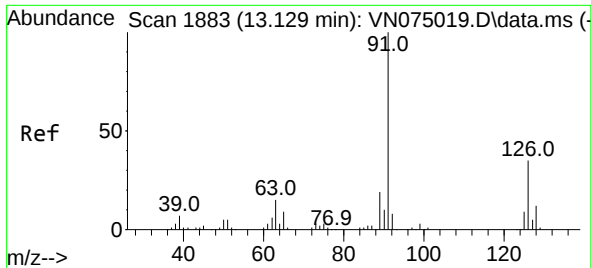


#78
n-propylbenzene
Concen: 19.943 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion: 91 Resp: 188488
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





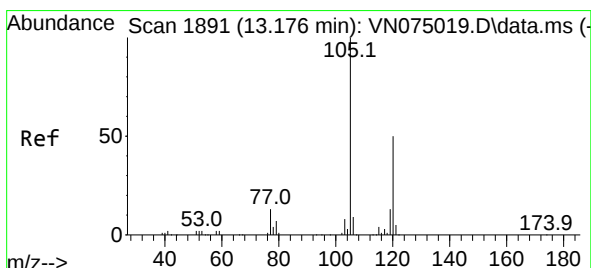
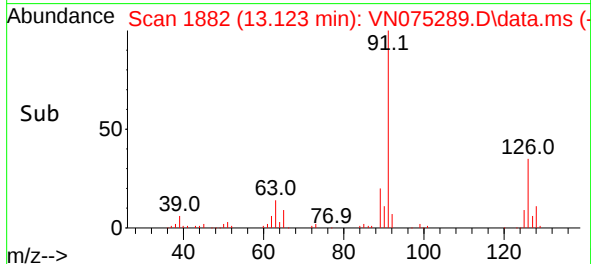
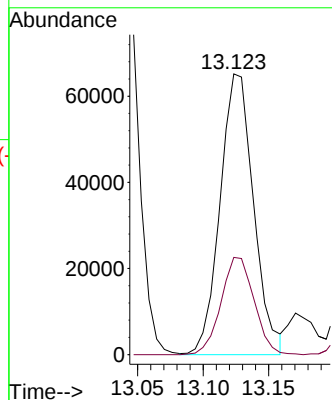
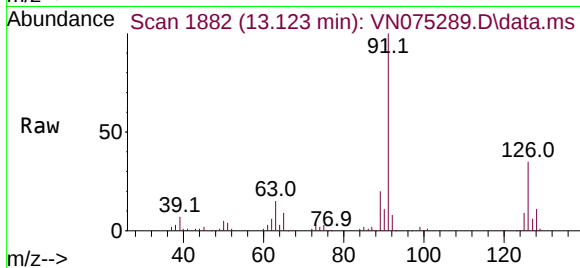
#79
2-Chlorotoluene
Concen: 20.107 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 91 Resp: 116127
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

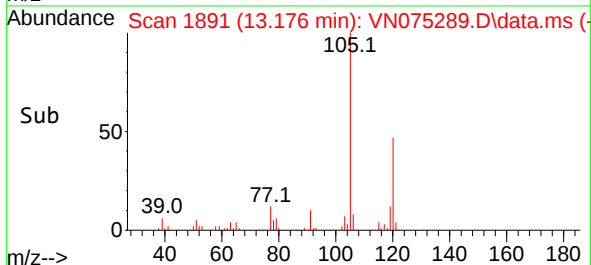
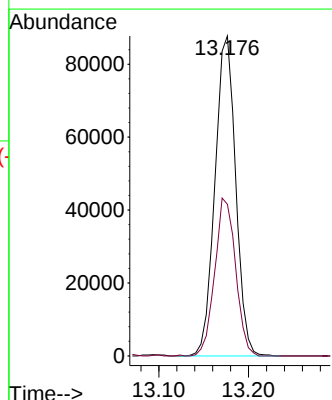
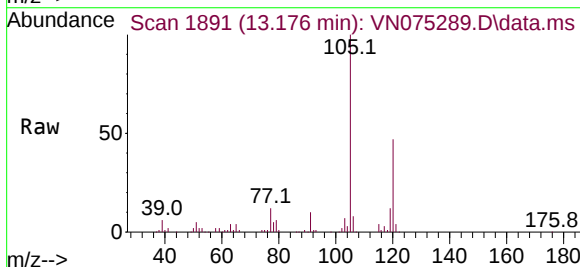
Manual Integrations
APPROVED

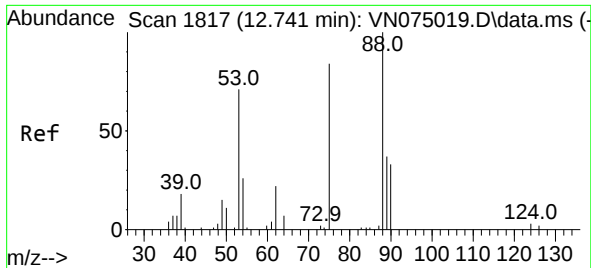
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.967 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion:105 Resp: 141182
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





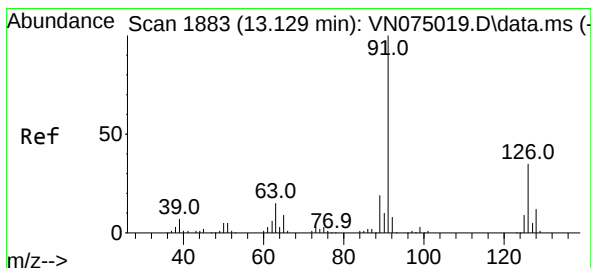
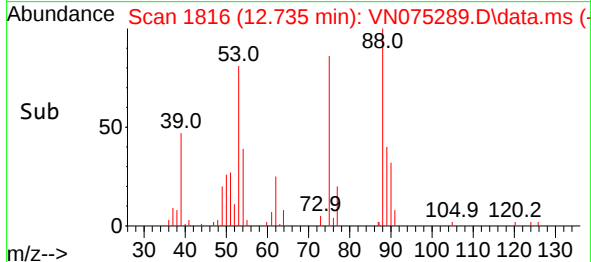
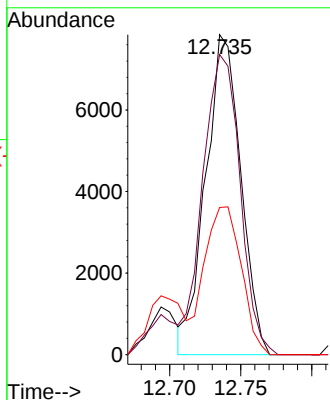
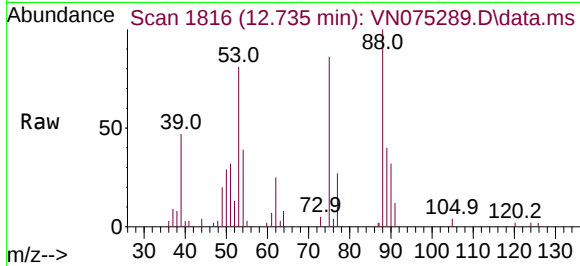
#81
trans-1,4-Dichloro-2-butene
Concen: 15.552 ug/l
RT: 12.735 min Scan# 1817
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 75 Resp: 13489
Ion Ratio Lower Upper
75 100
53 99.6 78.5 117.7
89 49.0 37.7 56.5

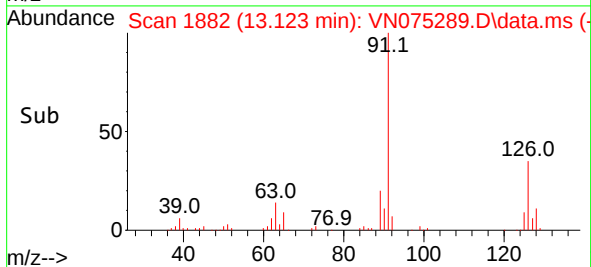
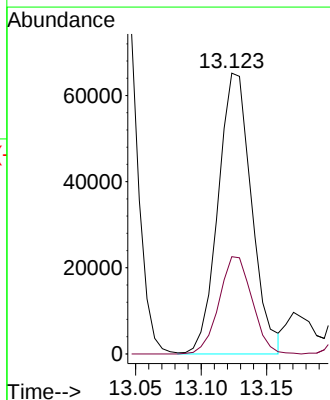
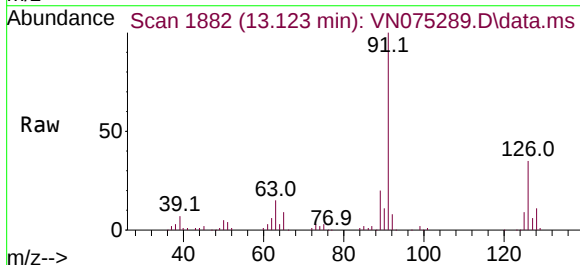
Manual Integrations
APPROVED

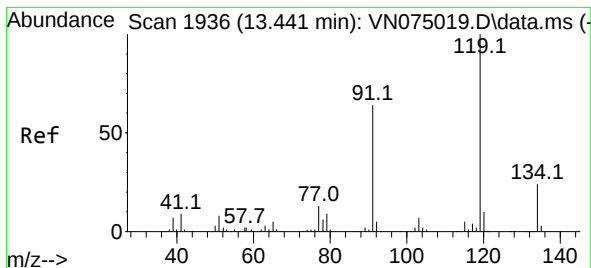
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#82
4-Chlorotoluene
Concen: 20.107 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

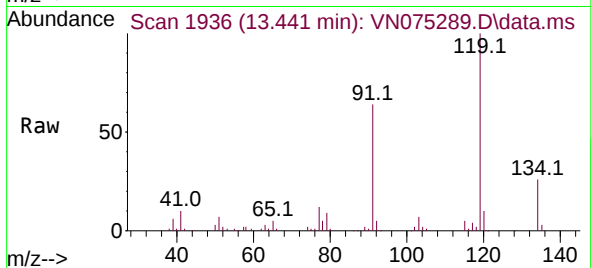
Tgt Ion: 91 Resp: 116127
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.048 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

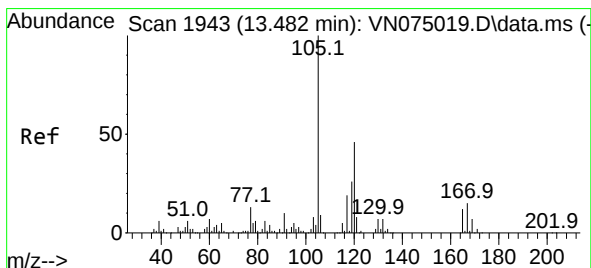
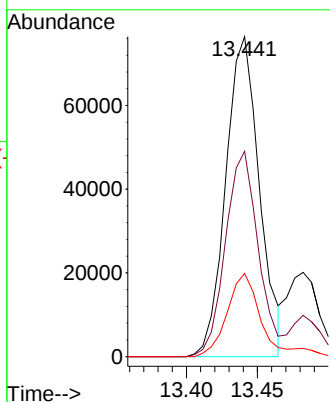
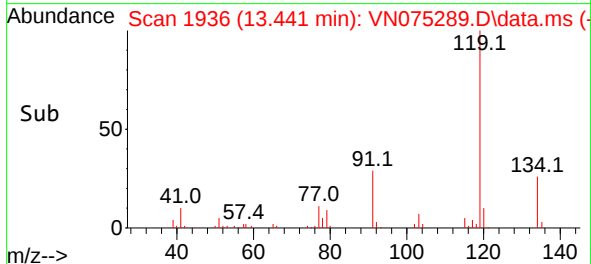
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



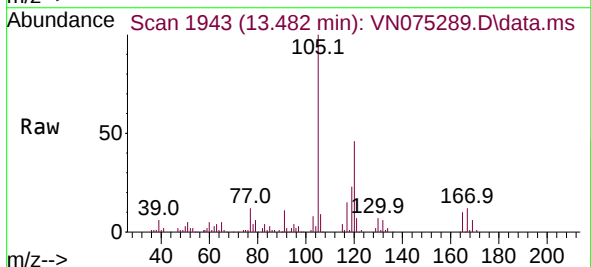
Tgt Ion:119 Resp: 125952
Ion Ratio Lower Upper
119 100
91 62.4 32.8 98.4
134 26.6 12.3 36.9

Manual Integrations
APPROVED

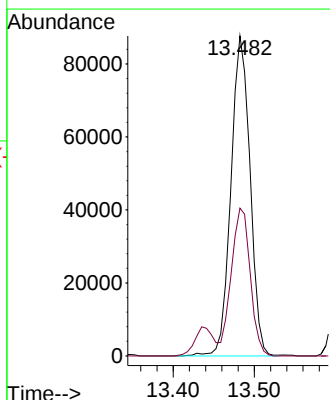
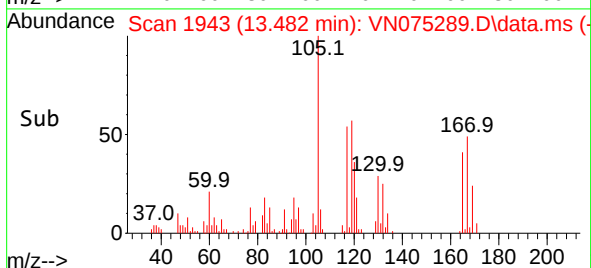
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

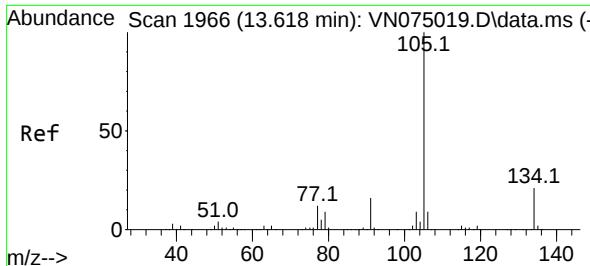


#84
1,2,4-Trimethylbenzene
Concen: 20.051 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



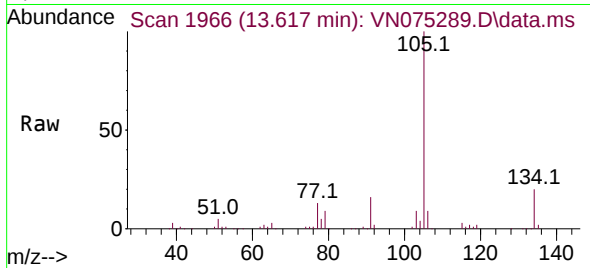
Tgt Ion:105 Resp: 143448
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.002 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37

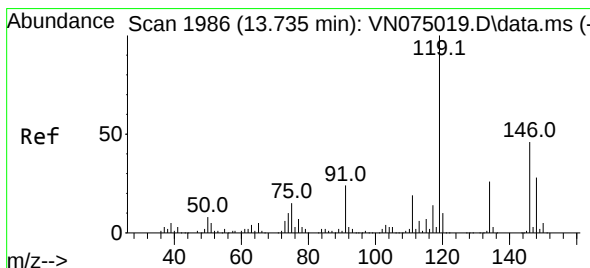
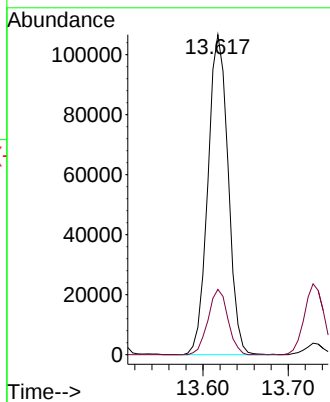
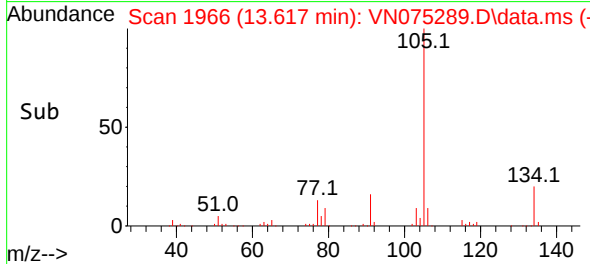
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



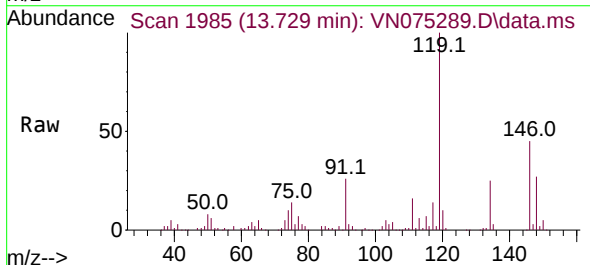
Tgt Ion:105 Resp: 175799
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
 APPROVED

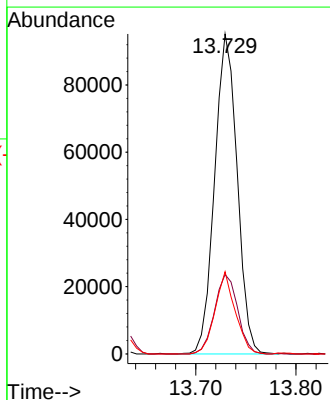
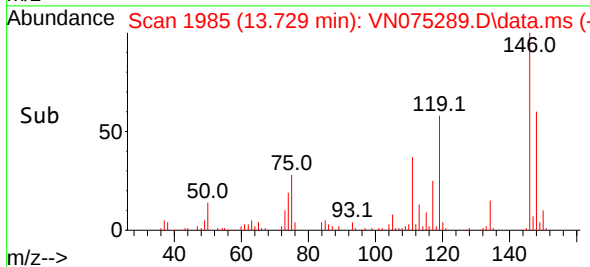
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

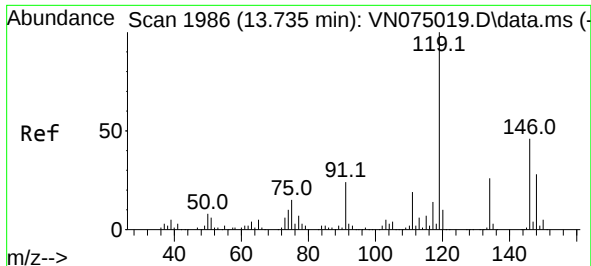


#86
 p-Isopropyltoluene
 Concen: 20.456 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075289.D
 Acq: 16 Nov 2022 15:37



Tgt Ion:119 Resp: 148485
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.686 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion:146 Resp: 75076

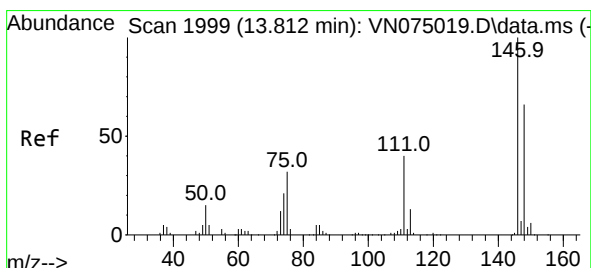
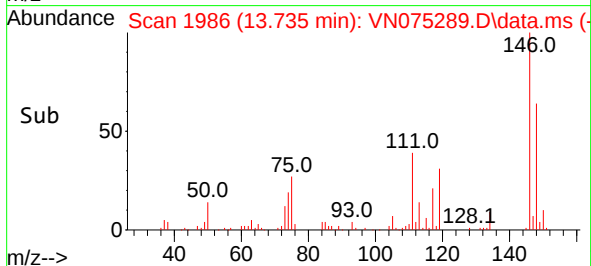
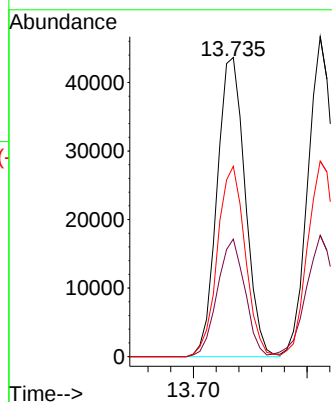
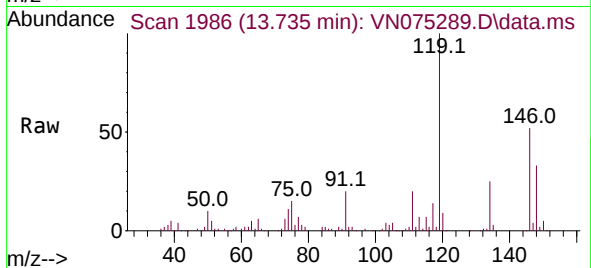
Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.5
148	62.9	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 20.972 ug/l

RT: 13.812 min Scan# 1999

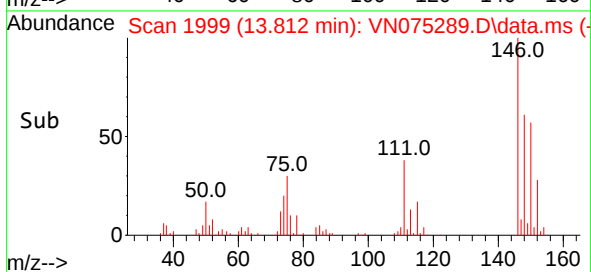
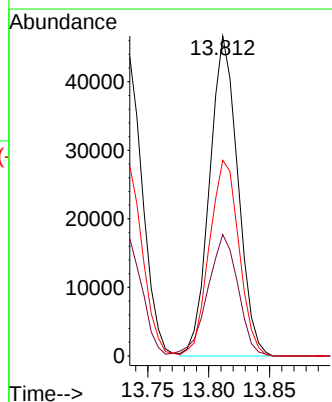
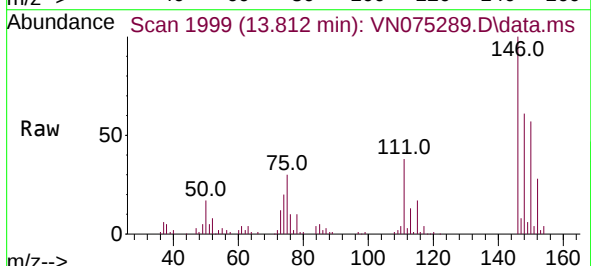
Delta R.T. -0.000 min

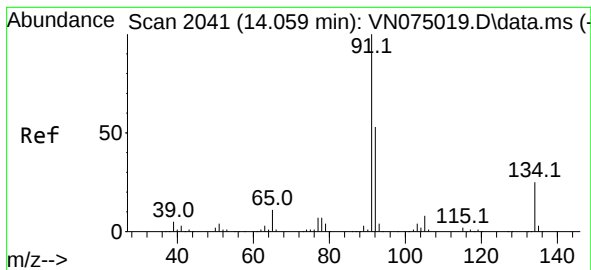
Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Tgt Ion:146 Resp: 75328

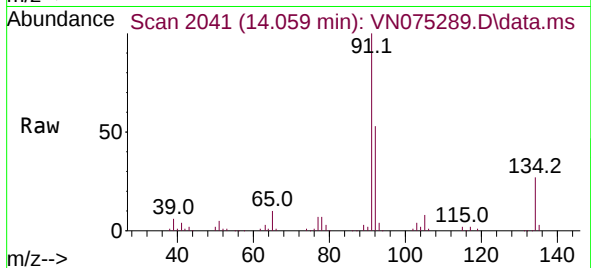
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	64.0	31.9	95.7





#89
n-Butylbenzene
Concen: 21.117 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

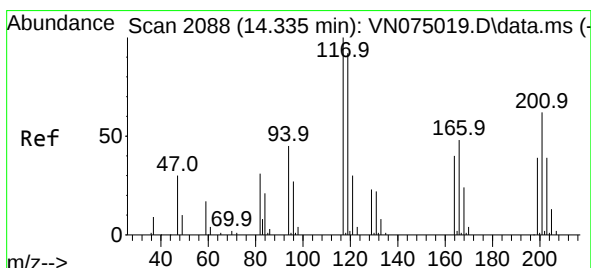
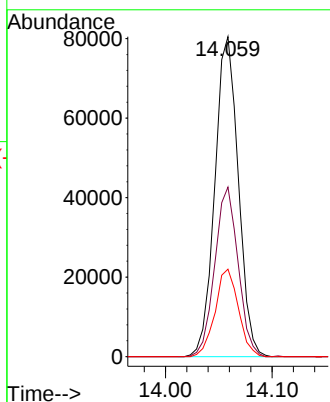
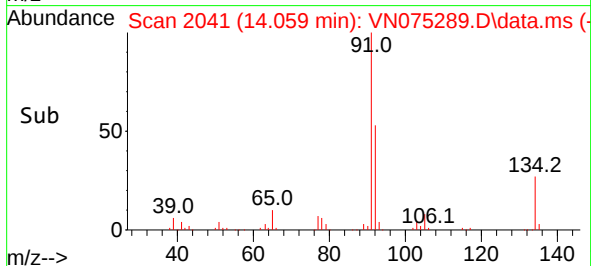
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 91 Resp: 123436
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 27.1 13.0 39.0

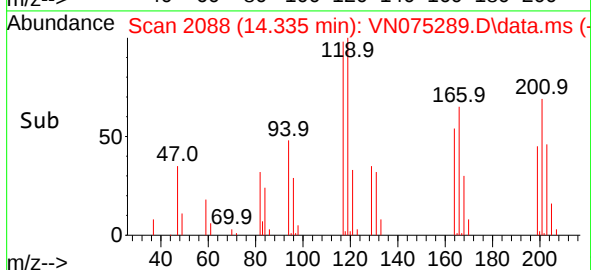
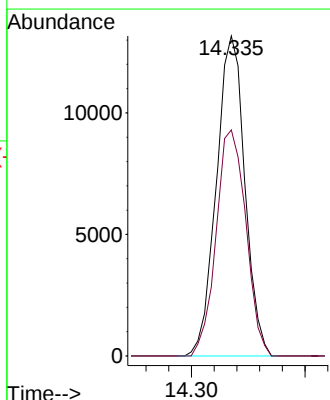
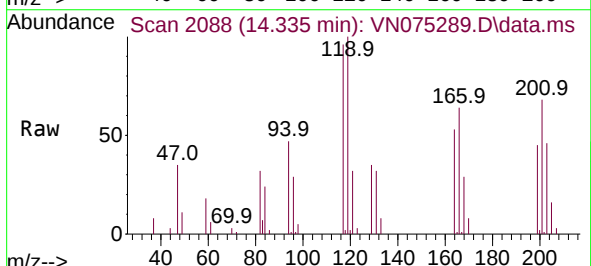
Manual Integrations
APPROVED

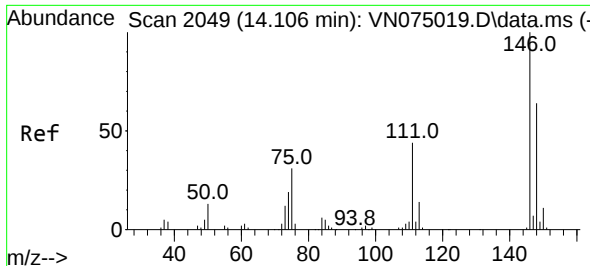
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#90
Hexachloroethane
Concen: 17.210 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

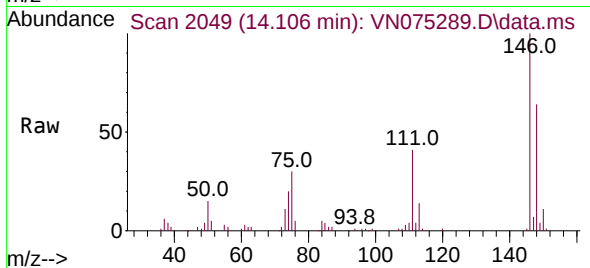
Tgt Ion:117 Resp: 22904
Ion Ratio Lower Upper
117 100
201 73.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.780 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

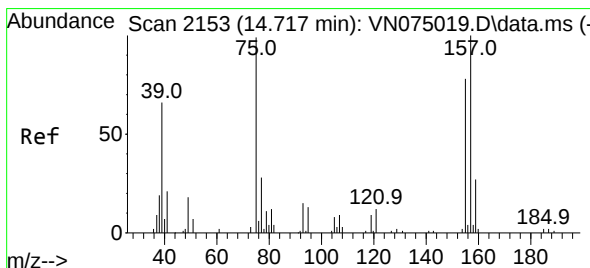
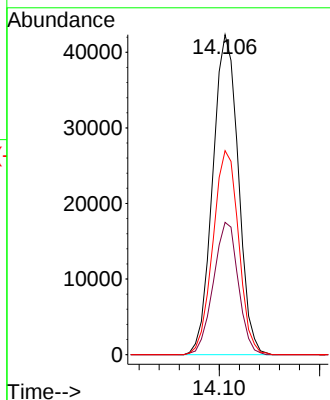
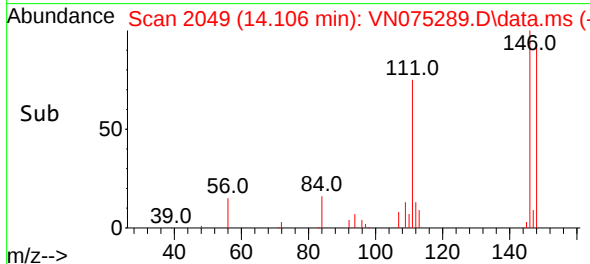
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion:146 Resp: 74974
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 64.0 31.4 94.2

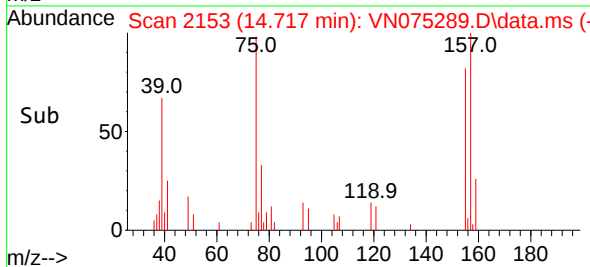
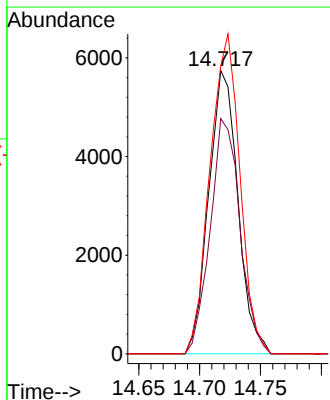
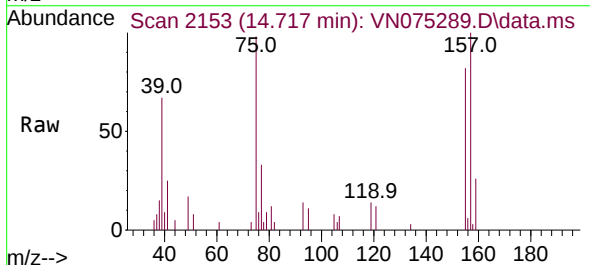
Manual Integrations
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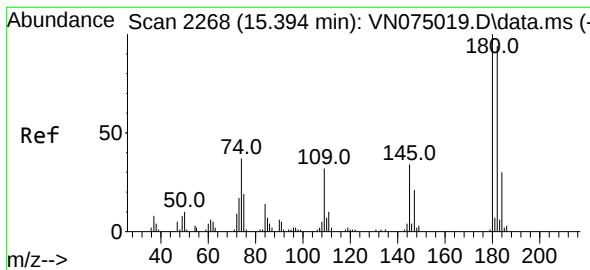
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.850 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

Tgt Ion: 75 Resp: 9568
Ion Ratio Lower Upper
75 100
155 84.7 42.1 126.3
157 116.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 24.215 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

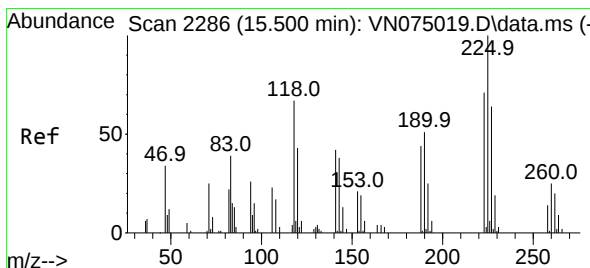
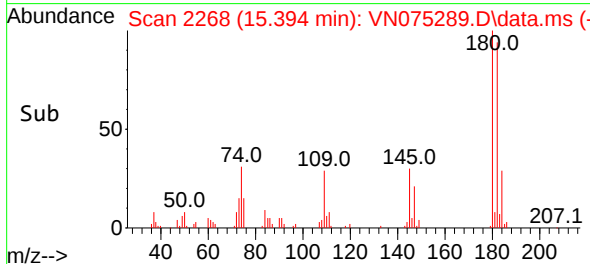
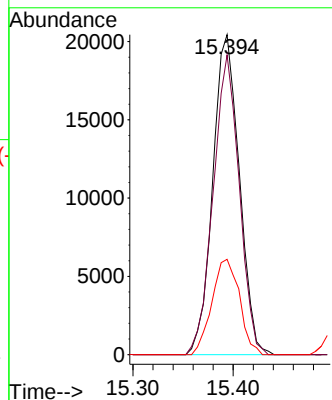
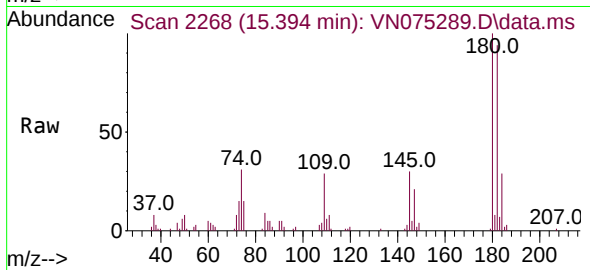
Tgt Ion:180	Resp:	3759
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.8 143.4
145	31.0	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#94

Hexachlorobutadiene

Concen: 24.134 ug/l

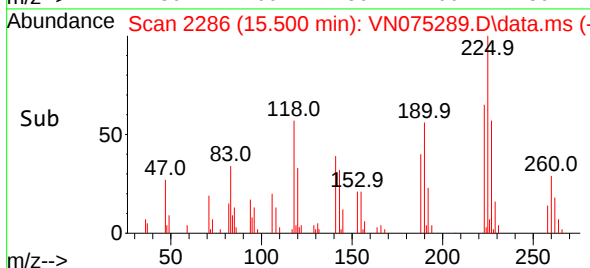
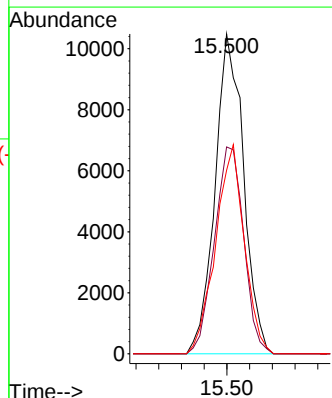
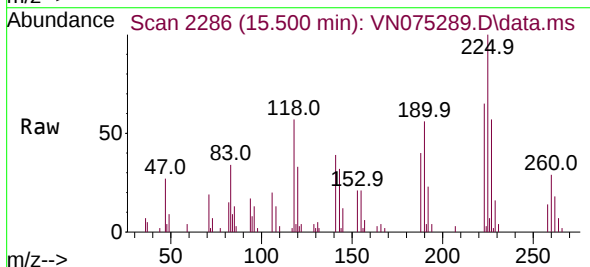
RT: 15.500 min Scan# 2286

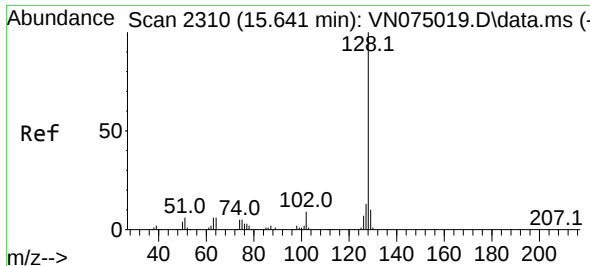
Delta R.T. -0.000 min

Lab File: VN075289.D

Acq: 16 Nov 2022 15:37

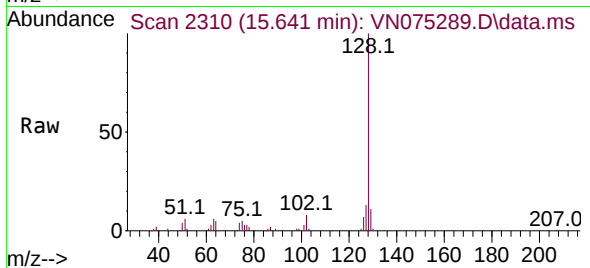
Tgt Ion:225	Resp:	18267
Ion Ratio	Lower	Upper
225	100	
223	66.6	32.3 96.9
227	65.7	32.0 96.2





#95
Naphthalene
Concen: 19.925 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37

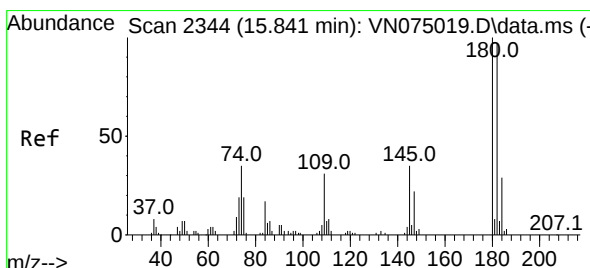
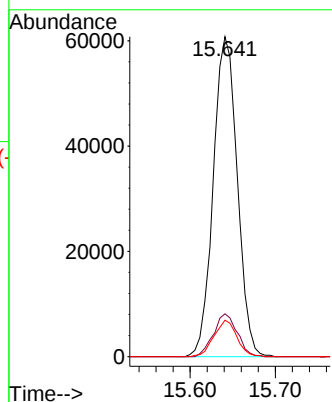
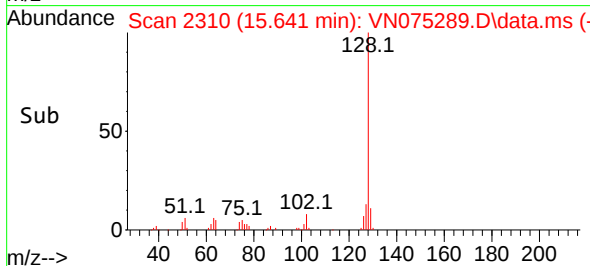
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



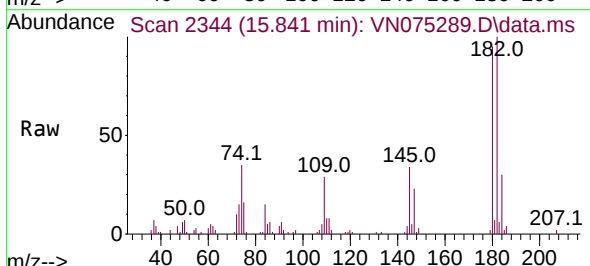
Tgt Ion:128 Resp: 118968
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 23.255 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075289.D
Acq: 16 Nov 2022 15:37



Tgt Ion:180 Resp: 35875
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 33.6 17.6 52.9

