

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075066.D
 Acq On : 28 Oct 2022 17:24
 Operator : JC\MD
 Sample : VN1028WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 03:09:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	94220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	176248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	163067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65741	51.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.171	113	52007	50.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.565	98	203335	50.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.853	95	73603	52.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26473	21.598	ug/l	97
3) Chloromethane	2.371	50	24895	19.122	ug/l	99
4) Vinyl Chloride	2.524	62	36417	19.608	ug/l	97
5) Bromomethane	2.912	94	23827	14.468	ug/l	97
6) Chloroethane	3.071	64	25220	18.937	ug/l	97
7) Trichlorofluoromethane	3.471	101	39433	20.784	ug/l	96
8) Diethyl Ether	3.965	74	14580	21.069	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	21636	20.649	ug/l	97
10) Methyl Iodide	4.589	142	31573	20.241	ug/l	99
11) Tert butyl alcohol	5.559	59	27682	93.504	ug/l	100
12) 1,1-Dichloroethene	4.342	96	20616	20.642	ug/l	87
13) Acrolein	4.189	56	22811	94.200	ug/l	98
14) Allyl chloride	5.018	41	29810	20.436	ug/l	95
15) Acrylonitrile	5.730	53	63460	101.473	ug/l	99
16) Acetone	4.442	43	54511	101.408	ug/l	93
17) Carbon Disulfide	4.706	76	46856	18.656	ug/l	97
18) Methyl Acetate	5.042	43	39018	22.222	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	74974	20.197	ug/l	94
20) Methylene Chloride	5.277	84	25104	20.946	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	21148	19.339	ug/l	96
22) Diisopropyl ether	6.683	45	62633	19.457	ug/l	97
23) Vinyl Acetate	6.612	43	261521m	97.288	ug/l	
24) 1,1-Dichloroethane	6.571	63	40563	19.924	ug/l	98
25) 2-Butanone	7.488	43	86574	102.394	ug/l	100
26) 2,2-Dichloropropane	7.494	77	34257	18.290	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	25814	19.767	ug/l	96
28) Bromochloromethane	7.818	49	18562	21.628	ug/l	94
29) Tetrahydrofuran	7.847	42	53369	97.683	ug/l	99
30) Chloroform	7.971	83	43201	19.544	ug/l	94
31) Cyclohexane	8.253	56	35733	18.925	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	39339	19.598	ug/l	95
36) 1,1-Dichloropropene	8.377	75	31127	19.432	ug/l	99
37) Ethyl Acetate	7.565	43	33295	18.953	ug/l	98
38) Carbon Tetrachloride	8.365	117	33568	19.051	ug/l	95
39) Methylcyclohexane	9.600	83	38519	18.215	ug/l	97
40) Benzene	8.606	78	97037	19.785	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16500	19.605	ug/l	96
42) 1,2-Dichloroethane	8.671	62	35415	19.847	ug/l	99
43) Isopropyl Acetate	8.694	43	54117	19.860	ug/l	99
44) Trichloroethene	9.353	130	23188	18.844	ug/l	98
45) 1,2-Dichloropropane	9.624	63	24020	20.579	ug/l	100
46) Dibromomethane	9.712	93	17793	19.567	ug/l	97
47) Bromodichloromethane	9.888	83	34205	19.424	ug/l	99
48) Methyl methacrylate	9.682	41	24439	19.552	ug/l	96
49) 1,4-Dioxane	9.700	88	12431	379.789	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	174785	99.401	ug/l	98
52) Toluene	10.635	92	63433	19.348	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	35587	19.146	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	38378	19.467	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	25456	19.582	ug/l	93
56) Ethyl methacrylate	10.876	69	39675	20.008	ug/l	99
57) 1,3-Dichloropropane	11.165	76	42397	19.584	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	84445	110.154	ug/l	99
59) 2-Hexanone	11.200	43	133611	100.117	ug/l	98
60) Dibromochloromethane	11.359	129	25769	18.788	ug/l	98
61) 1,2-Dibromoethane	11.471	107	26335	19.767	ug/l	100
64) Tetrachloroethene	11.106	164	19878	19.883	ug/l	92
65) Chlorobenzene	11.894	112	66264	19.037	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	24177	18.724	ug/l	98
67) Ethyl Benzene	11.965	91	122401	19.546	ug/l	99
68) m/p-Xylenes	12.070	106	96257	38.308	ug/l	98
69) o-Xylene	12.400	106	48565	19.544	ug/l	98
70) Styrene	12.412	104	75810	19.133	ug/l	98
71) Bromoform	12.576	173	16722	17.298	ug/l #	99
73) Isopropylbenzene	12.700	105	125286	20.787	ug/l	100
74) N-amyl acetate	12.500	43	47970	21.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	39860	20.688	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	31812m	19.957	ug/l	
77) Bromobenzene	12.982	156	27452	20.686	ug/l	97
78) n-propylbenzene	13.041	91	142599	21.073	ug/l	98
79) 2-Chlorotoluene	13.129	91	86735	20.976	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	106343	21.007	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	11296	18.191	ug/l	91
82) 4-Chlorotoluene	13.129	91	86735	20.976	ug/l	98
83) tert-Butylbenzene	13.441	119	93873	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	107908	21.068	ug/l	99
85) sec-Butylbenzene	13.617	105	131906	20.962	ug/l	97
86) p-Isopropyltoluene	13.729	119	105968	20.391	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	51780	19.928	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	50783	19.748	ug/l	96
89) n-Butylbenzene	14.059	91	85219	20.363	ug/l	99
90) Hexachloroethane	14.335	117	18793	19.723	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	50243	19.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8227	20.236	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	23076	20.759	ug/l	97
94) Hexachlorobutadiene	15.500	225	10193	18.810	ug/l	98
95) Naphthalene	15.641	128	88805	20.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23646	21.409	ug/l	99

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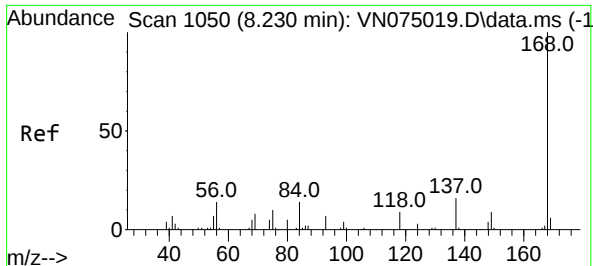
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Response via : Initial Calibration

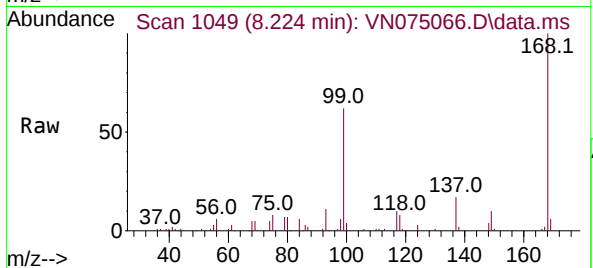
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
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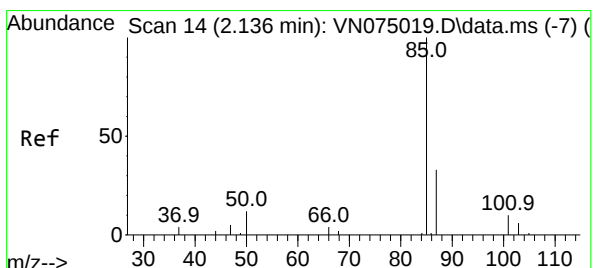
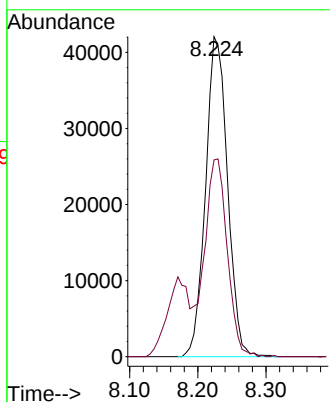
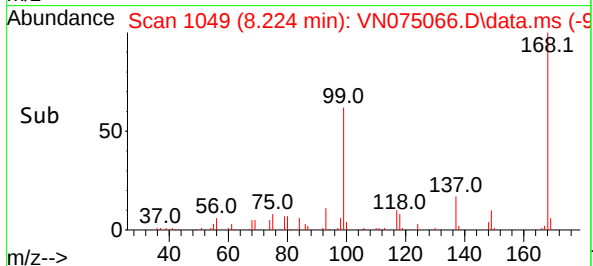
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 94220
Ion Ratio Lower Upper
168 100
99 61.5 51.6 77.4

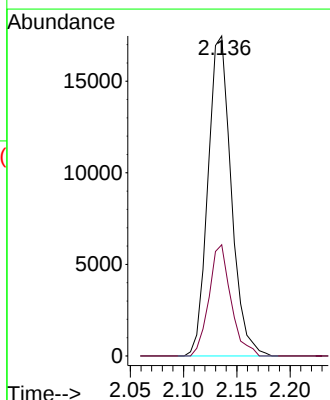
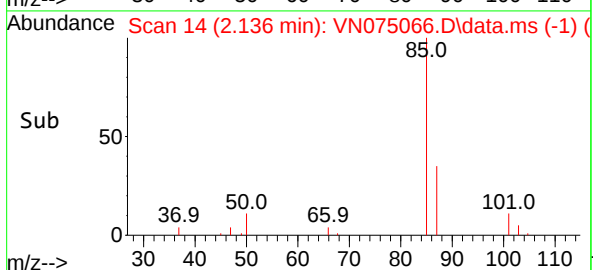
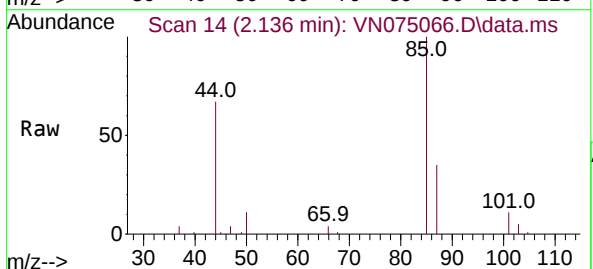
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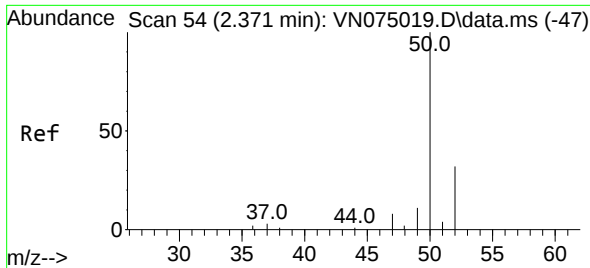
Reviewed By :John Carlone 10/31/2022
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#2
Dichlorodifluoromethane
Concen: 21.598 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 85 Resp: 26473
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.0





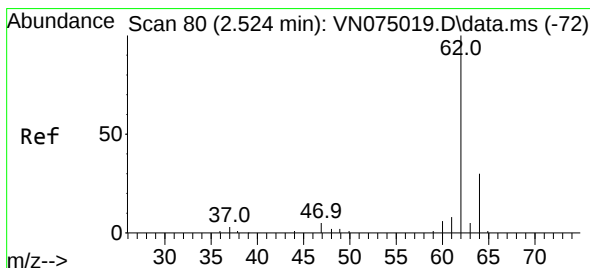
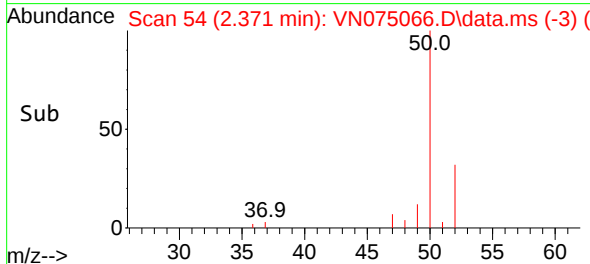
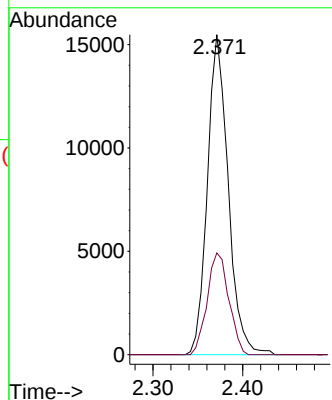
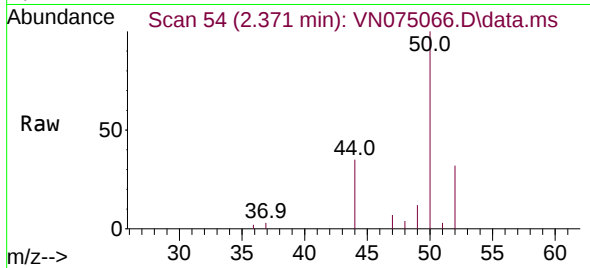
#3
Chloromethane
Concen: 19.122 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075066.D
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Tgt Ion: 50 Resp: 2489
Ion Ratio Lower Upper
50 100
52 31.8 25.8 38.6

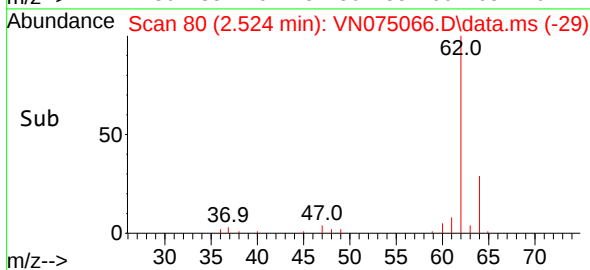
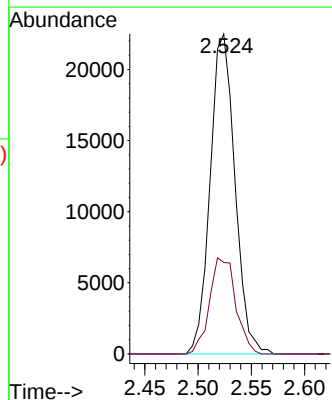
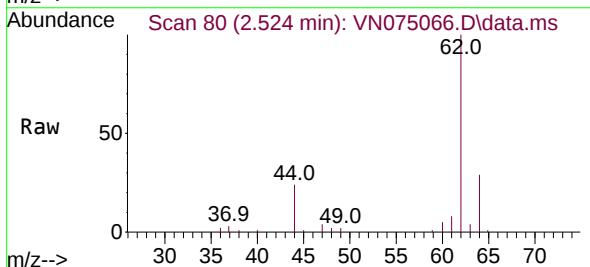
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#4
Vinyl Chloride
Concen: 19.608 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075066.D
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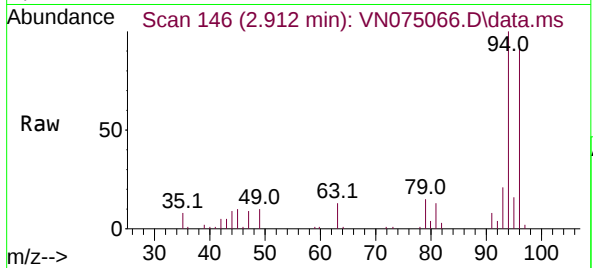
Tgt Ion: 62 Resp: 36417
Ion Ratio Lower Upper
62 100
64 28.6 24.0 36.0





#5
Bromomethane
Concen: 14.468 ug/l
RT: 2.912 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

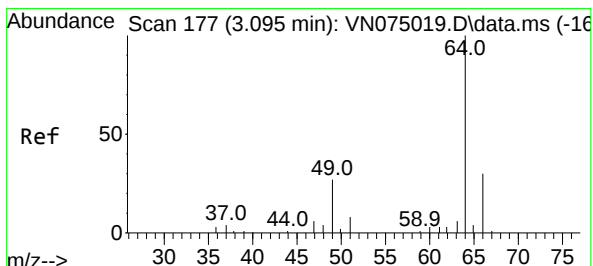
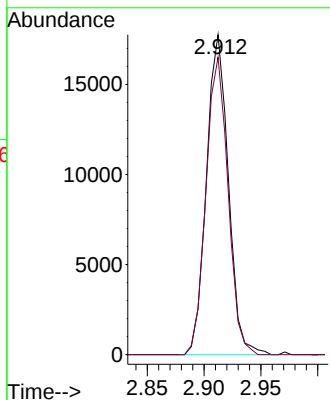
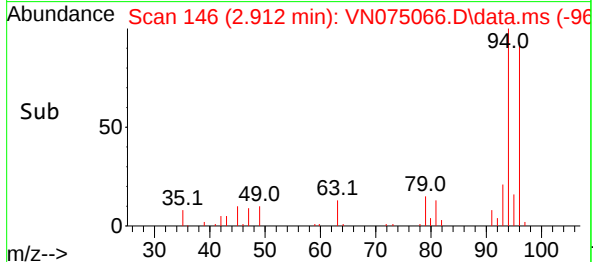
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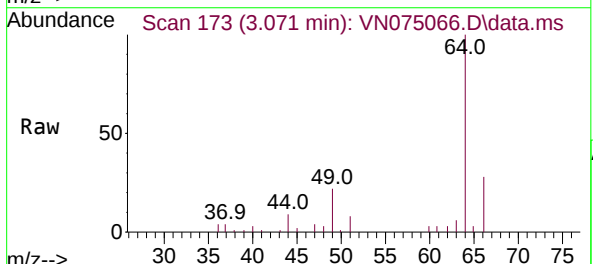
Tgt Ion: 94 Resp: 2382
Ion Ratio Lower Upper
94 100
96 93.0 71.8 107.6

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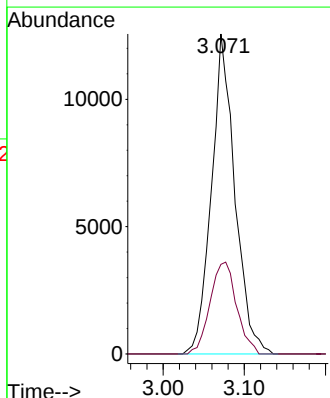
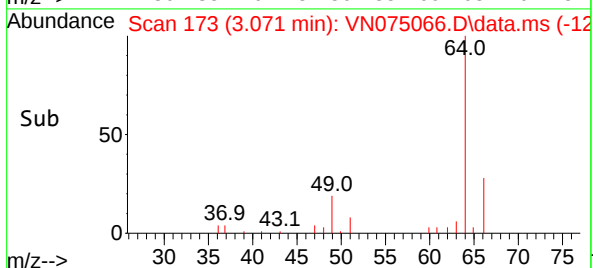
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#6
Chloroethane
Concen: 18.937 ug/l
RT: 3.071 min Scan# 173
Delta R.T. -0.024 min
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Tgt Ion: 64 Resp: 25220
Ion Ratio Lower Upper
64 100
66 28.0 23.8 35.8





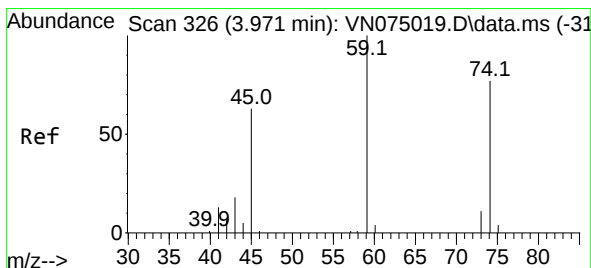
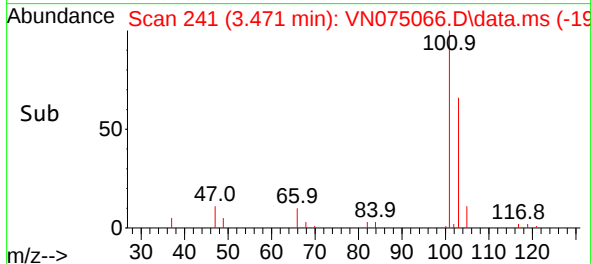
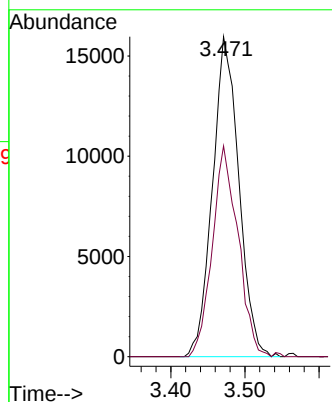
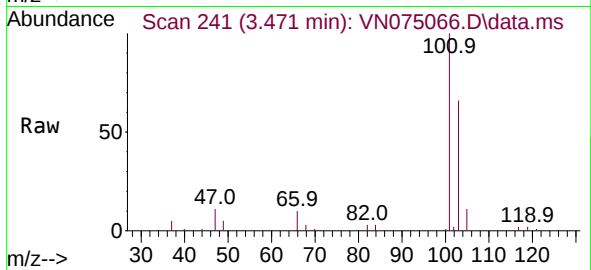
#7
Trichlorofluoromethane
Concen: 20.784 ug/l
RT: 3.471 min Scan# 244
Delta R.T. -0.018 min
Lab File: VN075066.D
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Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 3943
Ion Ratio Lower Upper
101 100
103 65.8 50.5 75.7

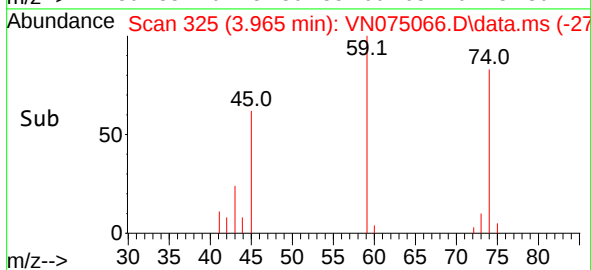
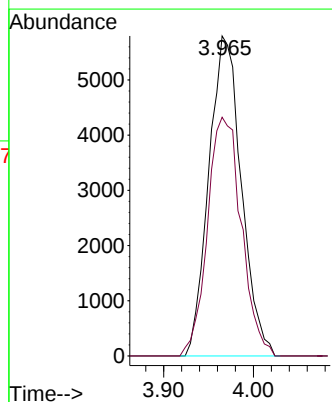
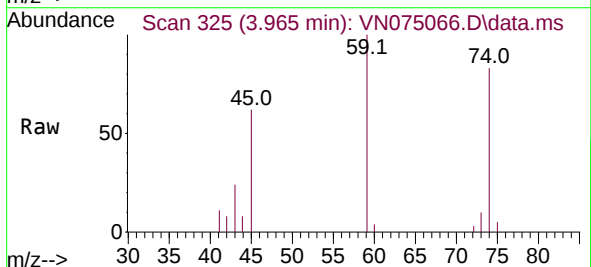
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#8
Diethyl Ether
Concen: 21.069 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 74 Resp: 14580
Ion Ratio Lower Upper
74 100
45 77.5 39.3 117.9





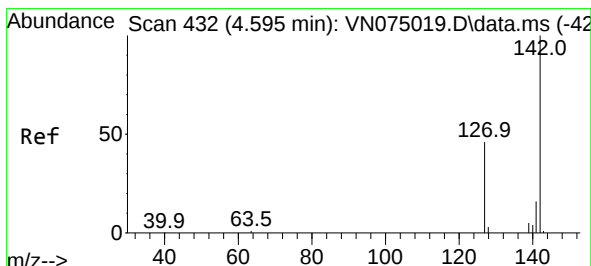
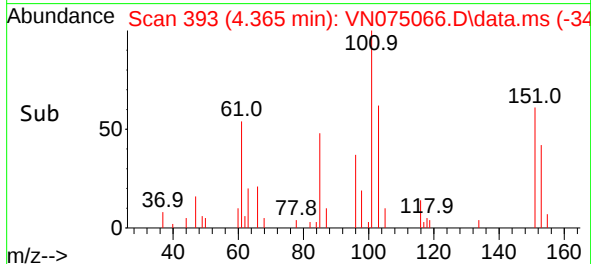
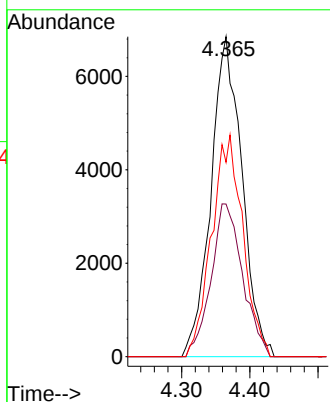
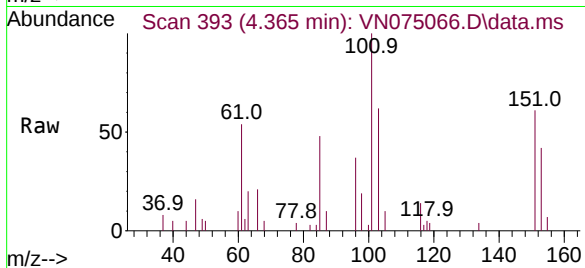
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.649 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075066.D
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Tgt Ion:101 Resp: 21630
Ion Ratio Lower Upper
101 100
85 48.7 37.6 56.4
151 69.8 58.3 87.5

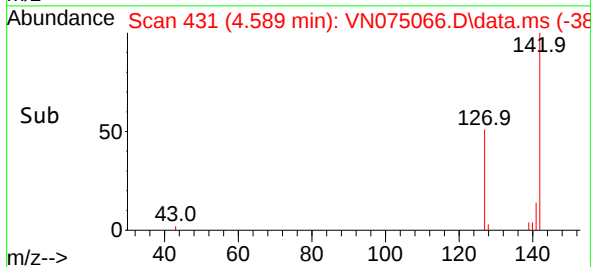
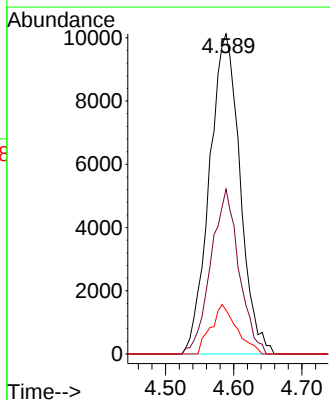
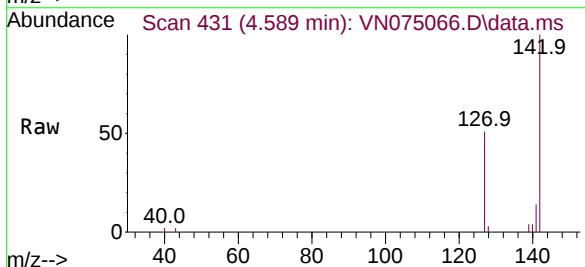
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 20.241 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion:142 Resp: 31573
Ion Ratio Lower Upper
142 100
127 47.4 38.0 57.0
141 13.0 12.2 18.4





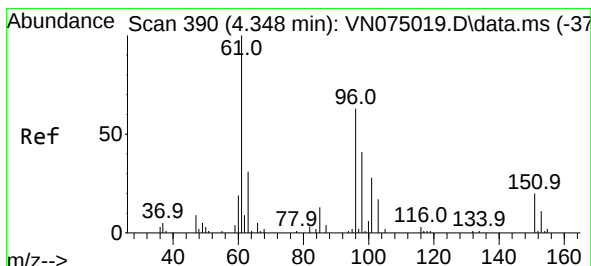
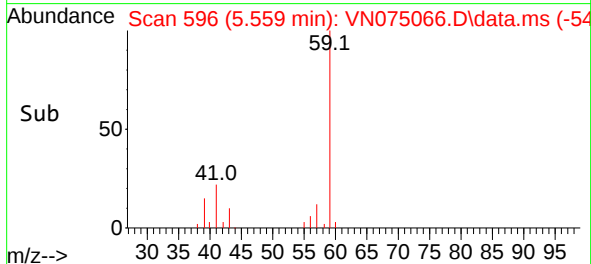
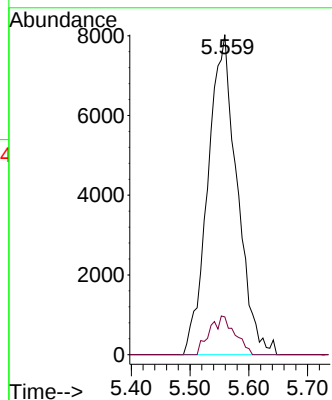
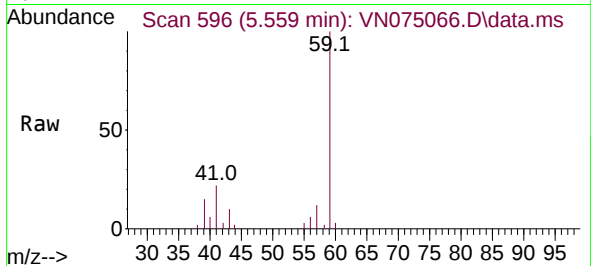
#11
Tert butyl alcohol
Concen: 93.504 ug/l
RT: 5.559 min Scan# 59
Delta R.T. 0.017 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 59 Resp: 2768
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

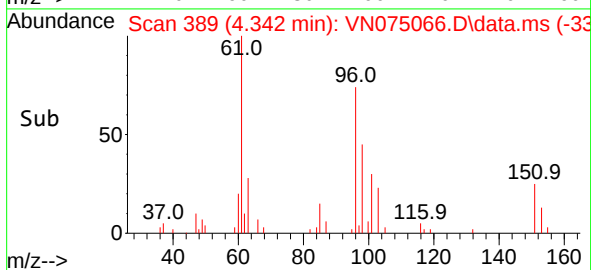
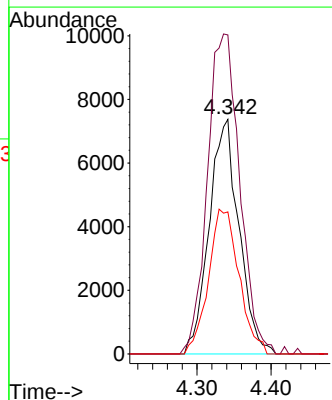
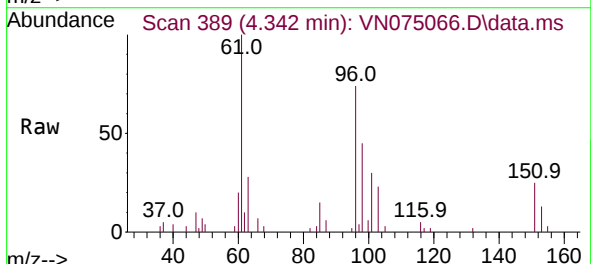
Manual Integrations
APPROVED

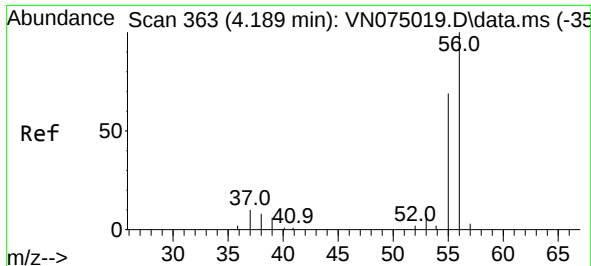
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 20.642 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

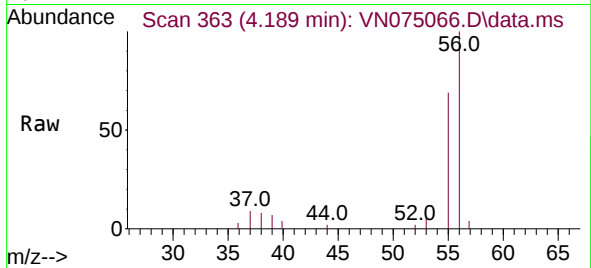
Tgt Ion: 96 Resp: 20616
Ion Ratio Lower Upper
96 100
61 136.0 126.2 189.4
98 60.5 51.5 77.3





#13
Acrolein
Concen: 94.200 ug/l
RT: 4.189 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

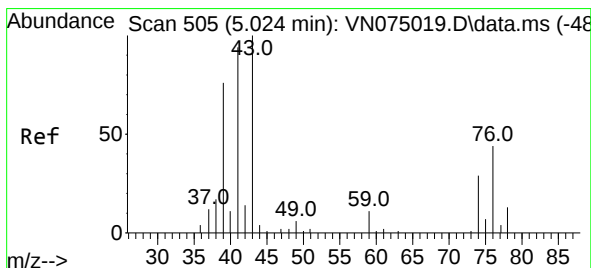
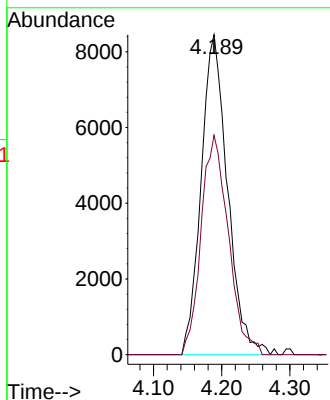
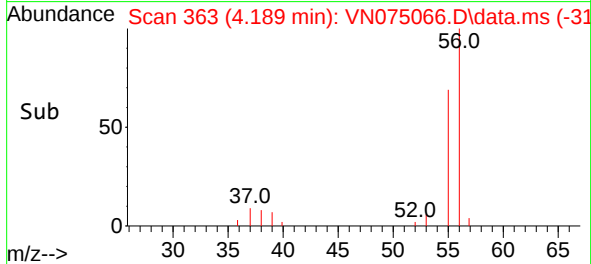
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 56 Resp: 2281
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8

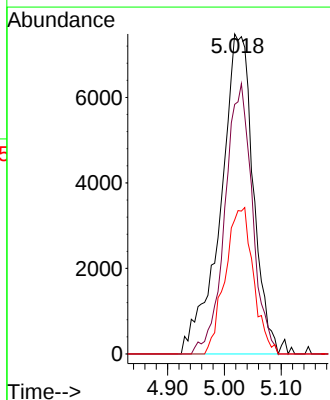
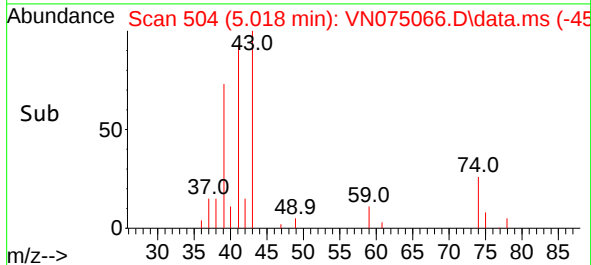
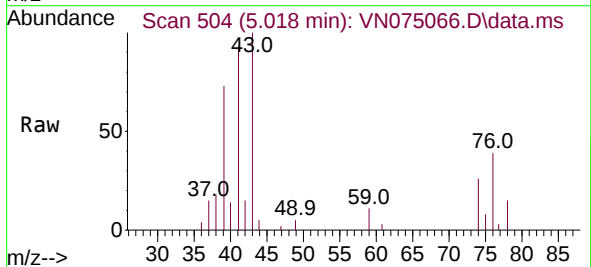
Manual Integrations
APPROVED

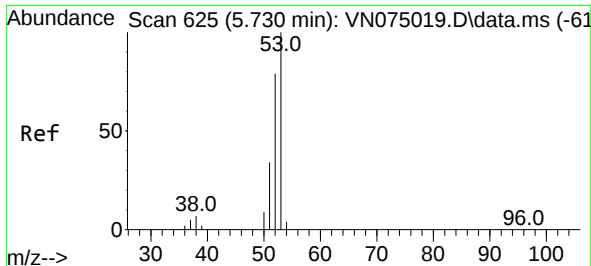
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 20.436 ug/l
RT: 5.018 min Scan# 504
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

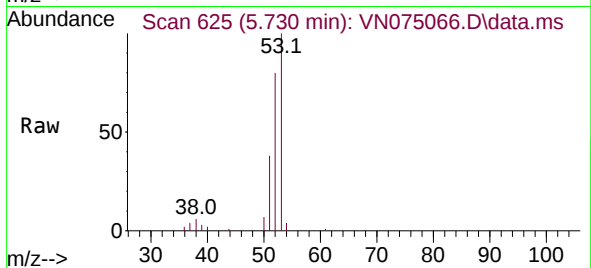
Tgt Ion: 41 Resp: 29810
Ion Ratio Lower Upper
41 100
39 70.9 61.0 91.4
76 39.4 33.4 50.0





#15
Acrylonitrile
Concen: 101.473 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

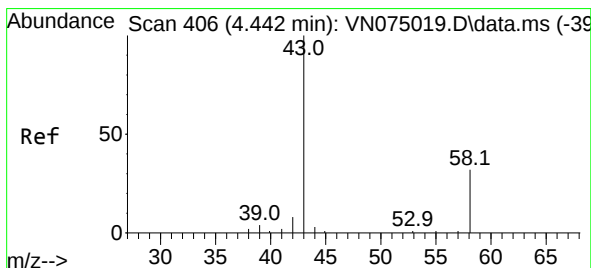
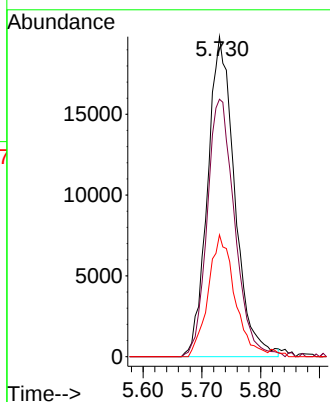
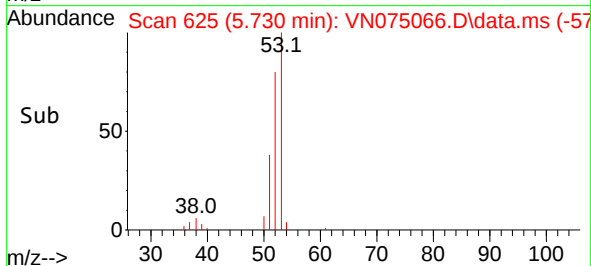
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



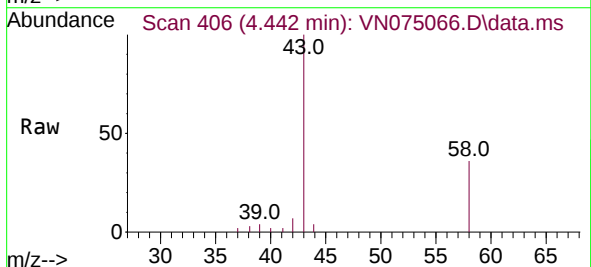
Tgt Ion: 53 Resp: 63460
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 37.3 29.6 44.4

Manual Integrations
APPROVED

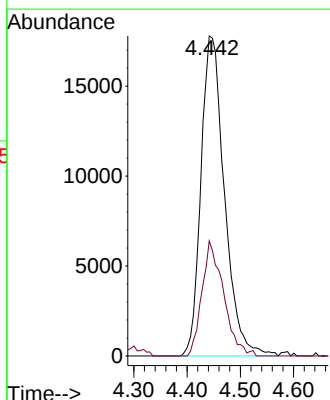
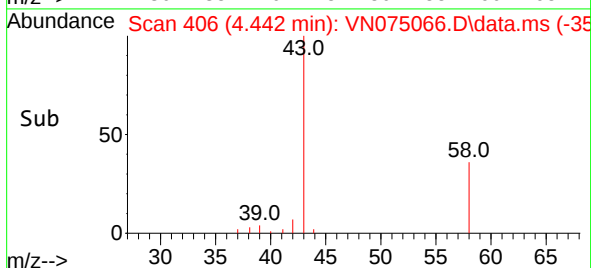
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

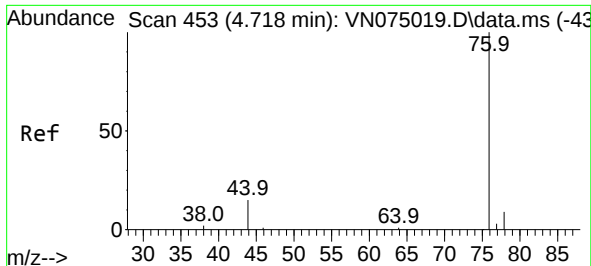


#16
Acetone
Concen: 101.408 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



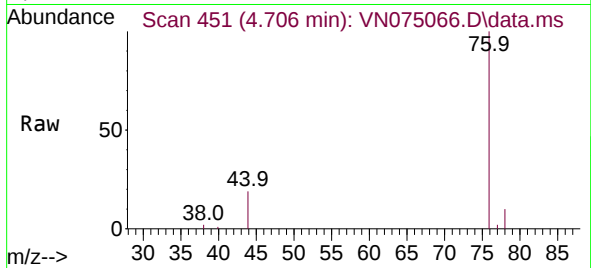
Tgt Ion: 43 Resp: 54511
Ion Ratio Lower Upper
43 100
58 35.9 25.5 38.3





#17
Carbon Disulfide
Concen: 18.656 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

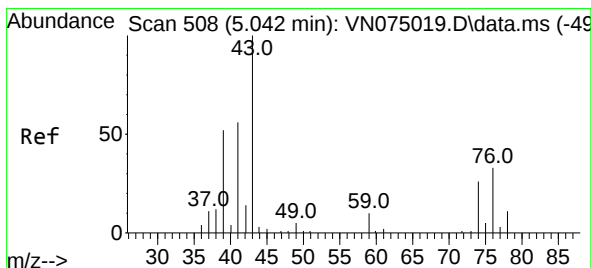
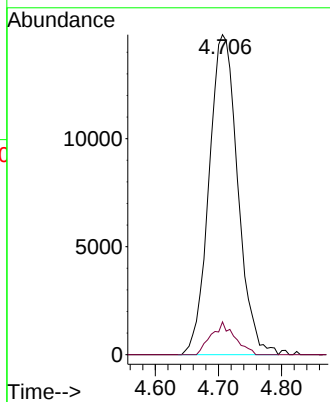
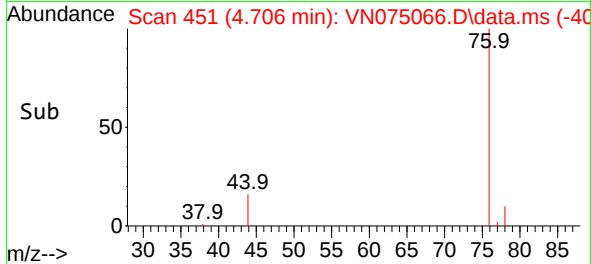
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 76 Resp: 46850
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

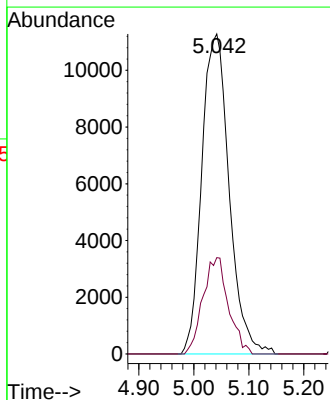
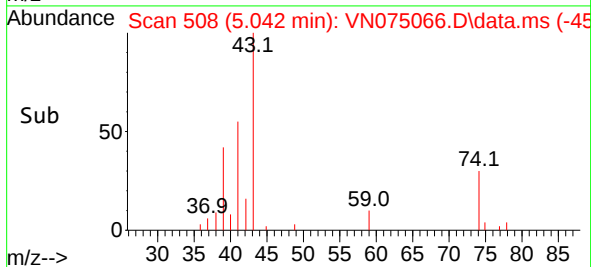
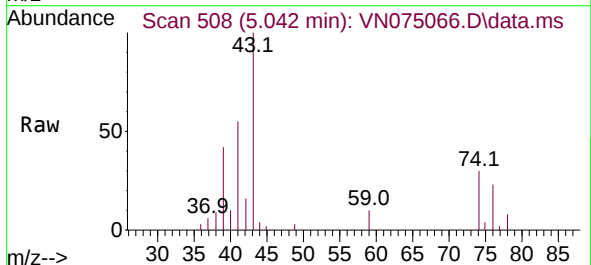
Manual Integrations
APPROVED

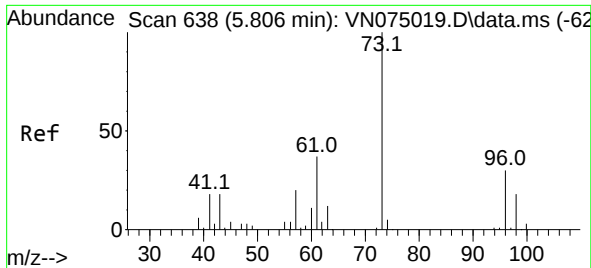
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 22.222 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 43 Resp: 39018
Ion Ratio Lower Upper
43 100
74 28.1 22.0 33.0





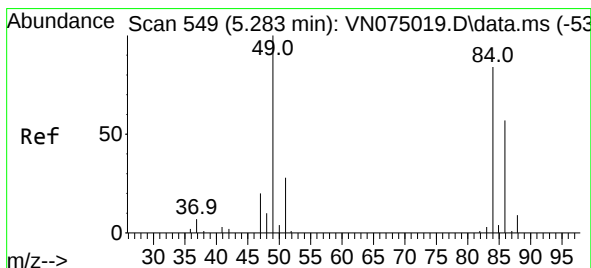
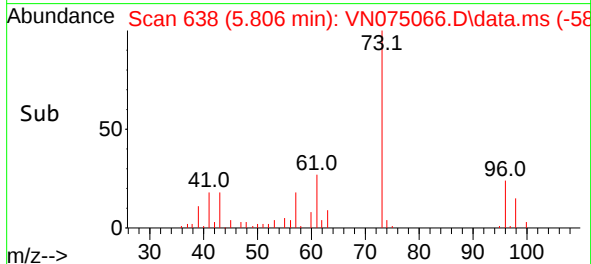
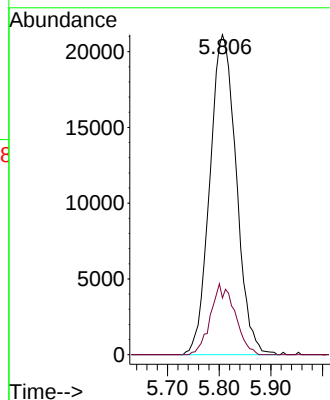
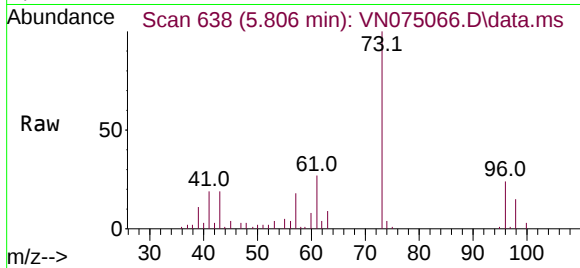
#19
Methyl tert-butyl Ether
Concen: 20.197 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 73 Resp: 74974
Ion Ratio Lower Upper
73 100
57 17.7 16.3 24.5

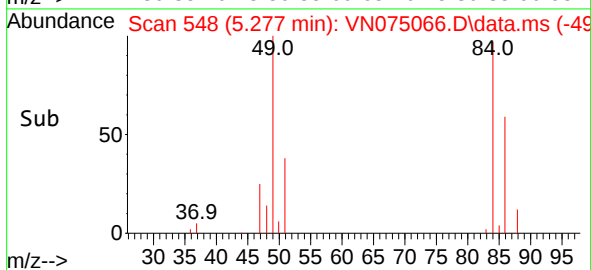
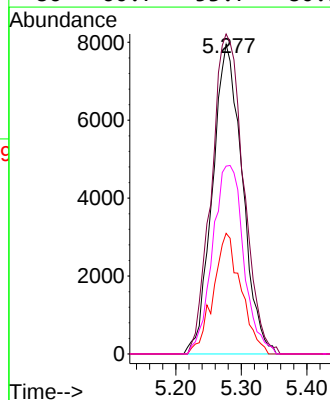
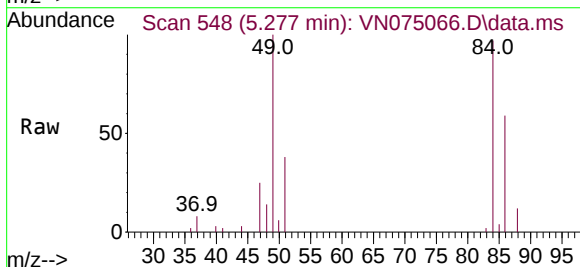
Manual Integrations
APPROVED

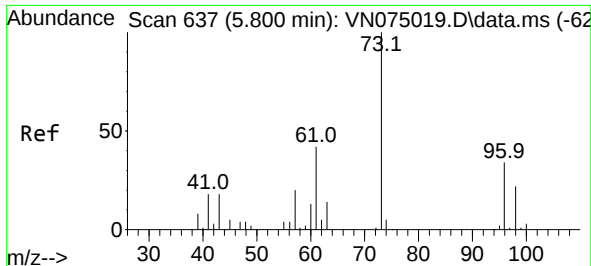
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 20.946 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 84 Resp: 25104
Ion Ratio Lower Upper
84 100
49 103.3 94.9 142.3
51 38.9 26.8 40.2
86 60.7 53.7 80.5





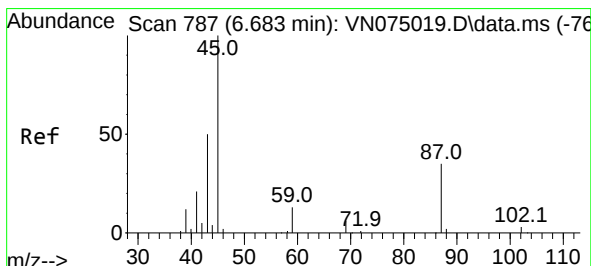
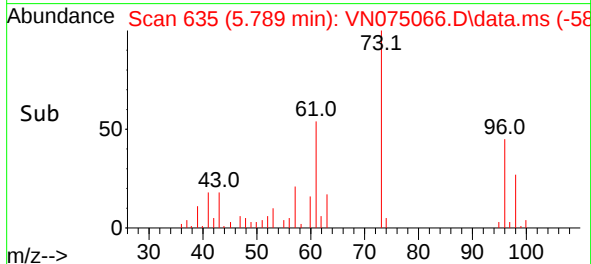
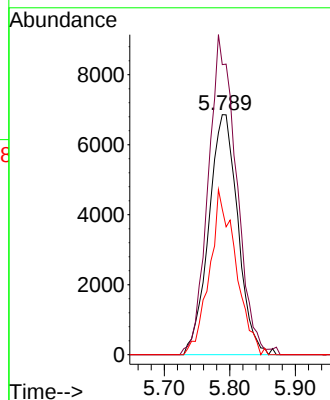
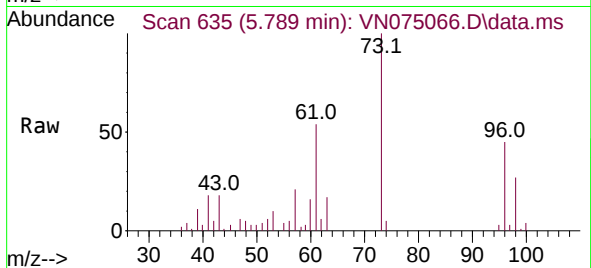
#21
trans-1,2-Dichloroethene
Concen: 19.339 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.011 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 96 Resp: 21148
Ion Ratio Lower Upper
96 100
61 120.9 99.9 149.9
98 60.6 51.5 77.3

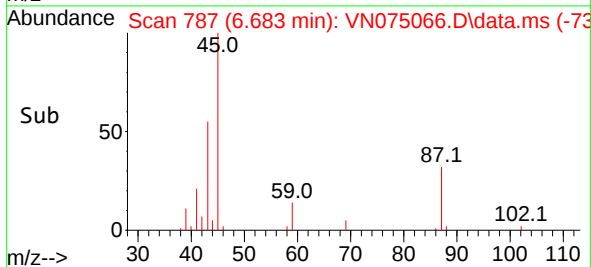
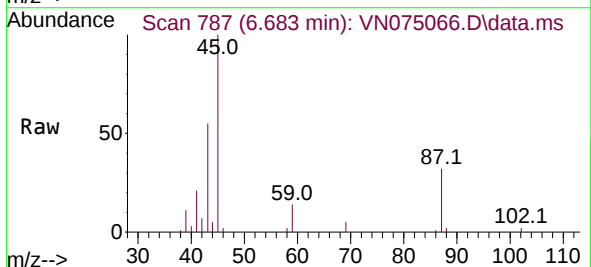
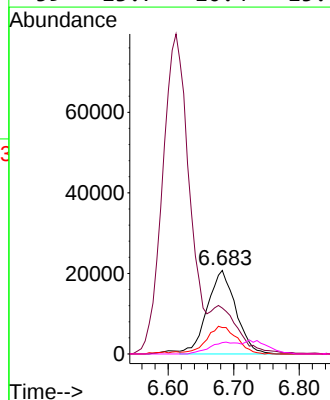
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 19.457 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

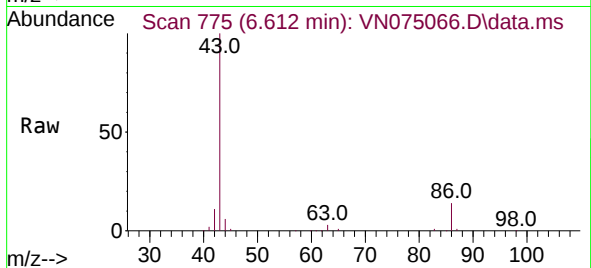
Tgt Ion: 45 Resp: 62633
Ion Ratio Lower Upper
45 100
43 52.9 42.8 64.2
87 31.6 28.4 42.6
59 13.7 10.4 15.6





#23
 Vinyl Acetate
 Concen: 97.288 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

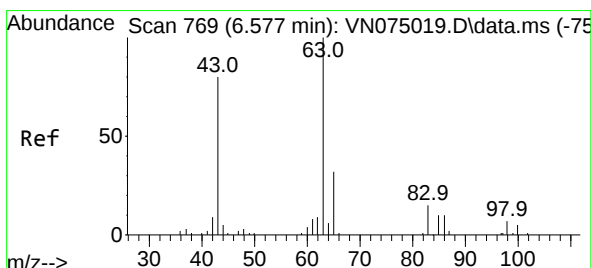
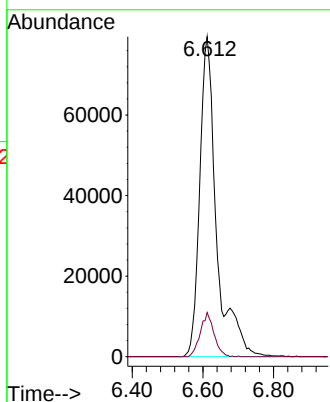
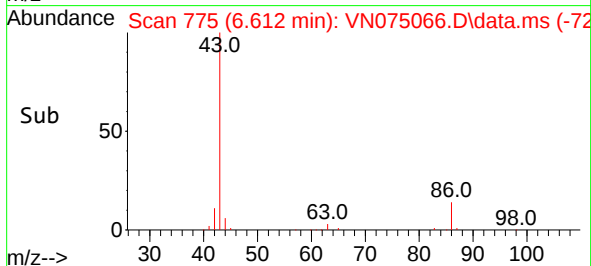
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



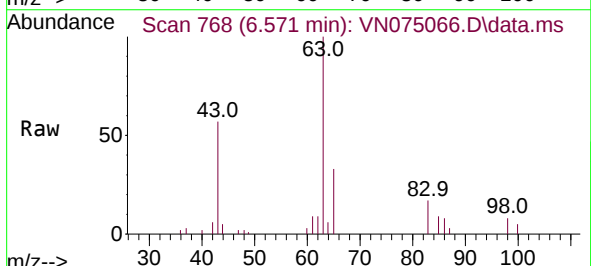
Tgt Ion: 43 Resp: 26152
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.7 16.1

Manual Integrations
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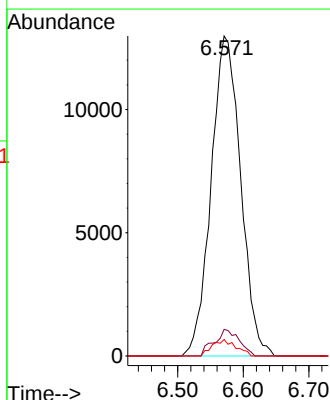
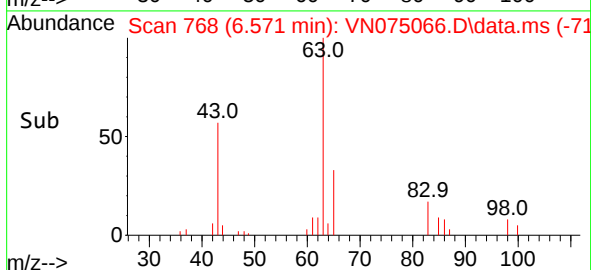
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

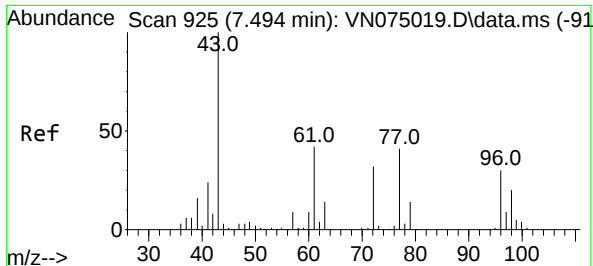


#24
 1,1-Dichloroethane
 Concen: 19.924 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24



Tgt Ion: 63 Resp: 40563
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 102.394 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 43 Resp: 86574

Ion Ratio Lower Upper

43 100

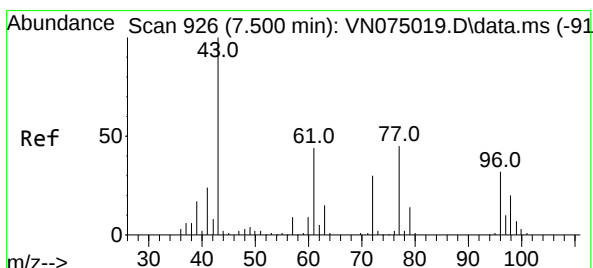
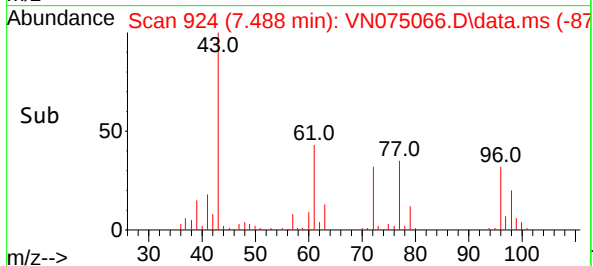
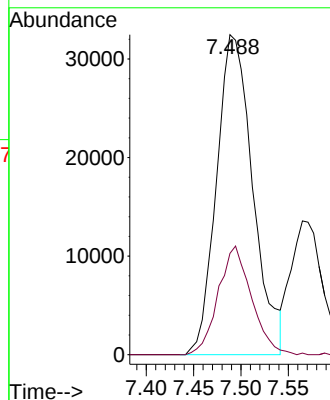
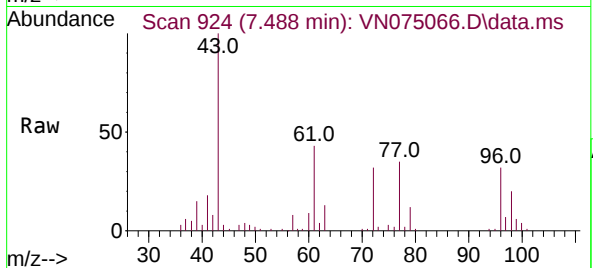
72 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

2,2-Dichloropropane

Concen: 18.290 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075066.D

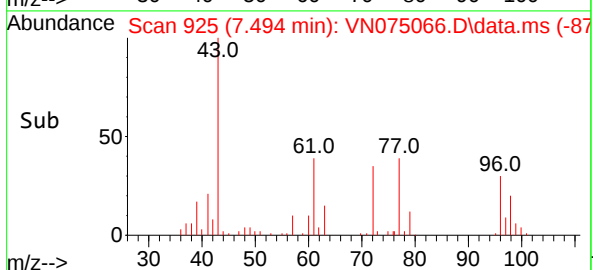
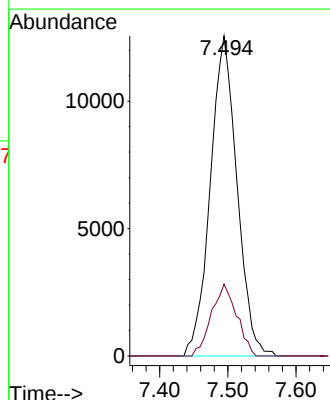
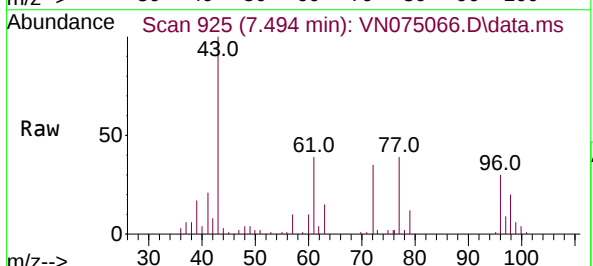
Acq: 28 Oct 2022 17:24

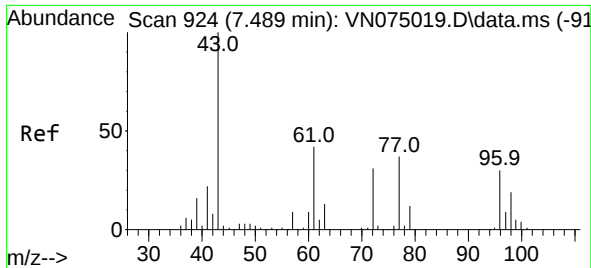
Tgt Ion: 77 Resp: 34257

Ion Ratio Lower Upper

77 100

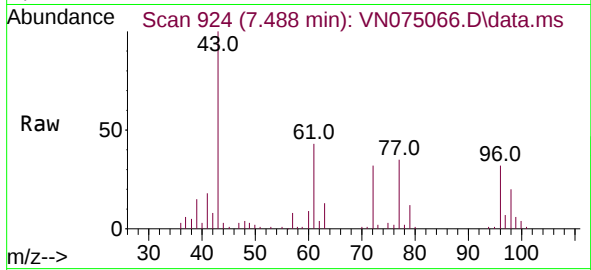
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.767 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

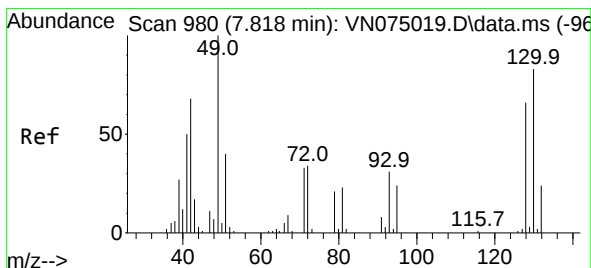
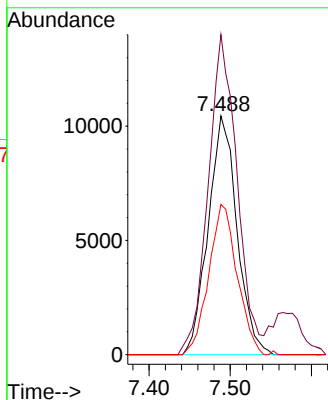
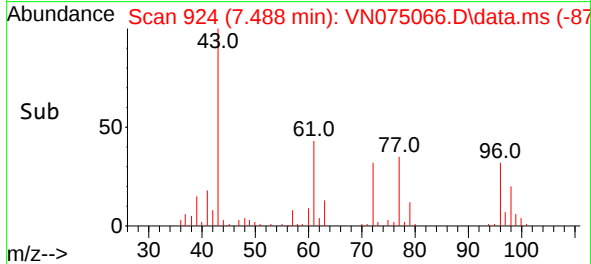
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



Tgt Ion: 96 Resp: 25814
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 278.8
 98 61.9 0.0 128.4

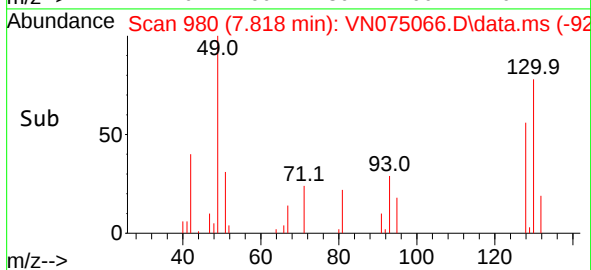
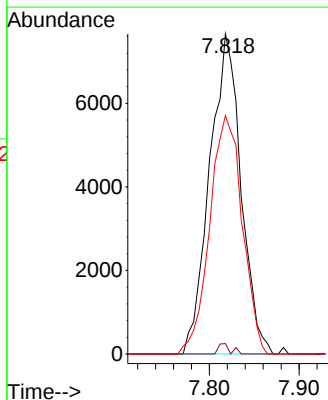
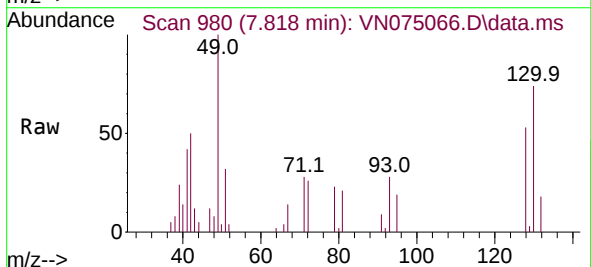
Manual Integrations
 APPROVED

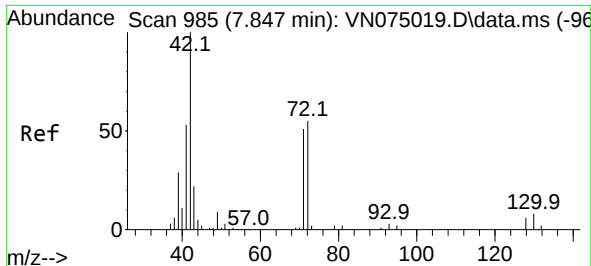
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 21.628 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

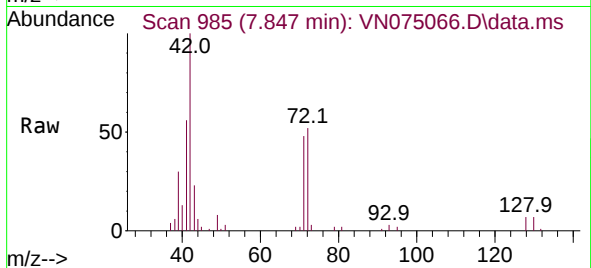
Tgt Ion: 49 Resp: 18562
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 77.3 66.2 99.4





#29
Tetrahydrofuran
Concen: 97.683 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

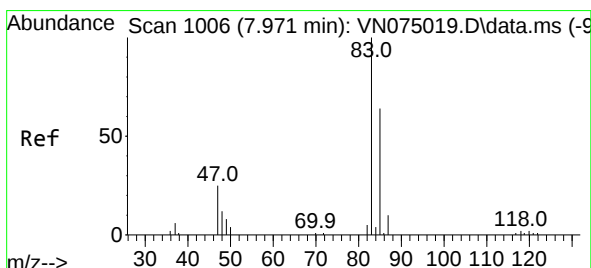
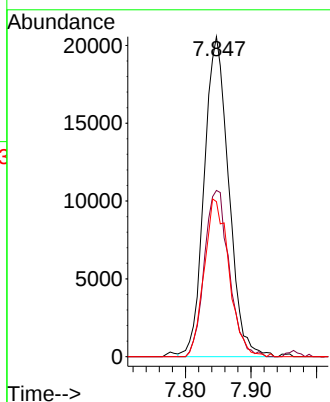
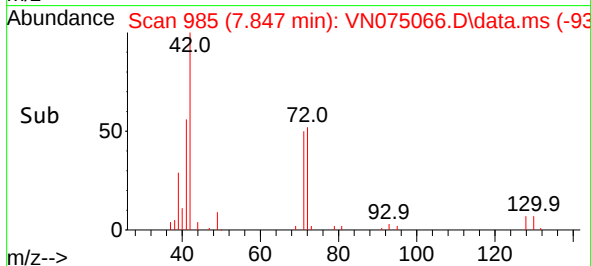
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 42 Resp: 53369
Ion Ratio Lower Upper
42 100
72 52.6 43.0 64.6
71 50.0 39.9 59.9

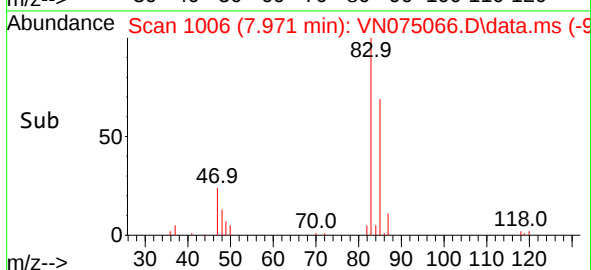
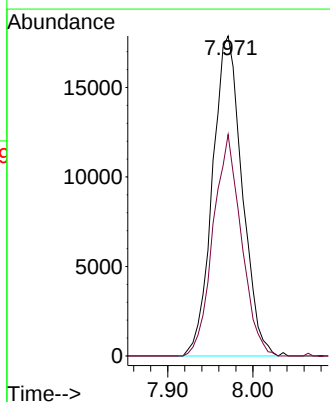
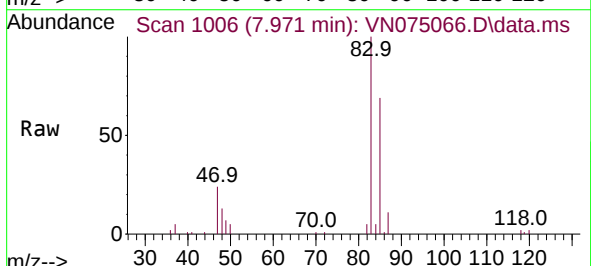
Manual Integrations
APPROVED

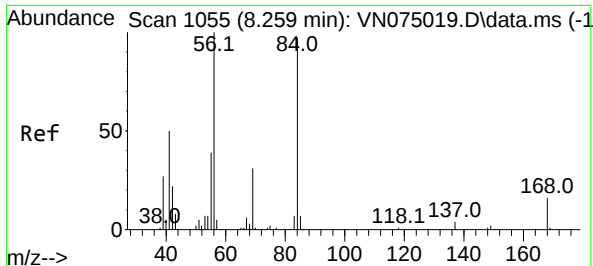
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 19.544 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

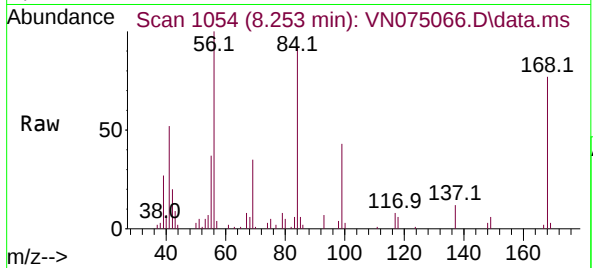
Tgt Ion: 83 Resp: 43201
Ion Ratio Lower Upper
83 100
85 69.2 51.4 77.0





#31
Cyclohexane
Concen: 18.925 ug/l
RT: 8.253 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

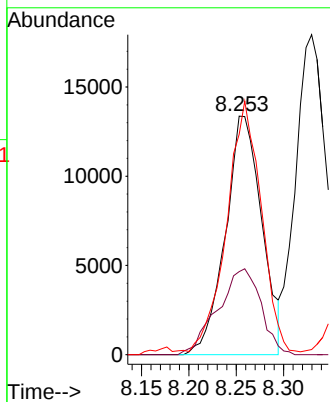
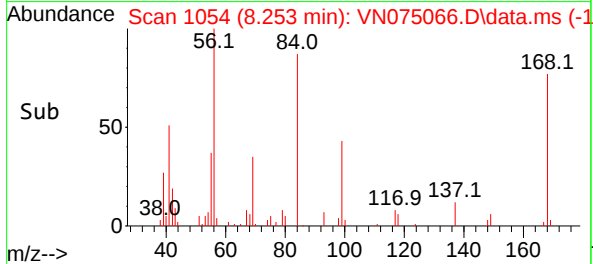
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 56 Resp: 3573
Ion Ratio Lower Upper
56 100
69 34.8 25.2 37.8
84 90.7 77.8 116.8

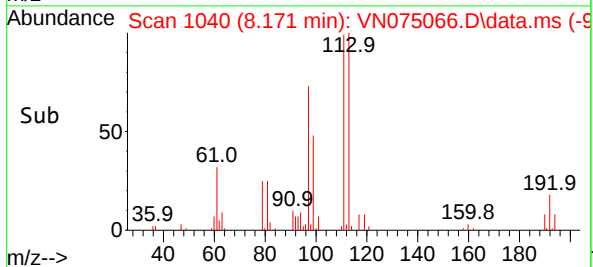
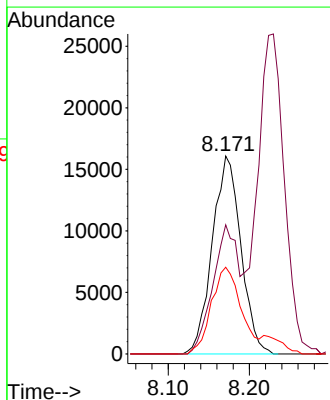
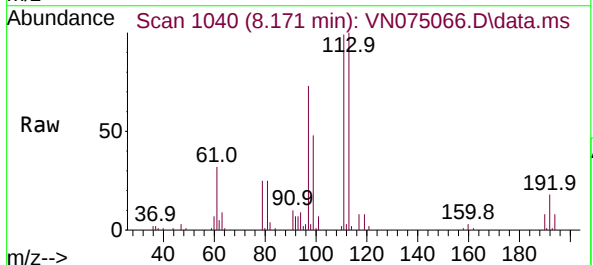
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 19.598 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 97 Resp: 39339
Ion Ratio Lower Upper
97 100
99 56.5 50.2 75.2
61 45.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.785 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 65 Resp: 6574

Ion Ratio Lower Upper

65 100

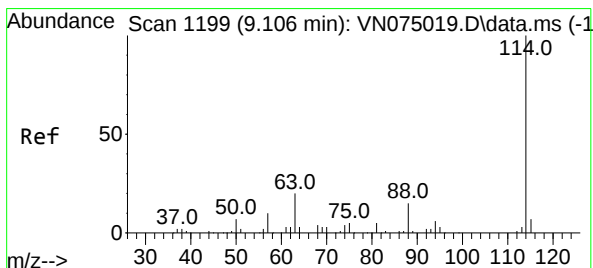
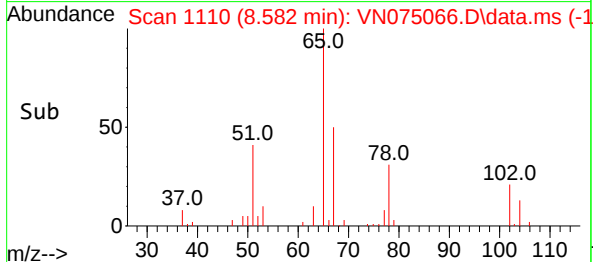
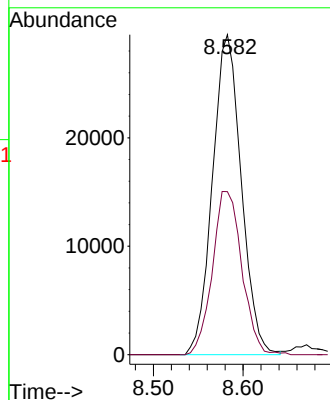
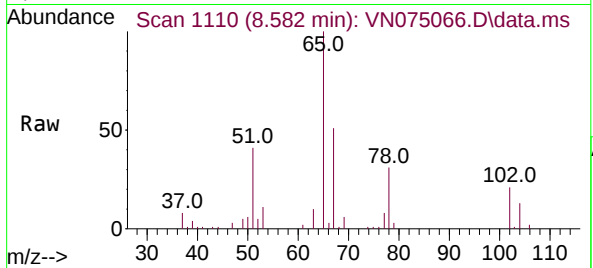
67 52.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

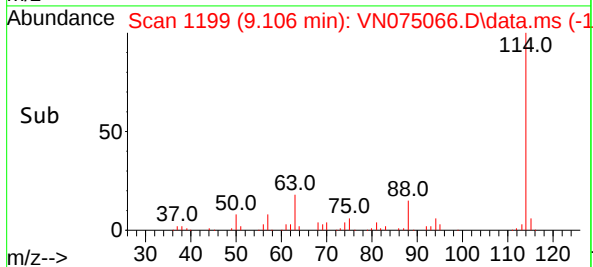
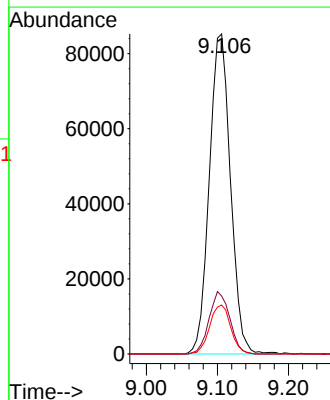
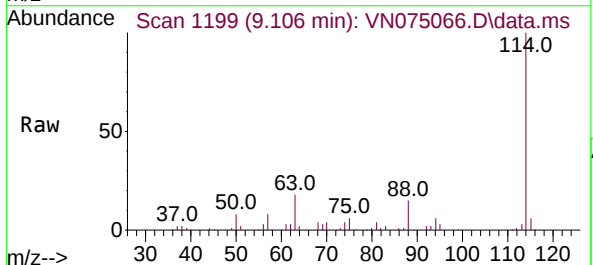
Tgt Ion:114 Resp: 176248

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

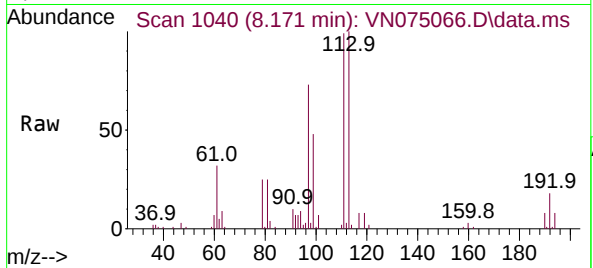
88 15.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 50.265 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

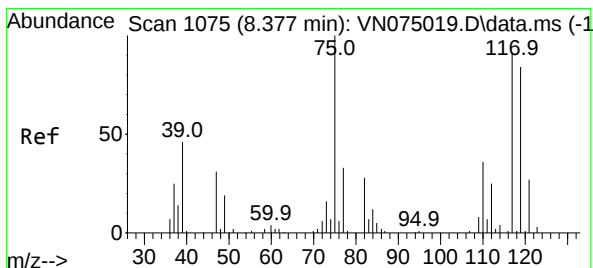
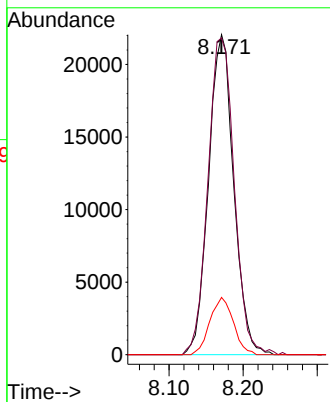
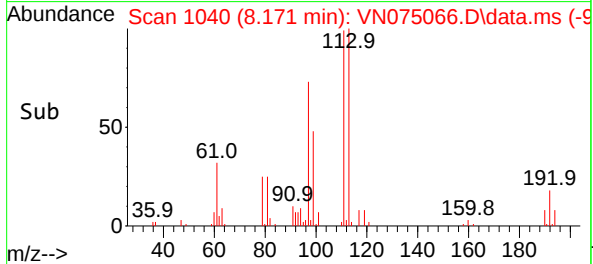
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



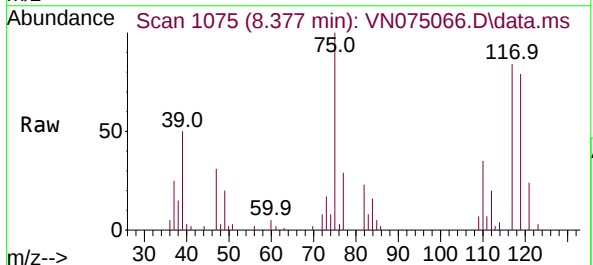
Tgt Ion:113 Resp: 5200
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.7 13.2 19.8

Manual Integrations
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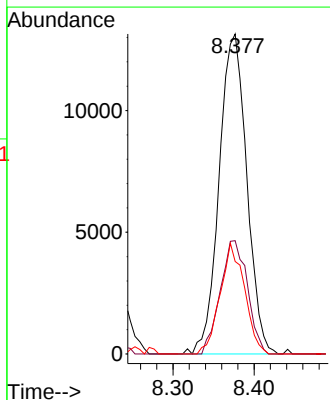
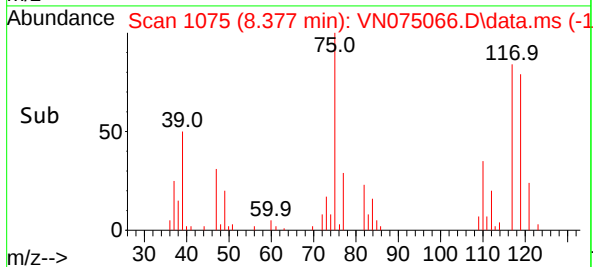
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 19.432 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



Tgt Ion: 75 Resp: 31127
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.3
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 18.953 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 43 Resp: 3329

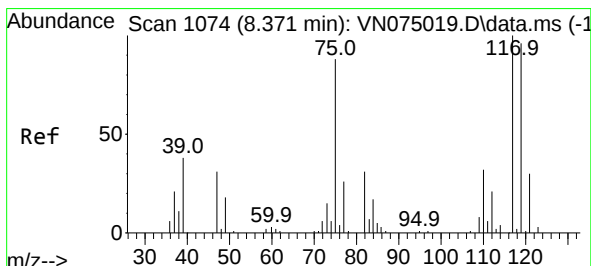
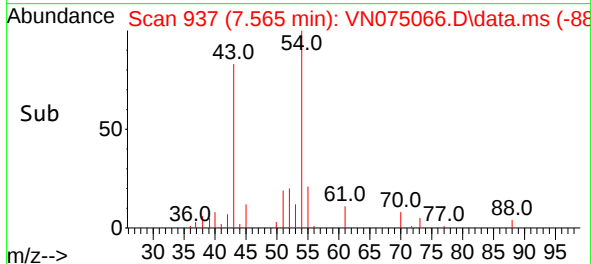
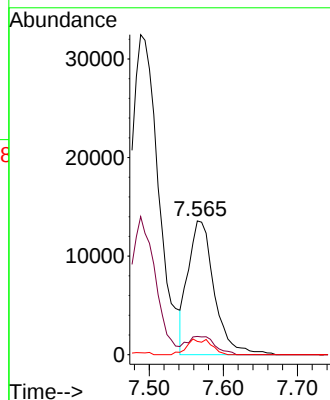
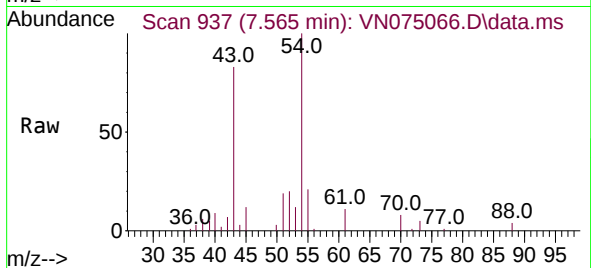
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.4
70	10.7	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 19.051 ug/l

RT: 8.365 min Scan# 1073

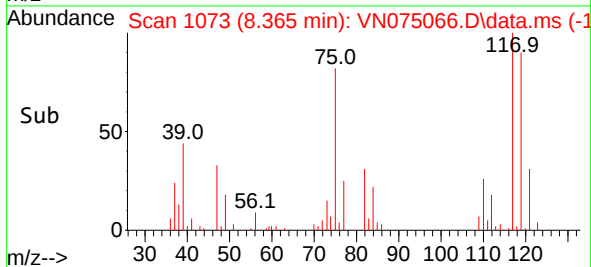
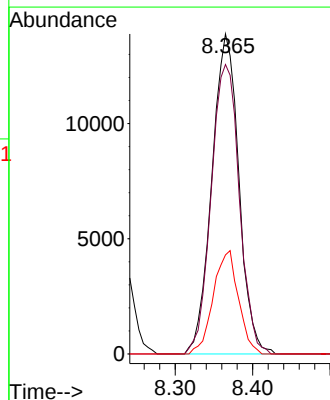
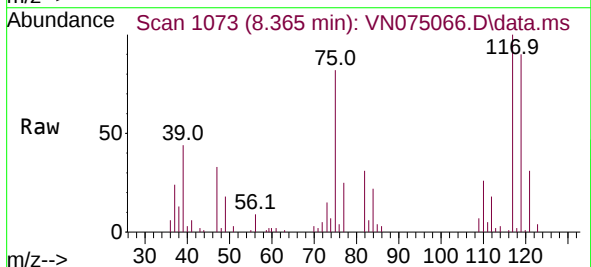
Delta R.T. -0.006 min

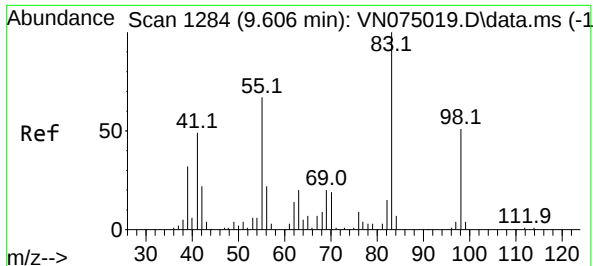
Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Tgt Ion: 117 Resp: 33568

Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.7	115.1
121	31.0	23.9	35.9





#39

Methylcyclohexane

Concen: 18.215 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 83 Resp: 38519

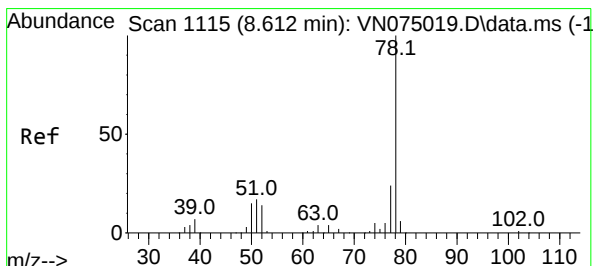
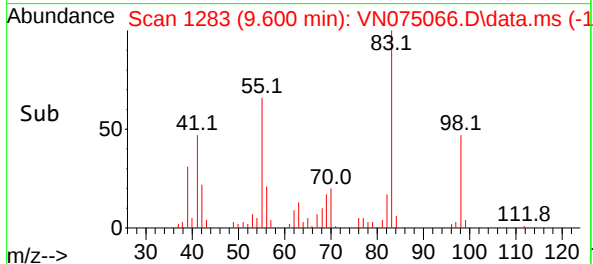
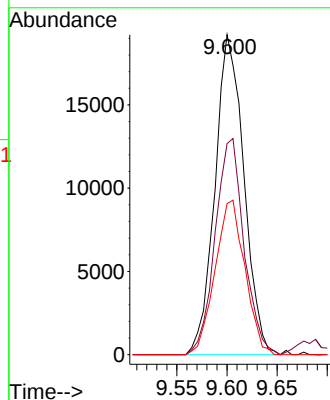
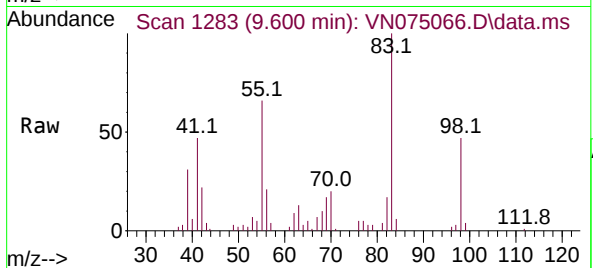
Ion	Ratio	Lower	Upper
83	100		
55	65.9	53.6	80.4
98	47.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 19.785 ug/l

RT: 8.606 min Scan# 1114

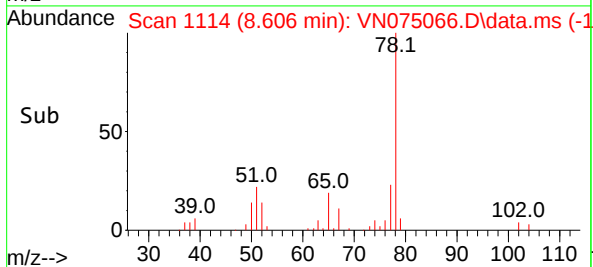
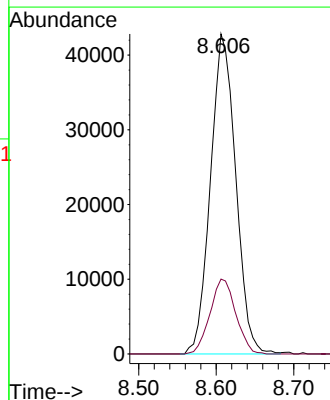
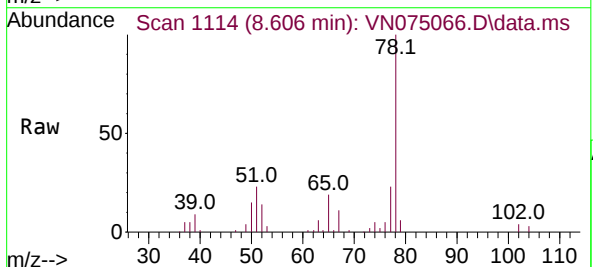
Delta R.T. -0.006 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Tgt Ion: 78 Resp: 97037

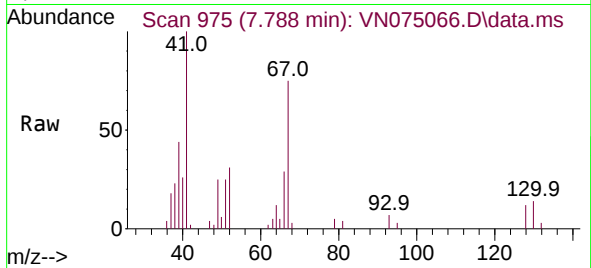
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





#41
Methacrylonitrile
Concen: 19.605 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

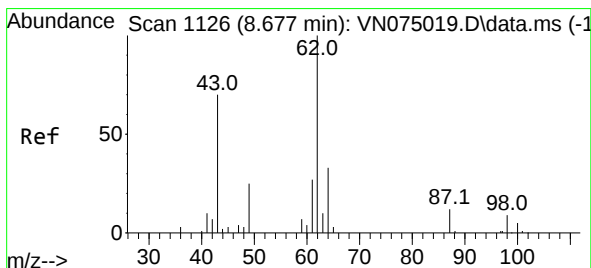
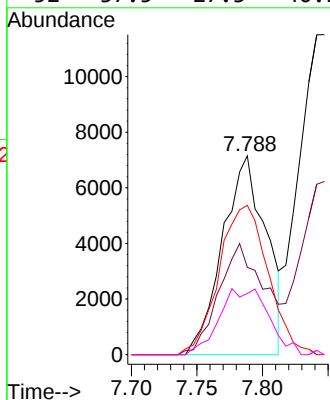
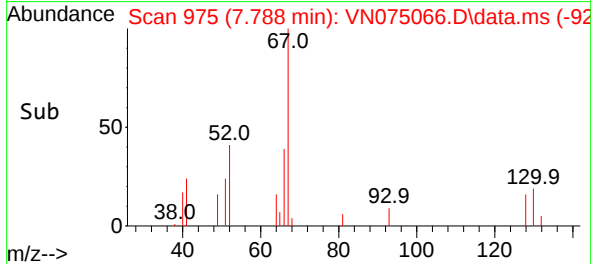
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



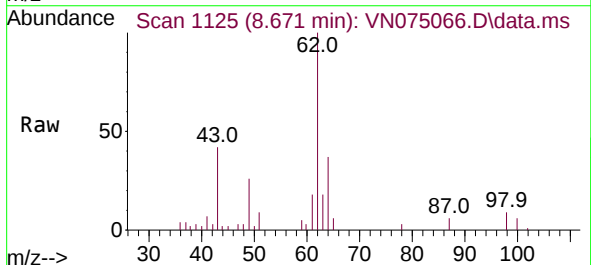
Tgt Ion: 41 Resp: 16500
Ion Ratio Lower Upper
41 100
39 58.2 44.4 66.6
67 84.5 69.8 104.6
52 37.5 27.3 40.9

Manual Integrations
APPROVED

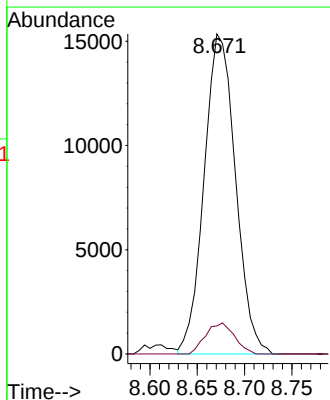
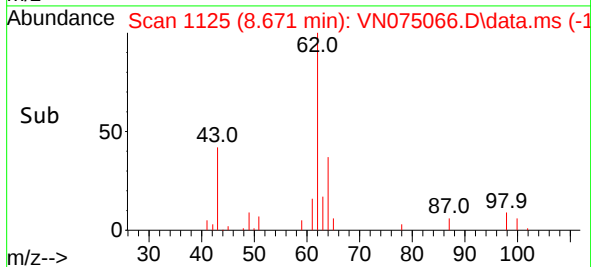
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

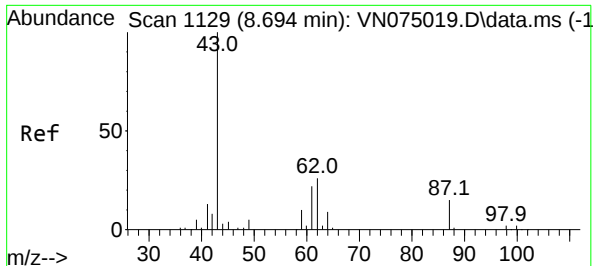


#42
1,2-Dichloroethane
Concen: 19.847 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



Tgt Ion: 62 Resp: 35415
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.860 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

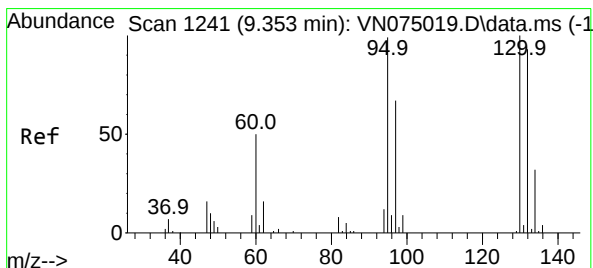
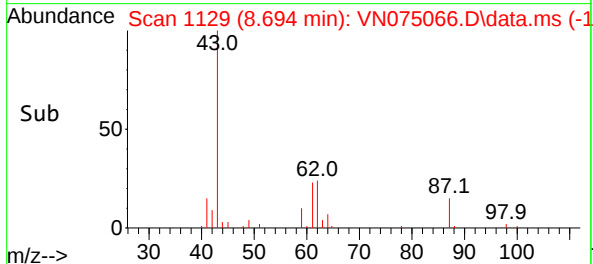
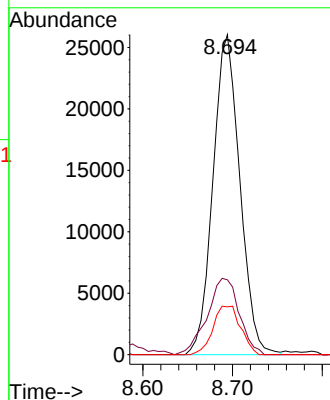
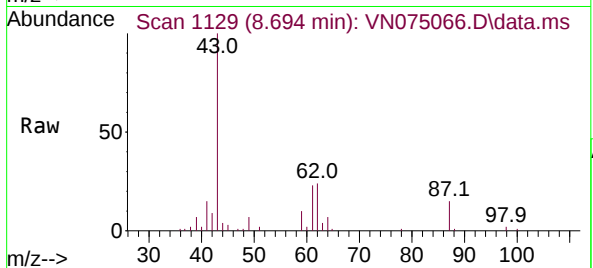
Tgt Ion: 43	Resp: 5411
Ion Ratio	Lower Upper
43	100
61	28.4 22.4 33.6
87	15.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 18.844 ug/l

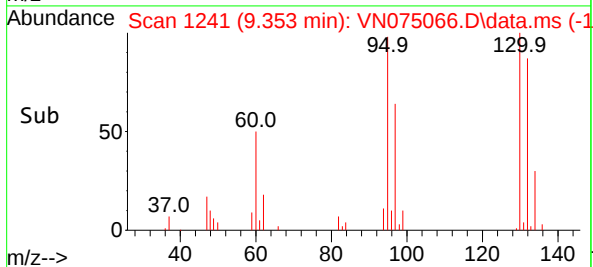
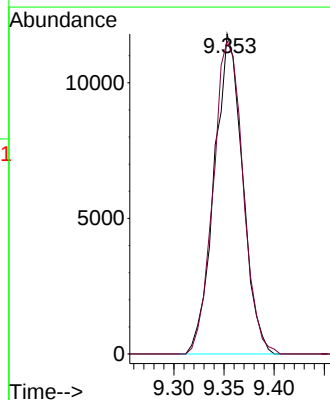
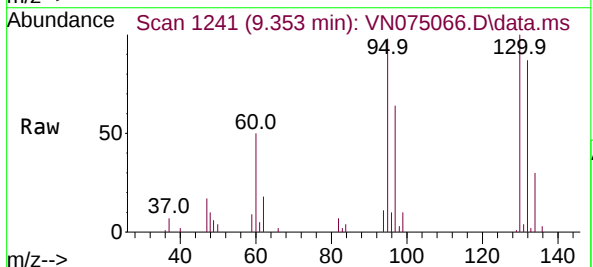
RT: 9.353 min Scan# 1241

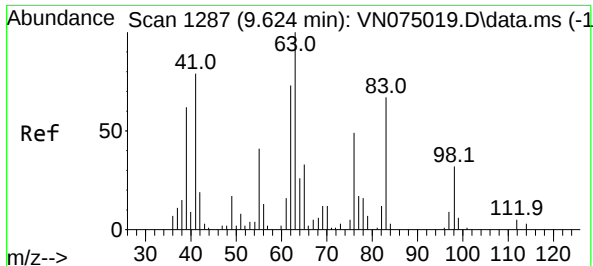
Delta R.T. 0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Tgt Ion:130	Resp: 23188
Ion Ratio	Lower Upper
130	100
95	97.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.579 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 63 Resp: 24020

Ion Ratio Lower Upper

63 100

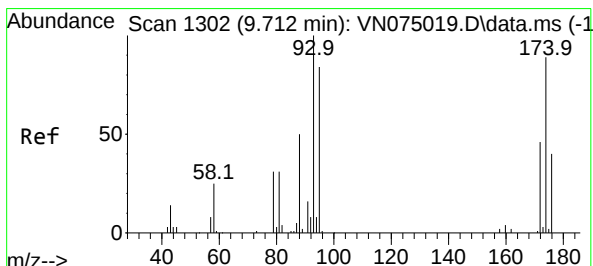
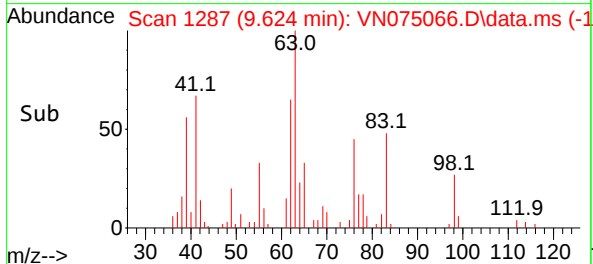
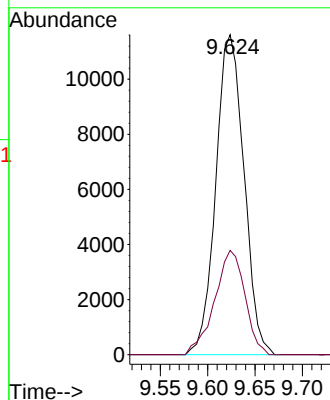
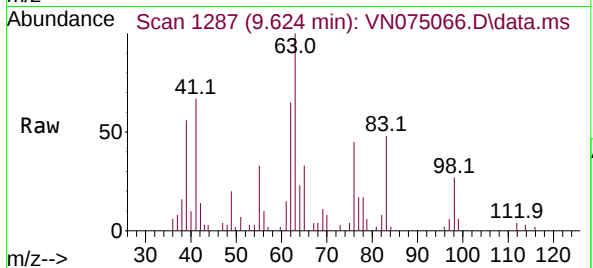
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 19.567 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

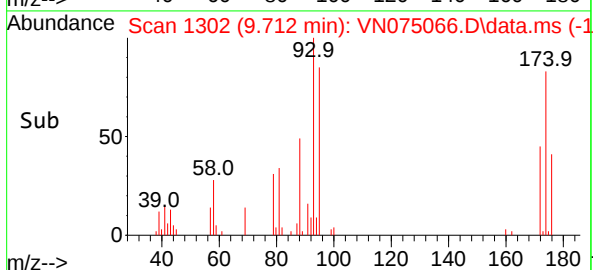
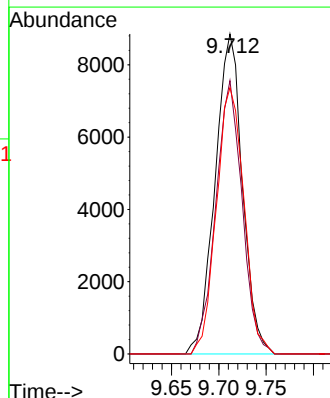
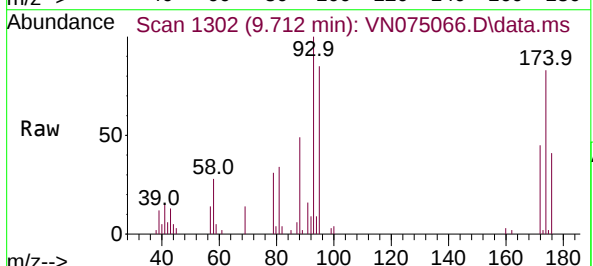
Tgt Ion: 93 Resp: 17793

Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 83.7 70.3 105.5





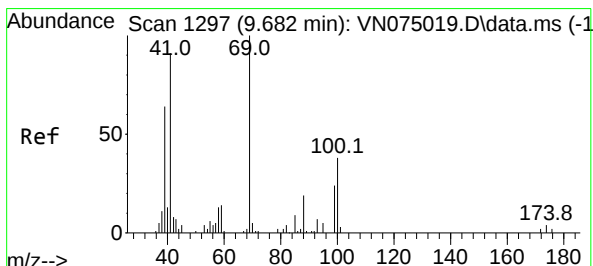
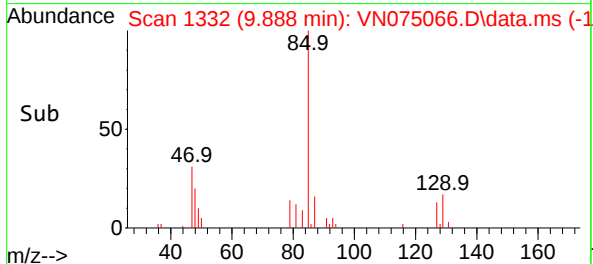
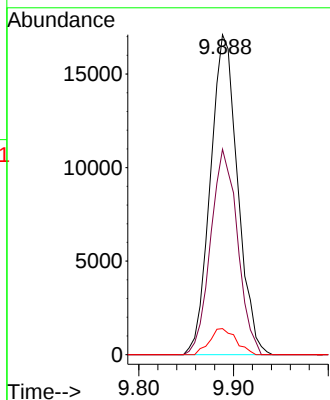
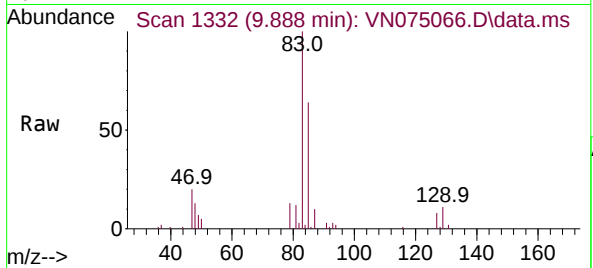
#47
Bromodichloromethane
Concen: 19.424 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 83 Resp: 3420
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 8.1 6.6 10.0

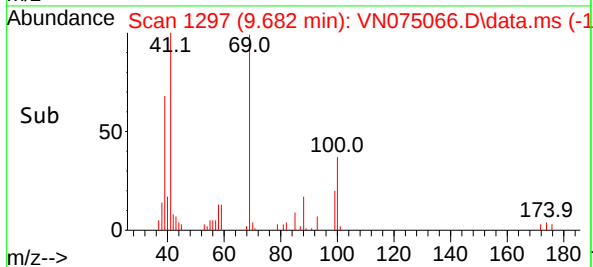
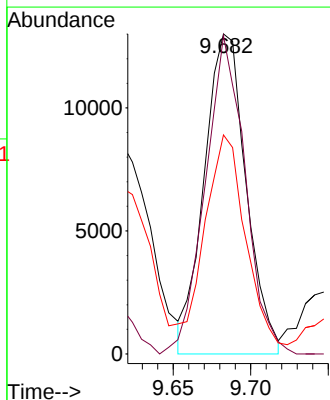
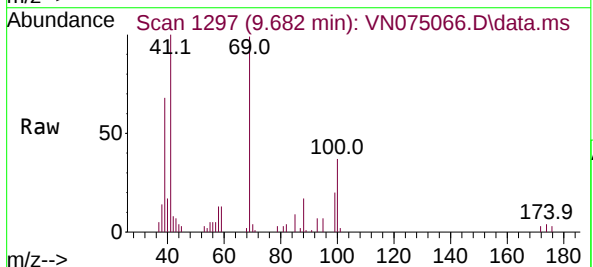
Manual Integrations
APPROVED

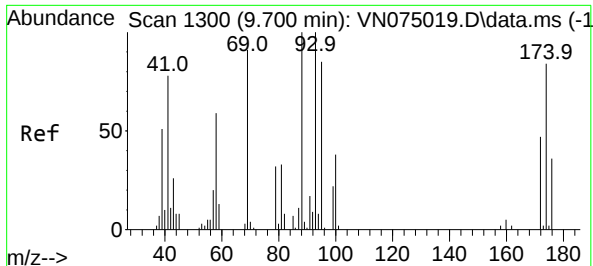
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 19.552 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 41 Resp: 24439
Ion Ratio Lower Upper
41 100
69 94.8 80.2 120.2
39 68.1 56.2 84.2





#49

1,4-Dioxane

Concen: 379.789 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 88 Resp: 1243

Ion Ratio Lower Upper

88 100

43 16.6 17.5 26.3

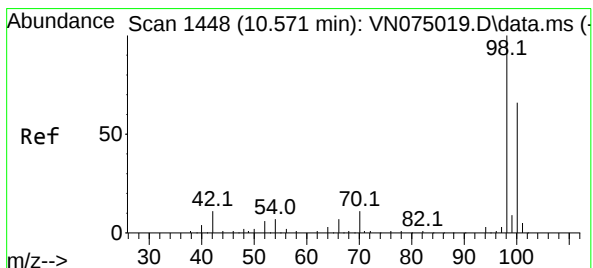
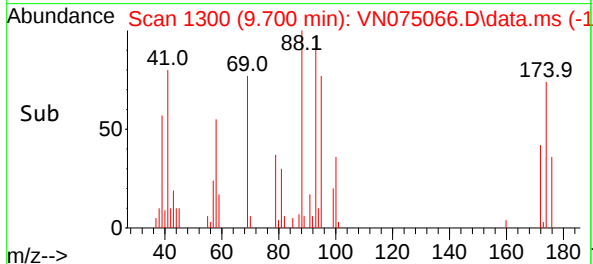
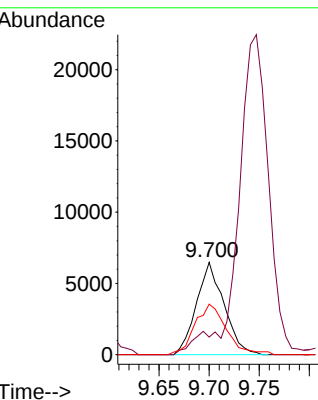
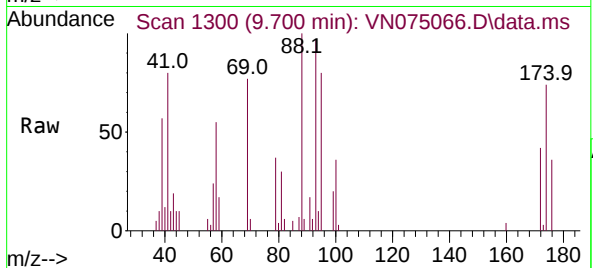
58 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 50.654 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075066.D

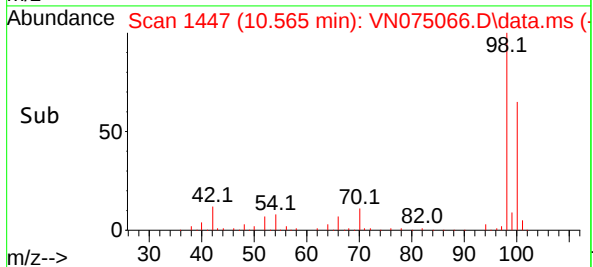
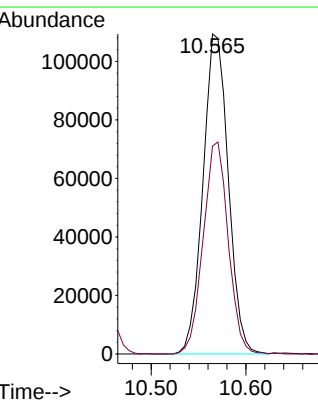
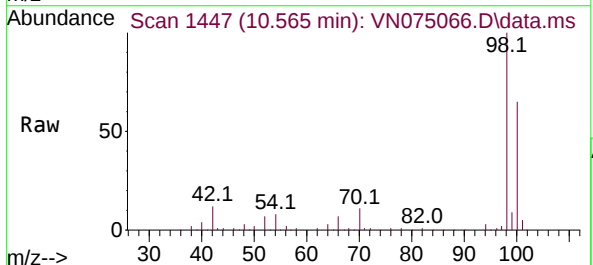
Acq: 28 Oct 2022 17:24

Tgt Ion: 98 Resp: 203335

Ion Ratio Lower Upper

98 100

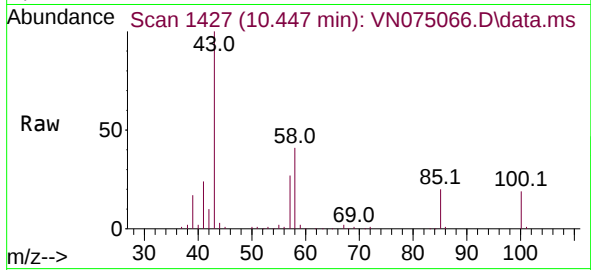
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 99.401 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

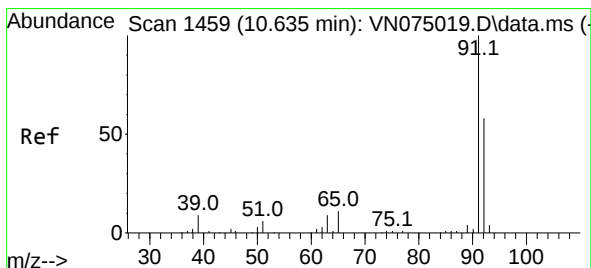
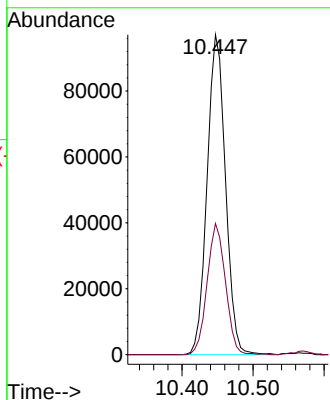
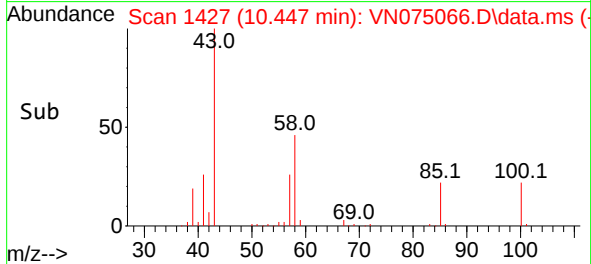
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 43 Resp: 174785
Ion Ratio Lower Upper
43 100
58 40.9 33.6 50.4

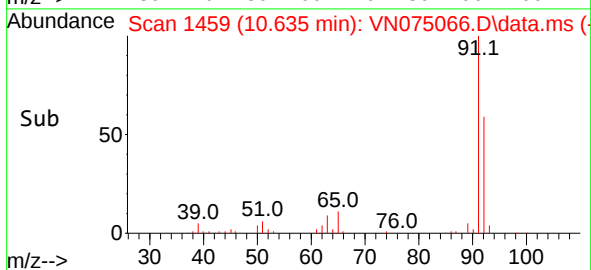
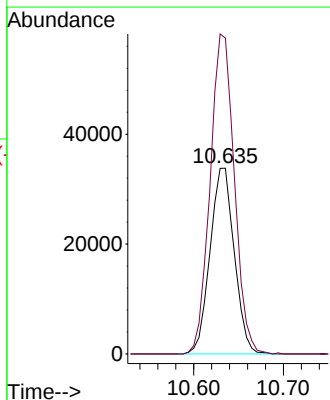
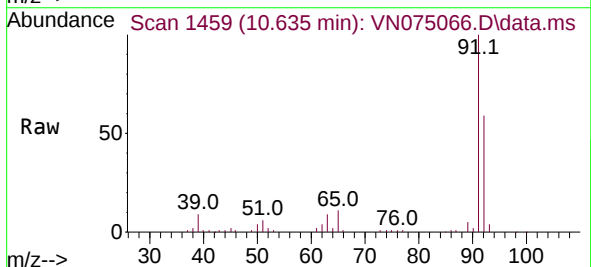
Manual Integrations
APPROVED

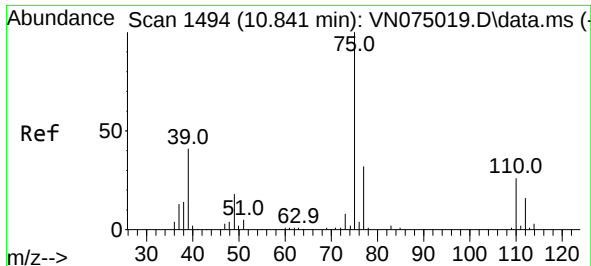
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 19.348 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

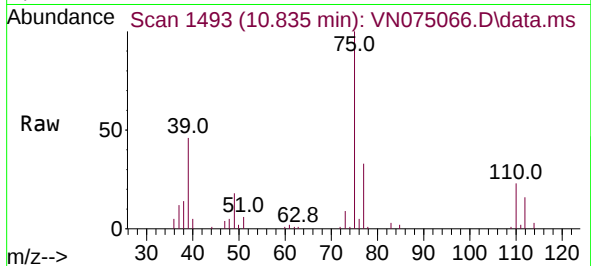
Tgt Ion: 92 Resp: 63433
Ion Ratio Lower Upper
92 100
91 172.3 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 19.146 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

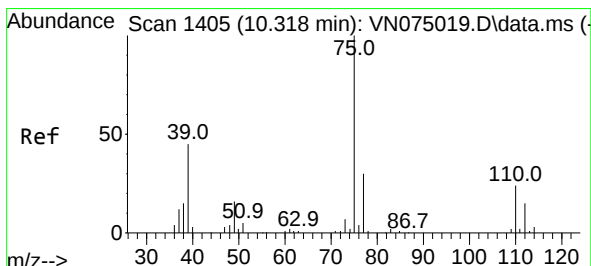
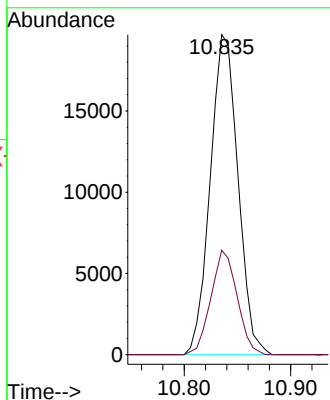
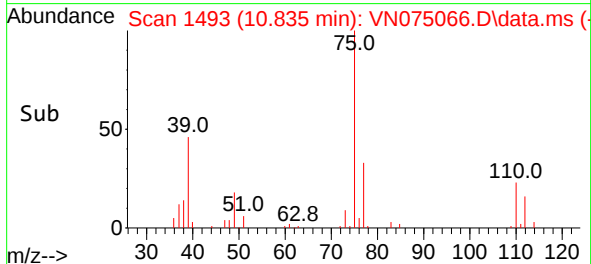
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



Tgt Ion: 75 Resp: 3558
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2

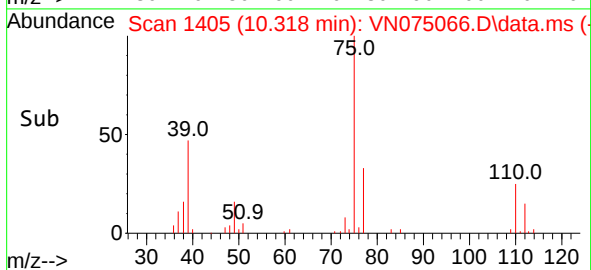
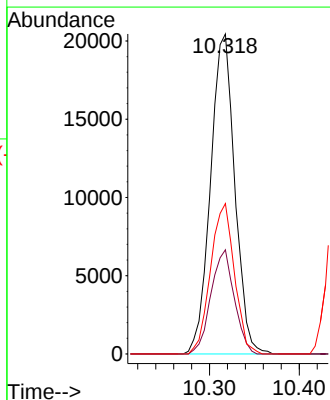
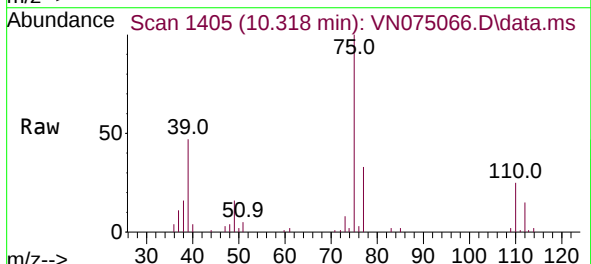
Manual Integrations
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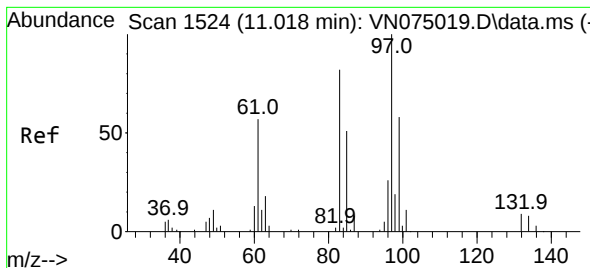
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.467 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

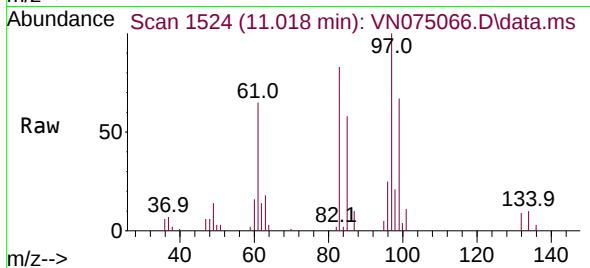
Tgt Ion: 75 Resp: 38378
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.7 35.5
 39 47.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.582 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

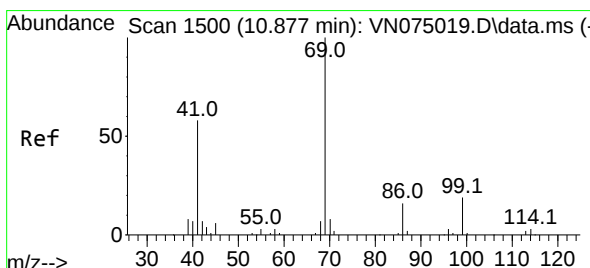
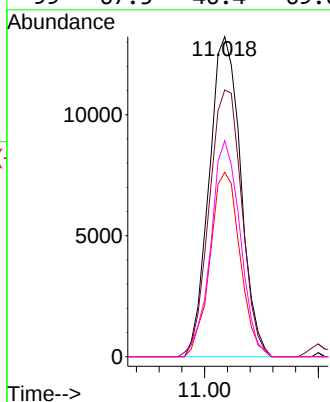
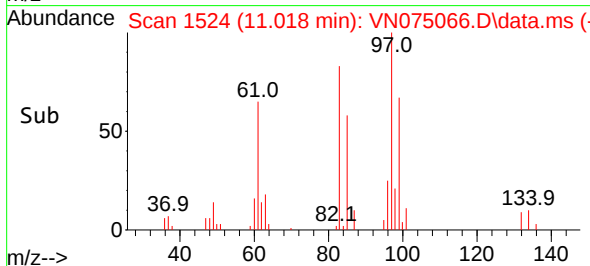
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.9	98.9
85	57.6	40.4	60.6
99	67.5	46.4	69.6

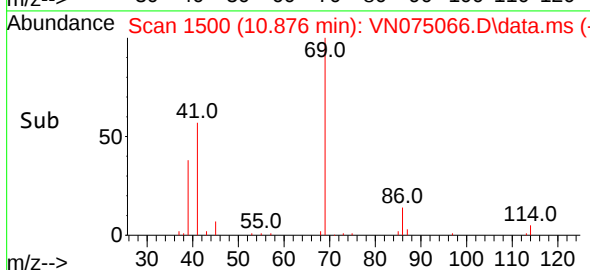
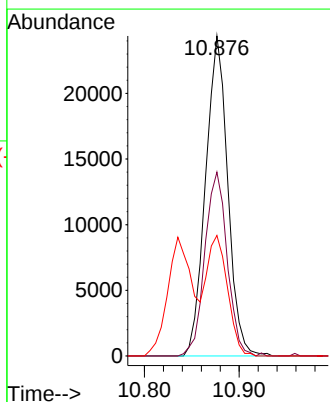
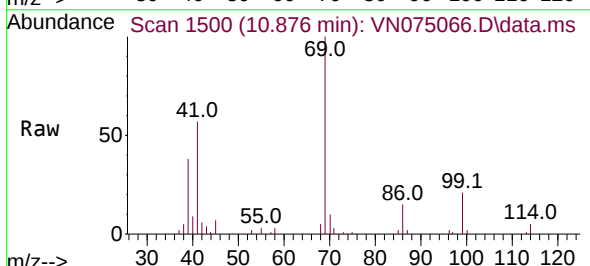
Manual Integrations
APPROVED

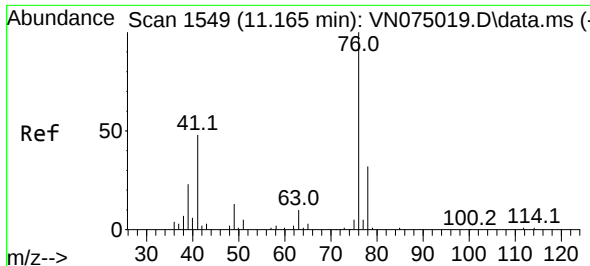
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 20.008 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.0	45.6	68.4
39	35.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.584 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 76 Resp: 4239

Ion Ratio Lower Upper

76 100

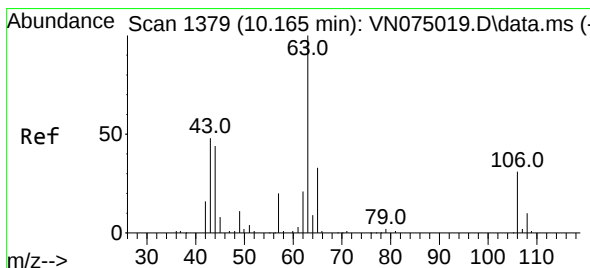
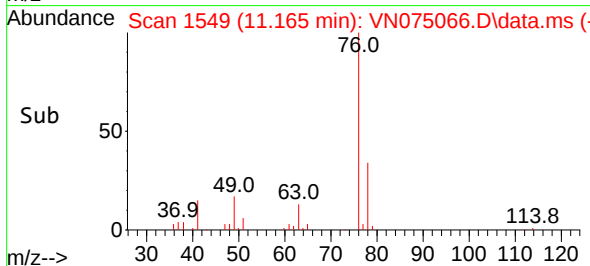
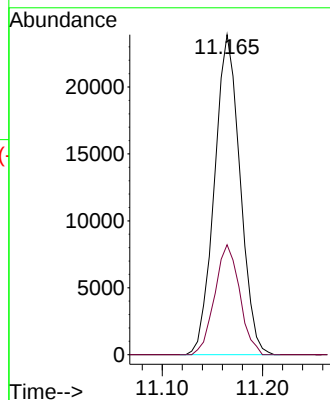
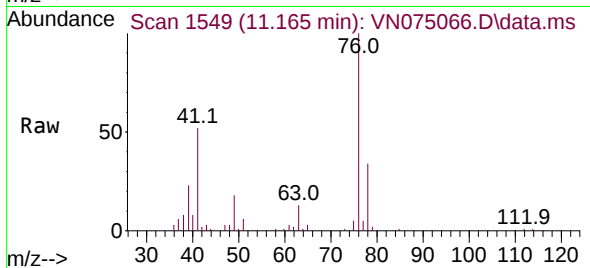
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 110.154 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075066.D

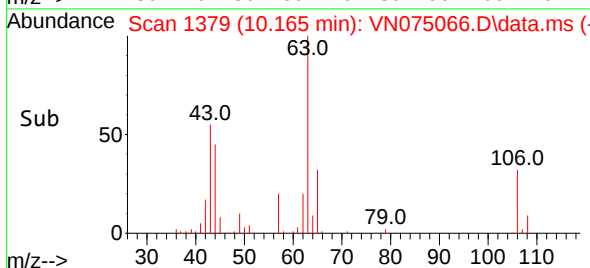
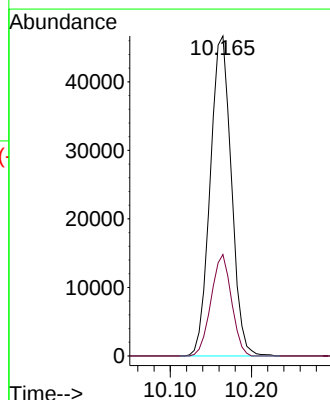
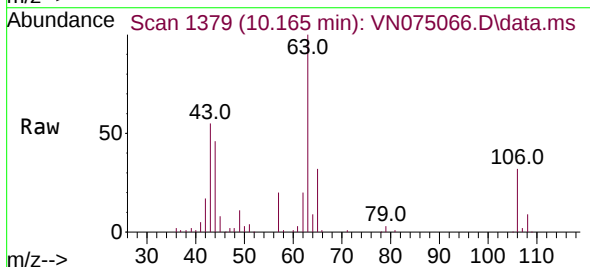
Acq: 28 Oct 2022 17:24

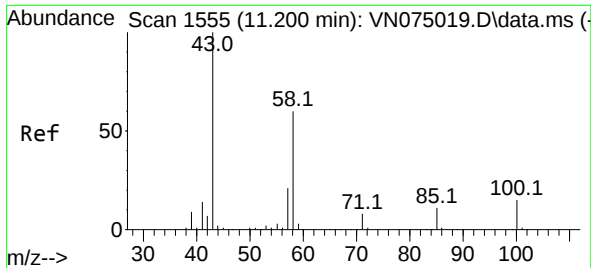
Tgt Ion: 63 Resp: 84445

Ion Ratio Lower Upper

63 100

106 30.6 24.8 37.2





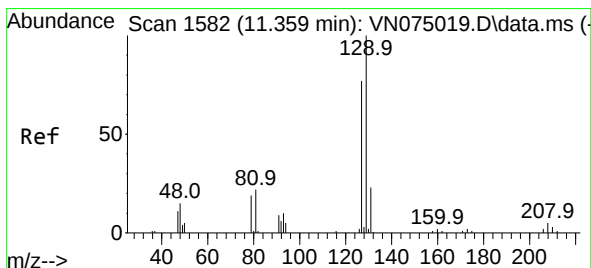
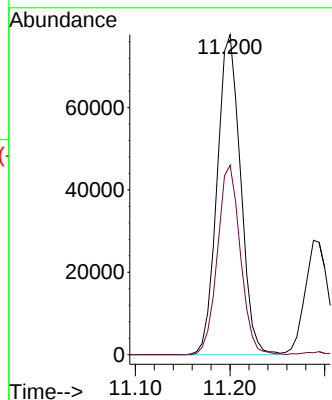
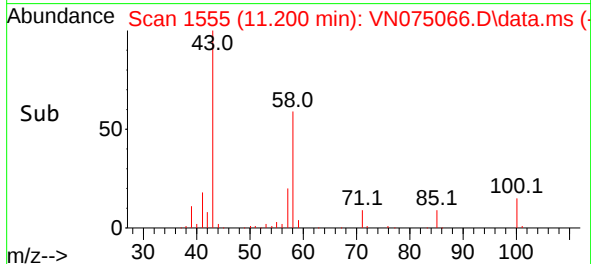
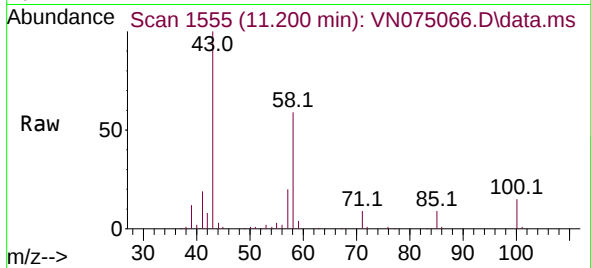
#59
2-Hexanone
Concen: 100.117 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 43 Resp: 13361
Ion Ratio Lower Upper
43 100
58 57.9 29.6 88.8

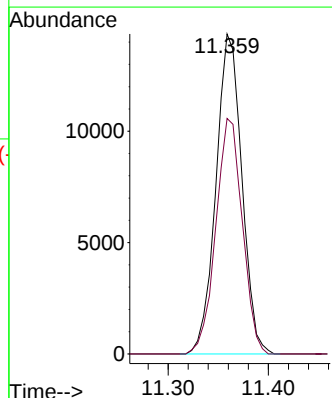
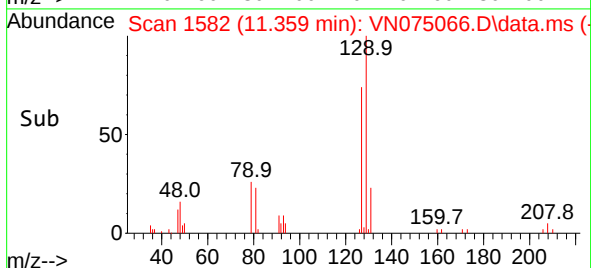
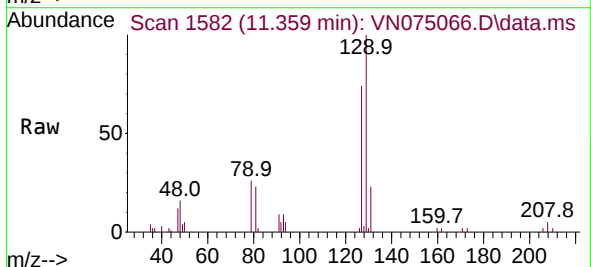
Manual Integrations
APPROVED

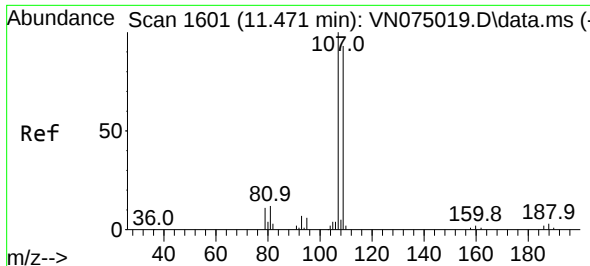
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 18.788 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

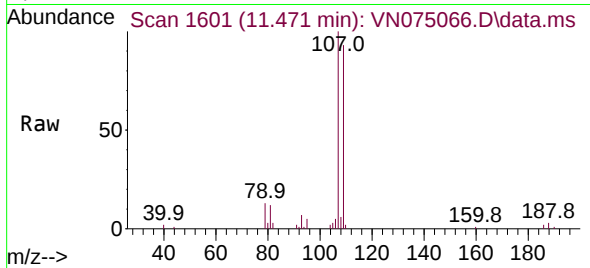
Tgt Ion:129 Resp: 25769
Ion Ratio Lower Upper
129 100
127 75.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.767 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

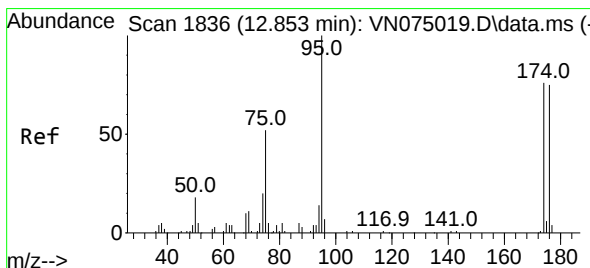
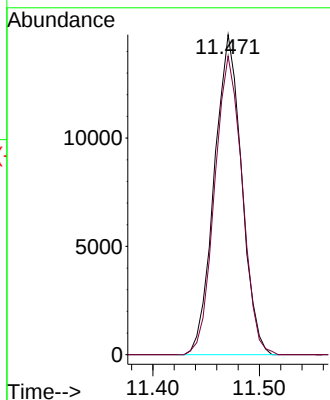
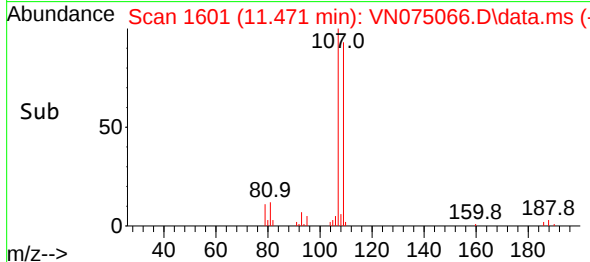
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:107 Resp: 26335
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

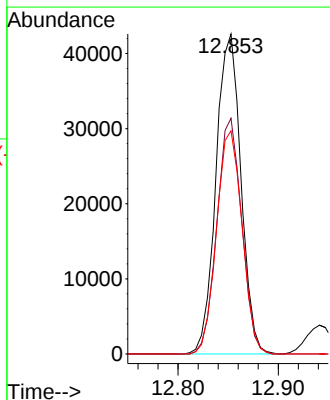
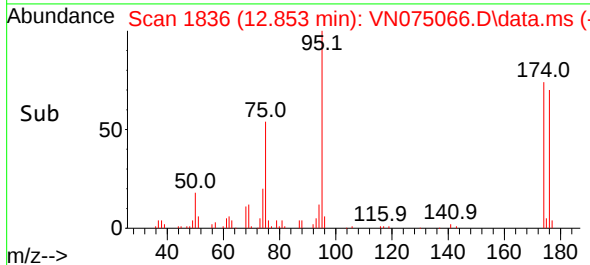
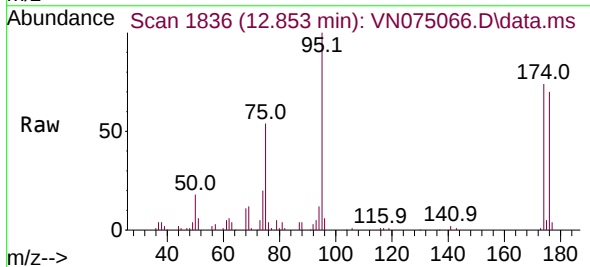
Manual Integrations
APPROVED

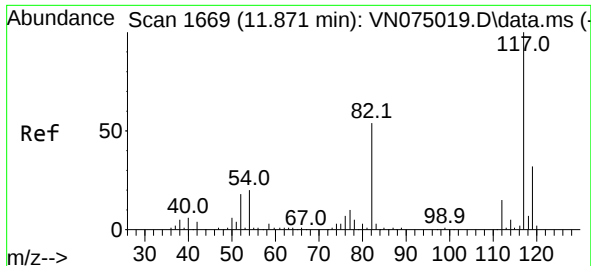
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 95 Resp: 73603
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 71.2 0.0 142.2





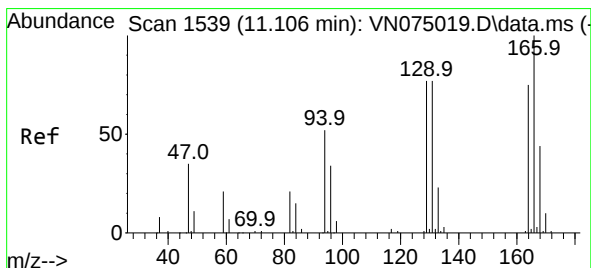
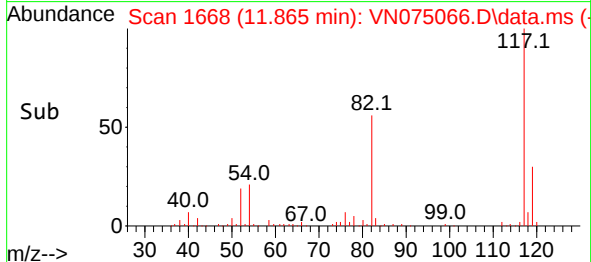
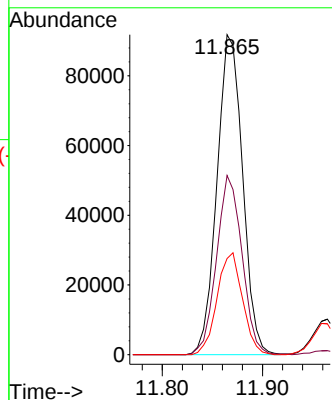
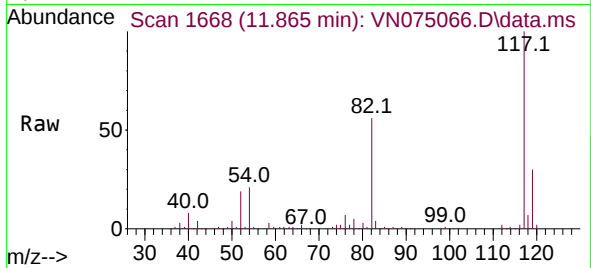
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:117 Resp: 16306
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 30.0 25.5 38.3

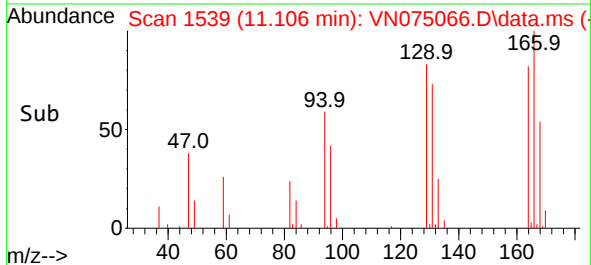
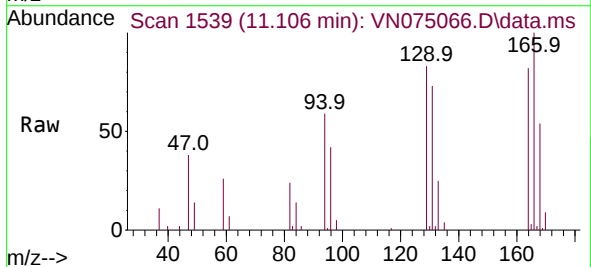
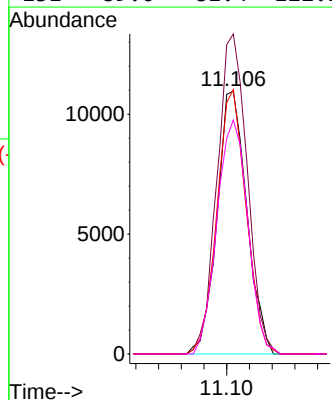
Manual Integrations
APPROVED

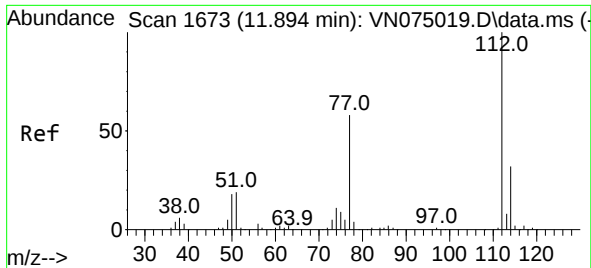
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 19.883 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

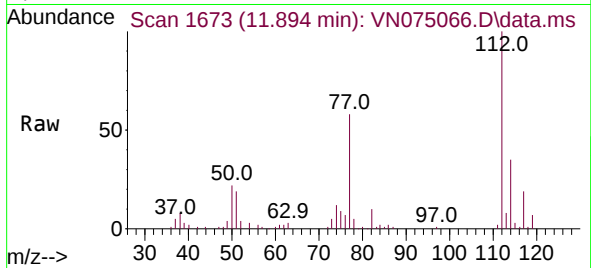
Tgt Ion:164 Resp: 19878
Ion Ratio Lower Upper
164 100
166 121.8 106.5 159.7
129 100.7 81.9 122.9
131 89.0 81.4 122.2





#65
Chlorobenzene
Concen: 19.037 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

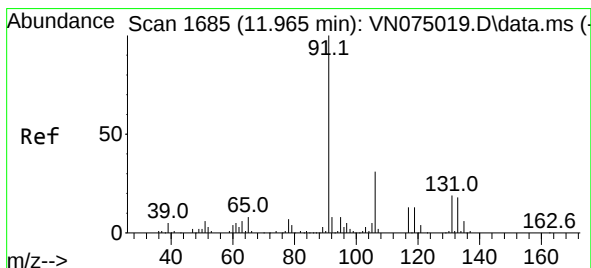
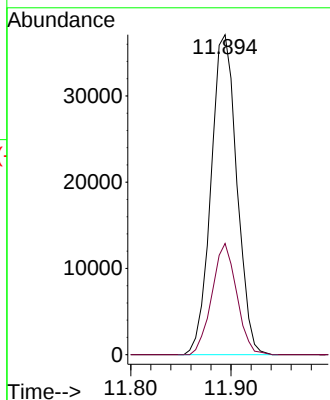
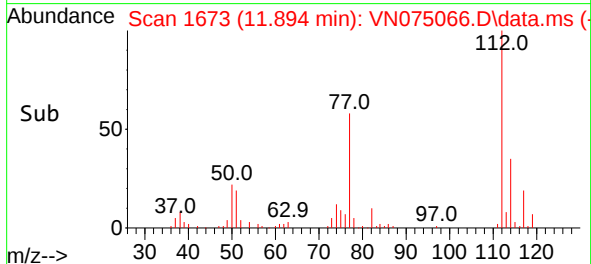
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:112 Resp: 66264
Ion Ratio Lower Upper
112 100
114 34.8 25.4 38.2

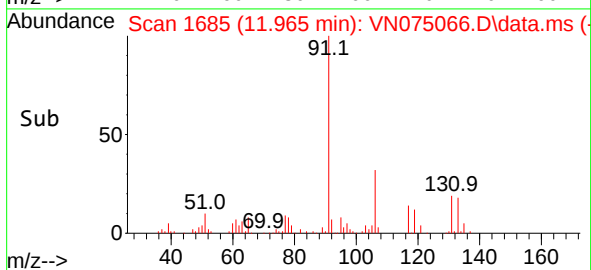
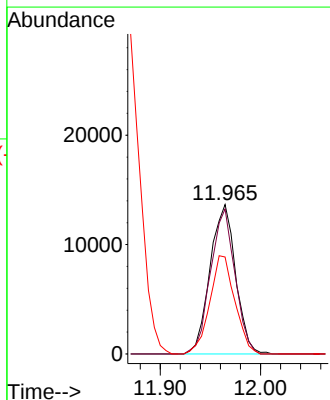
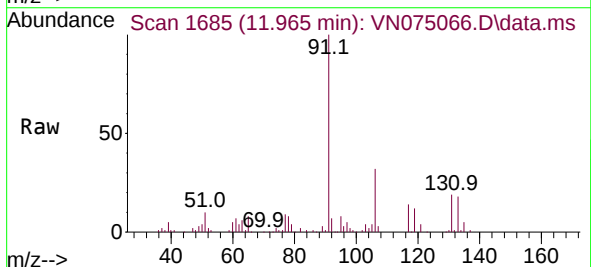
Manual Integrations
APPROVED

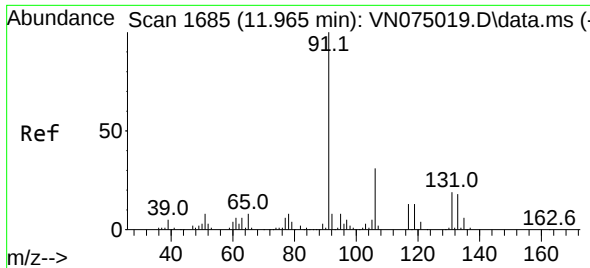
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.724 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

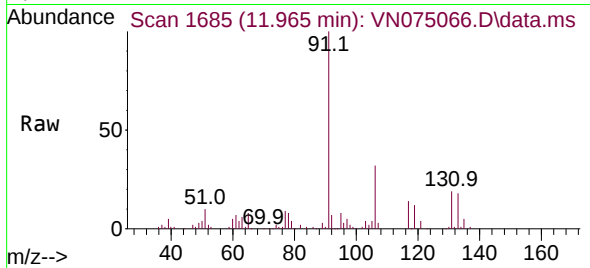
Tgt Ion:131 Resp: 24177
Ion Ratio Lower Upper
131 100
133 92.9 47.8 143.4
119 64.5 33.0 99.0





#67
Ethyl Benzene
Concen: 19.546 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

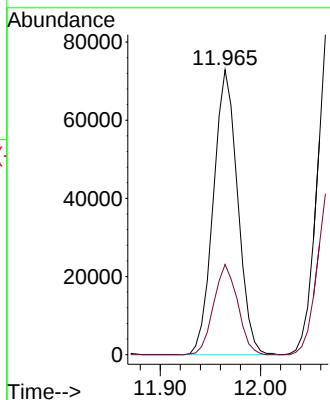
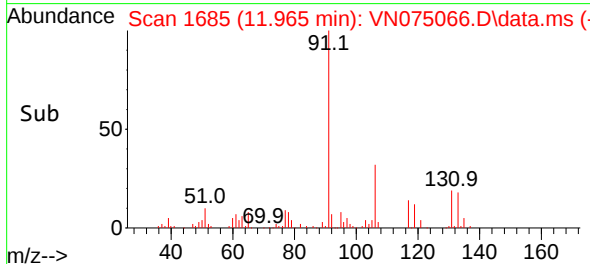
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



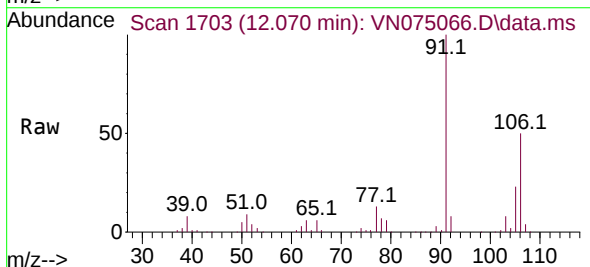
Tgt Ion: 91 Resp: 12240
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

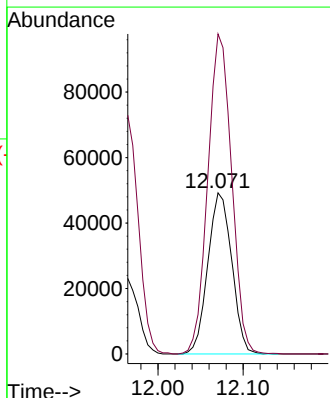
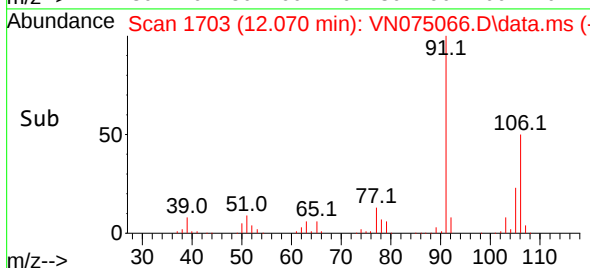
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

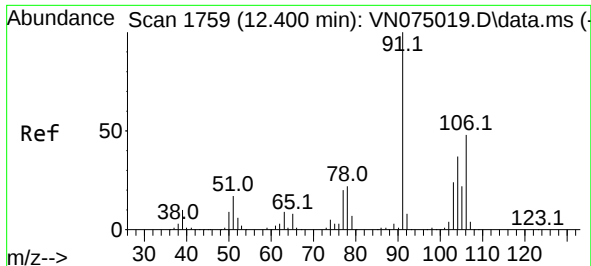


#68
m/p-Xylenes
Concen: 38.308 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



Tgt Ion:106 Resp: 96257
Ion Ratio Lower Upper
106 100
91 197.8 156.0 234.0





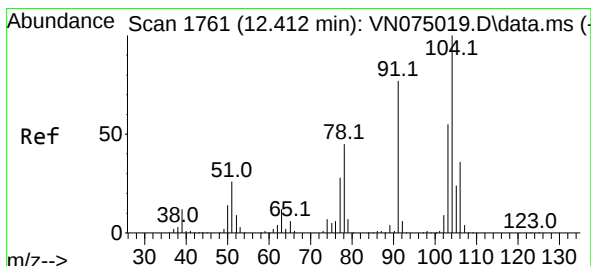
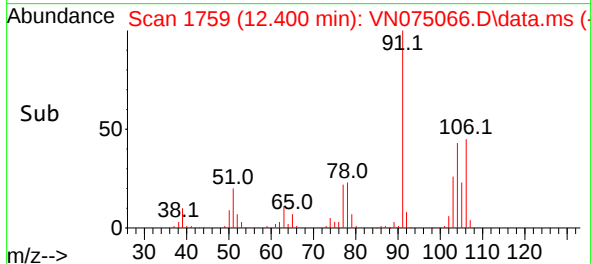
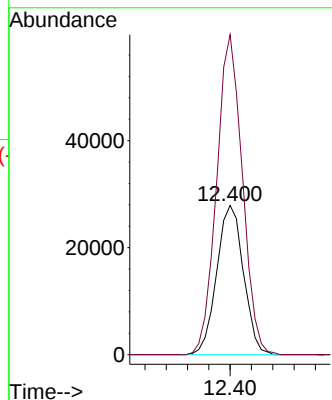
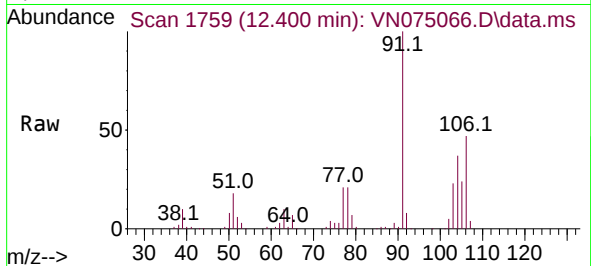
#69
o-Xylene
Concen: 19.544 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:106 Resp: 4856
Ion Ratio Lower Upper
106 100
91 206.4 105.2 315.5

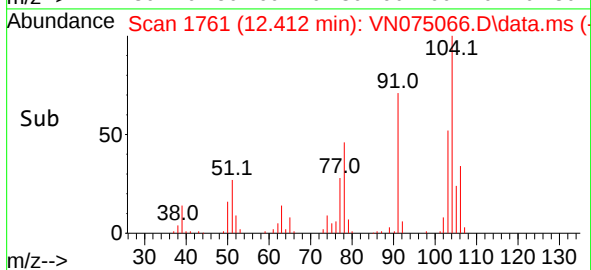
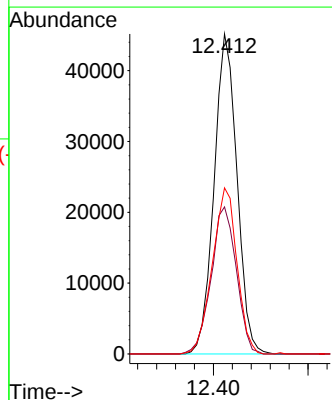
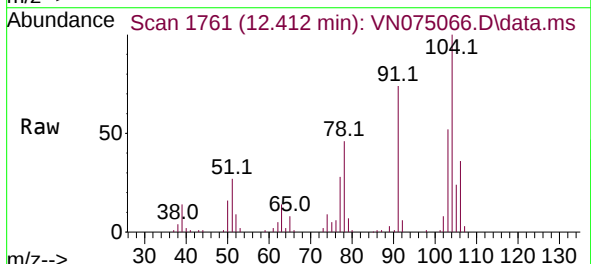
Manual Integrations
APPROVED

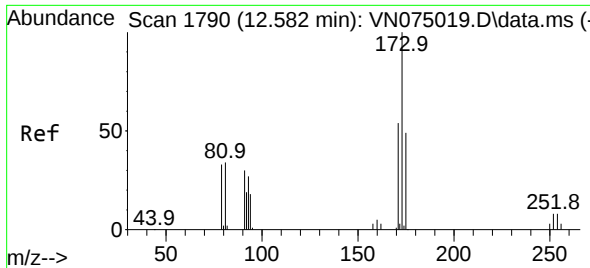
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.133 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

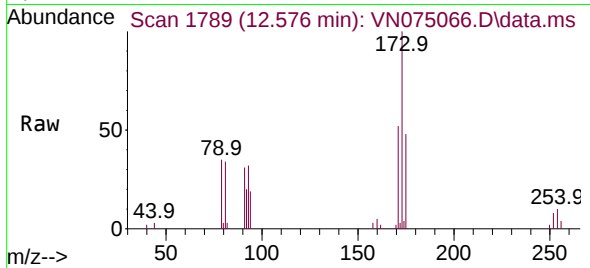
Tgt Ion:104 Resp: 75810
Ion Ratio Lower Upper
104 100
78 50.6 38.1 57.1
103 55.8 44.6 66.8





#71
Bromoform
Concen: 17.298 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

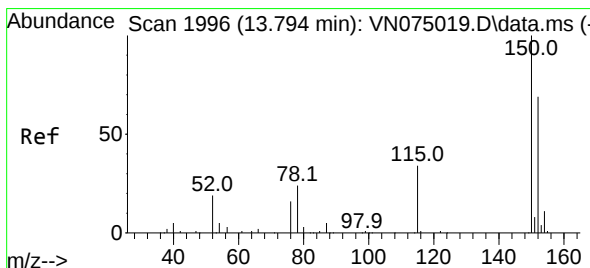
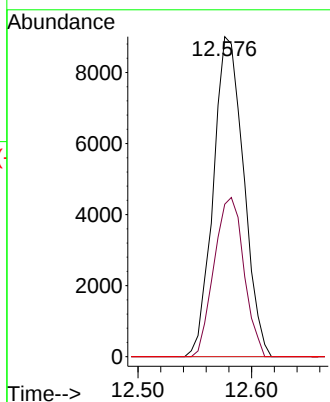
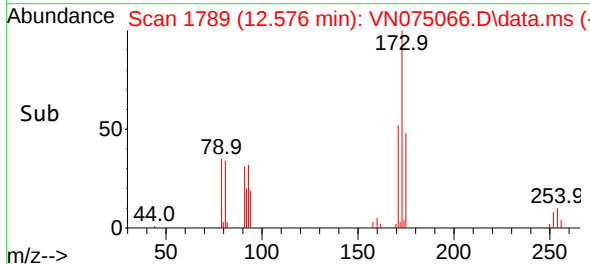
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



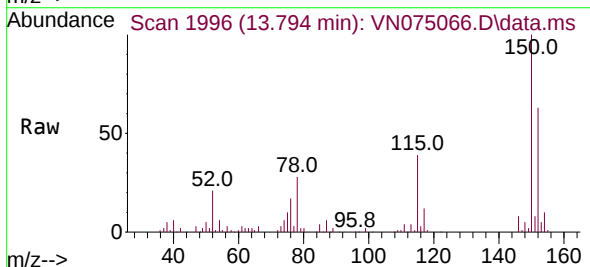
Tgt Ion:173 Resp: 1672
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

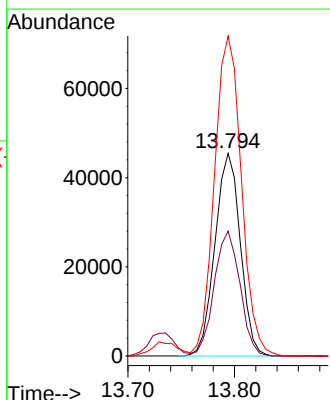
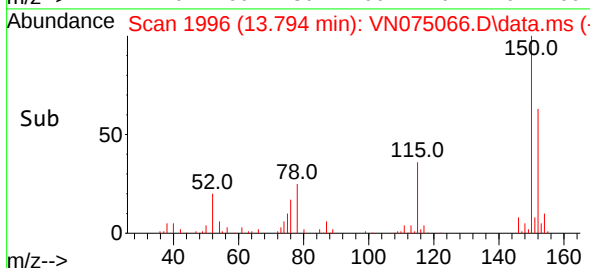
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

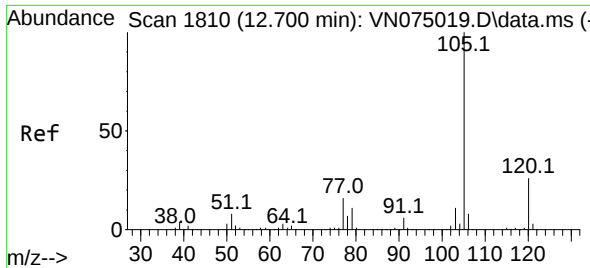


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



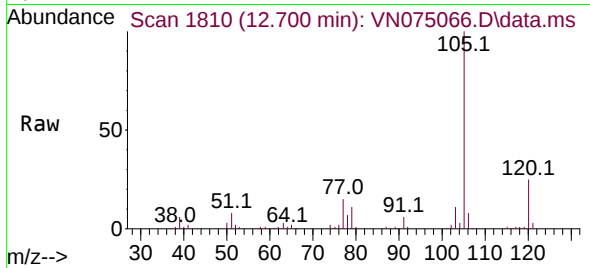
Tgt Ion:152 Resp: 75075
Ion Ratio Lower Upper
152 100
115 62.5 30.2 90.6
150 167.6 0.0 348.4





#73
Isopropylbenzene
Concen: 20.787 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

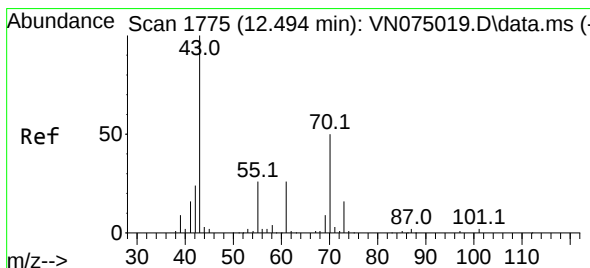
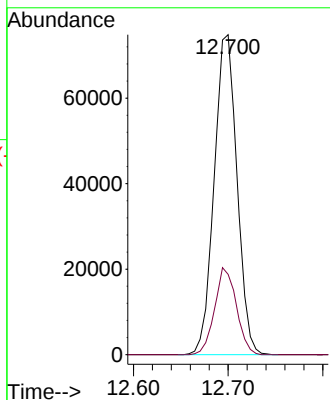
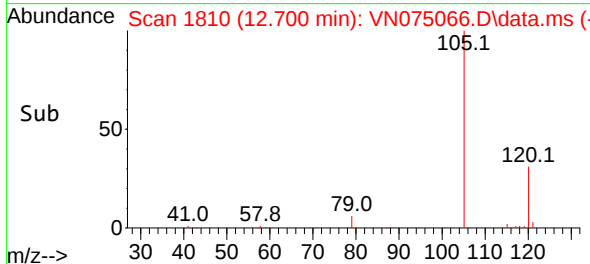
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



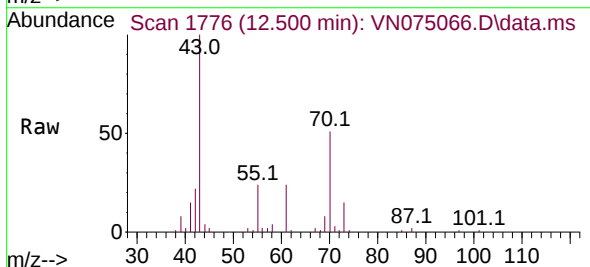
Tgt Ion:105 Resp: 125280
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
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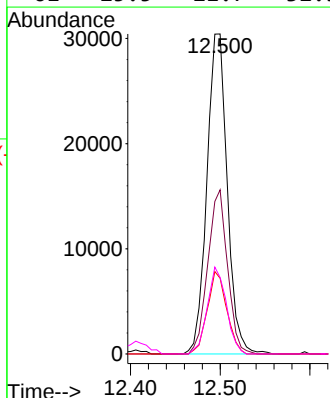
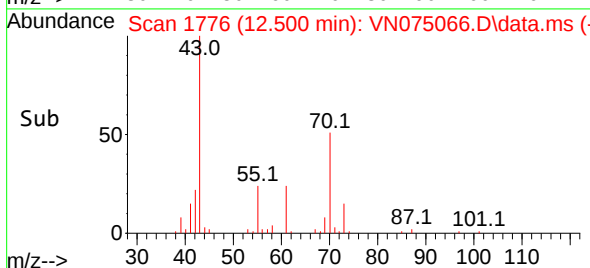
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

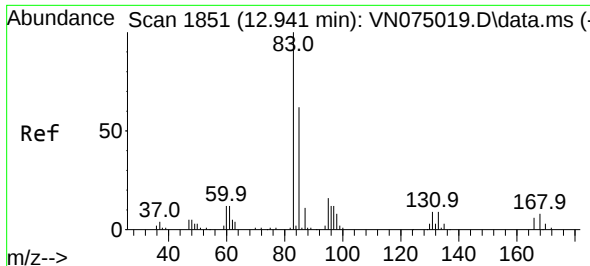


#74
N-ethyl acetate
Concen: 21.519 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



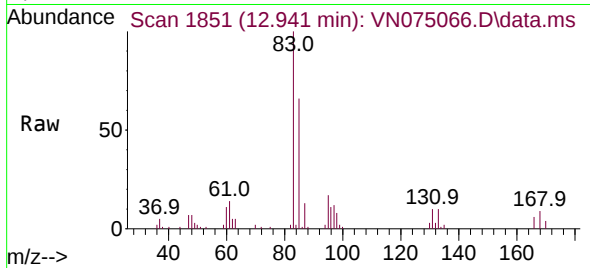
Tgt Ion: 43 Resp: 47970
Ion Ratio Lower Upper
43 100
70 49.6 39.8 59.8
55 24.6 19.9 29.9
61 25.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.688 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

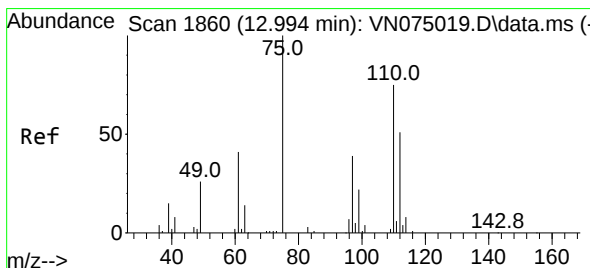
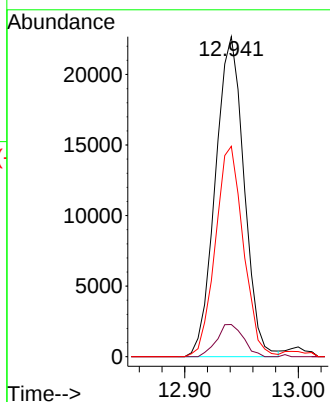
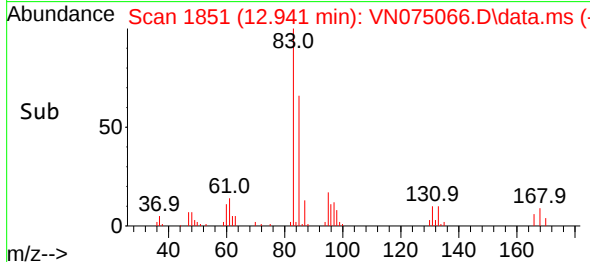
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



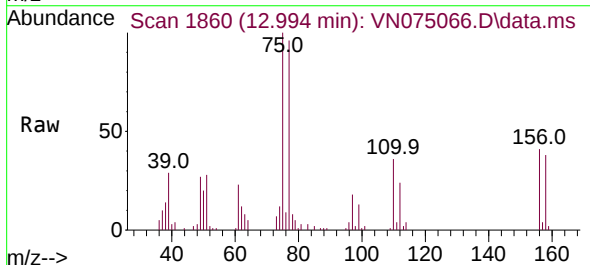
Tgt Ion: 83 Resp: 39860
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 64.1 31.6 94.7

Manual Integrations
APPROVED

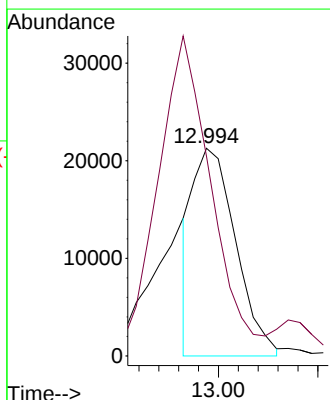
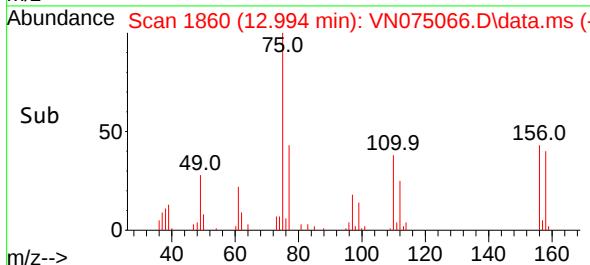
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

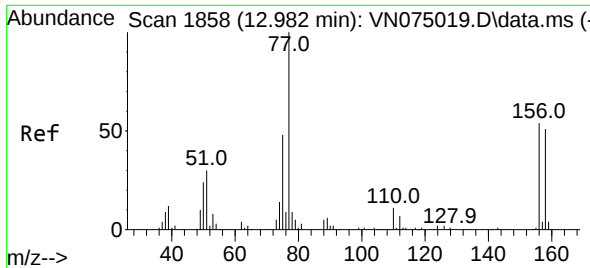


#76
1,2,3-Trichloropropane
Concen: 19.957 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



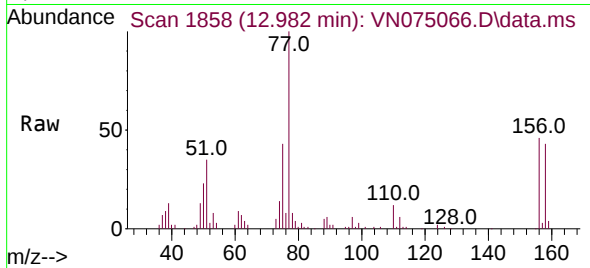
Tgt Ion: 75 Resp: 31812
Ion Ratio Lower Upper
75 100
77 193.1 75.6 226.8





#77
Bromobenzene
Concen: 20.686 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

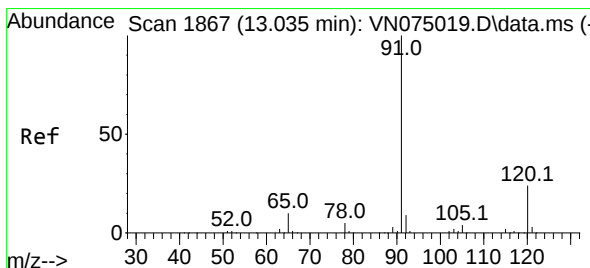
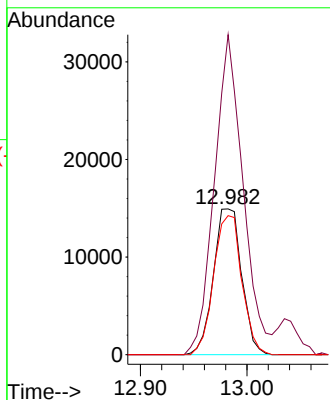
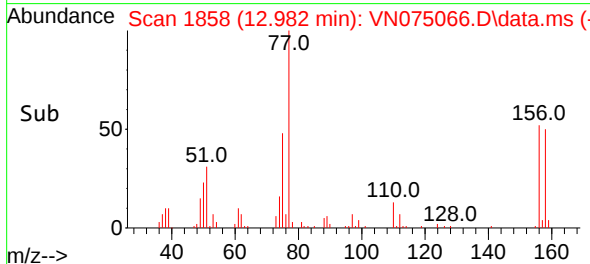
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



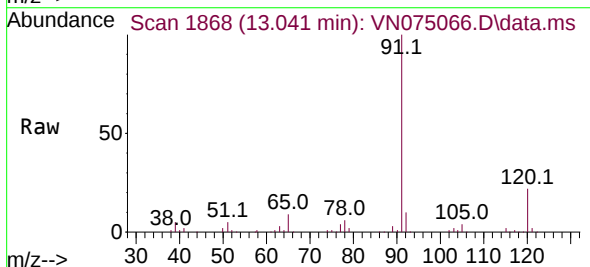
Tgt Ion:156 Resp: 27452
Ion Ratio Lower Upper
156 100
77 223.8 108.5 325.5
158 95.4 47.7 143.1

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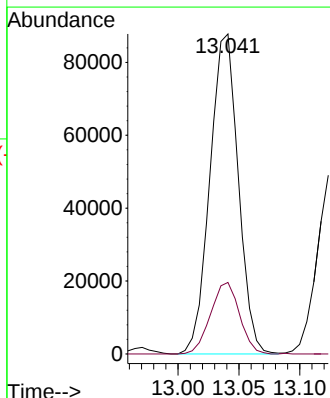
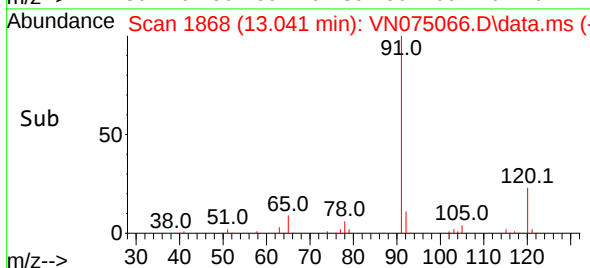
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

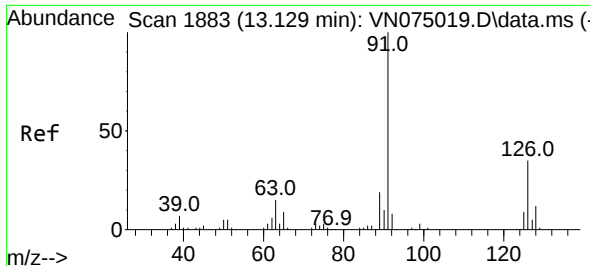


#78
n-propylbenzene
Concen: 21.073 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



Tgt Ion: 91 Resp: 142599
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





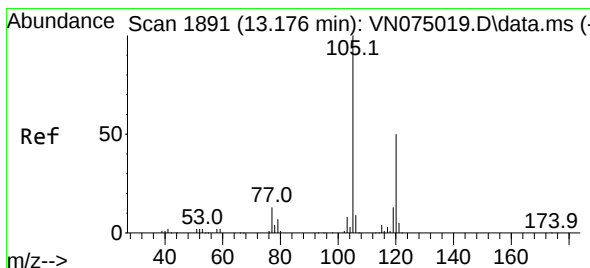
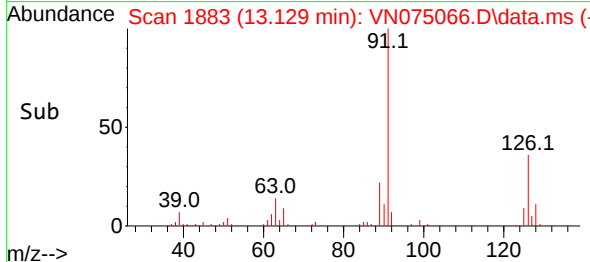
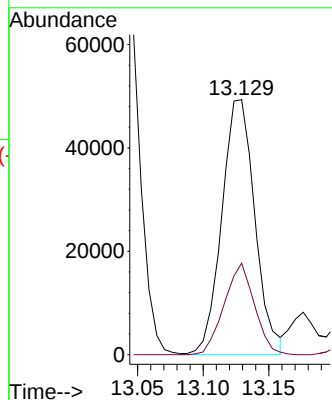
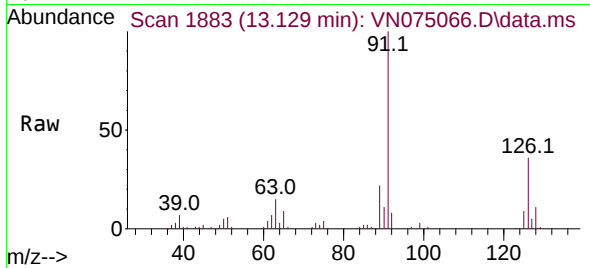
#79
2-Chlorotoluene
Concen: 20.976 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 91 Resp: 86738
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7

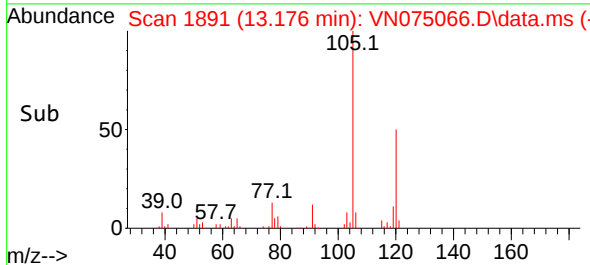
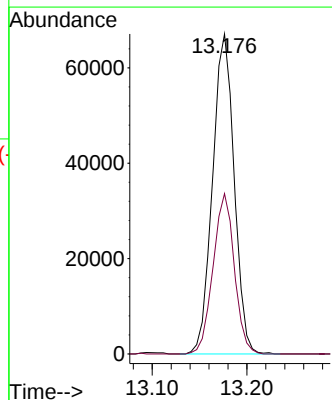
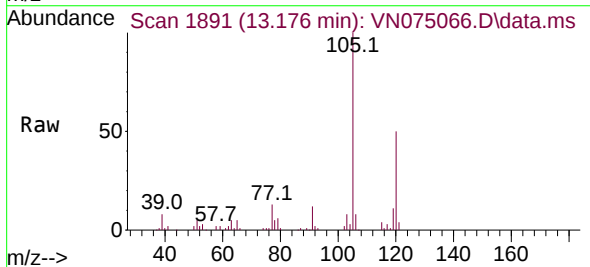
Manual Integrations
APPROVED

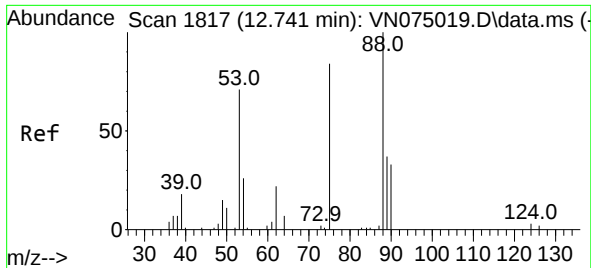
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.007 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

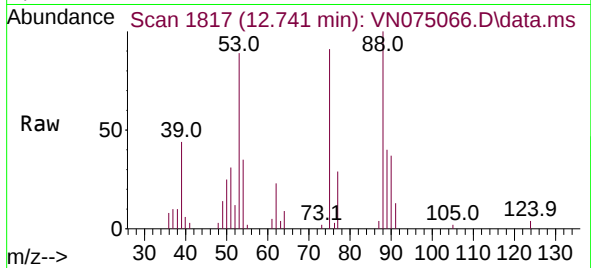
Tgt Ion:105 Resp: 106343
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.191 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

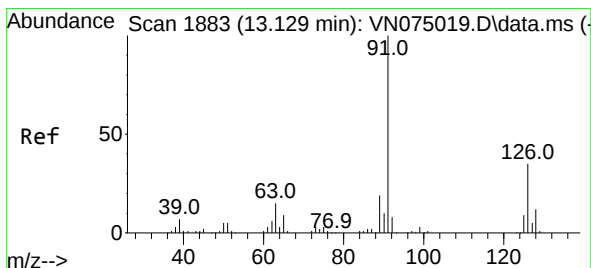
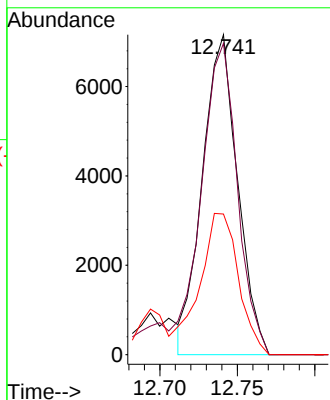
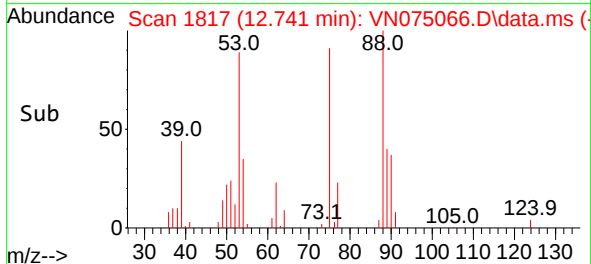
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



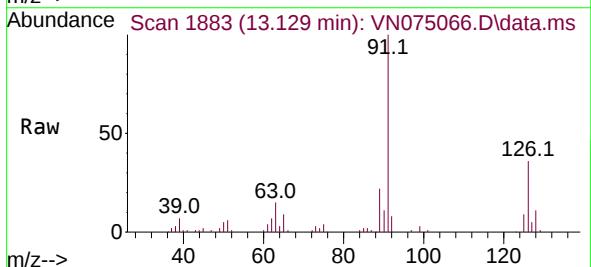
Tgt Ion: 75 Resp: 11290
Ion Ratio Lower Upper
75 100
53 109.4 78.5 117.7
89 49.1 37.7 56.5

Manual Integrations
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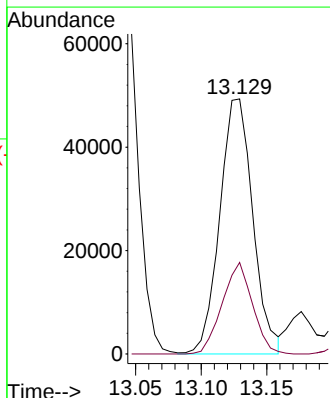
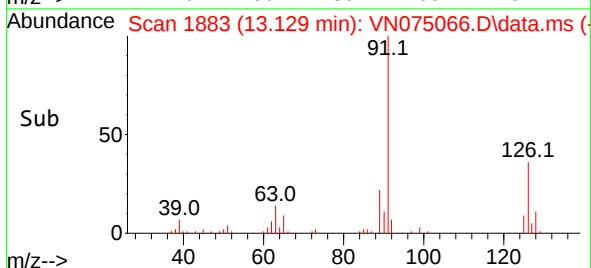
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

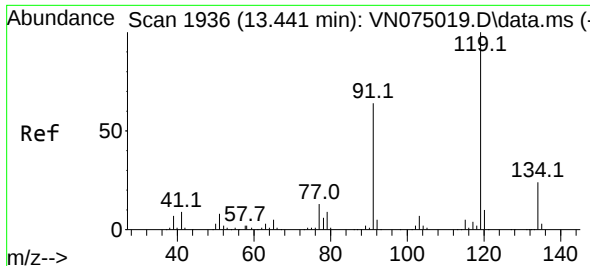


#82
4-Chlorotoluene
Concen: 20.976 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



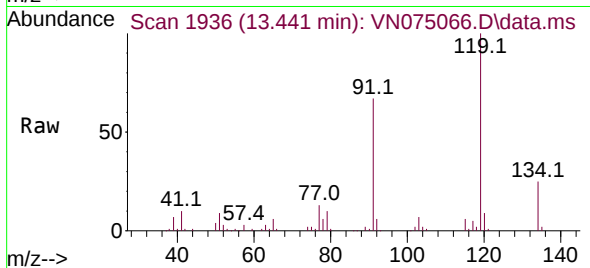
Tgt Ion: 91 Resp: 86735
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.869 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

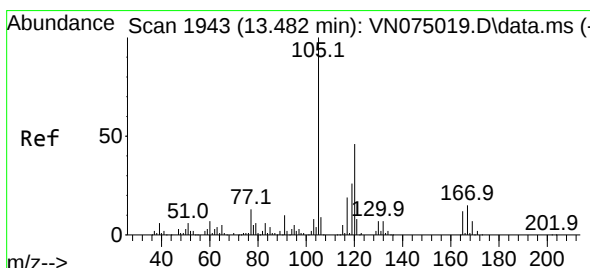
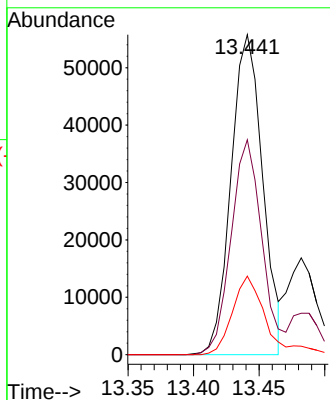
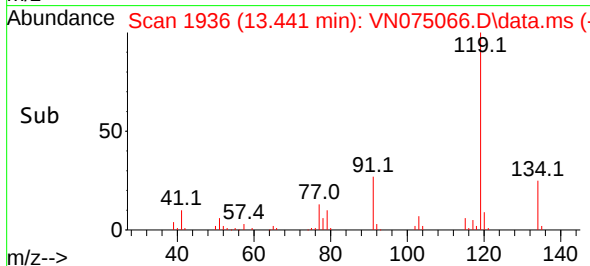
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



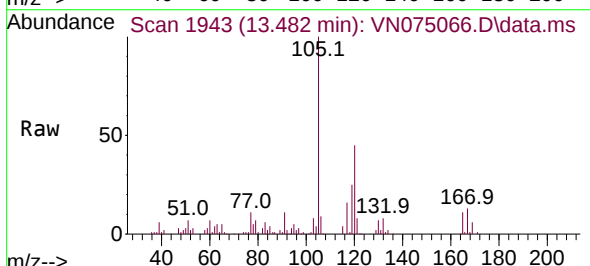
Tgt Ion:119 Resp: 9387
Ion Ratio Lower Upper
119 100
91 65.9 32.8 98.4
134 25.8 12.3 36.9

Manual Integrations
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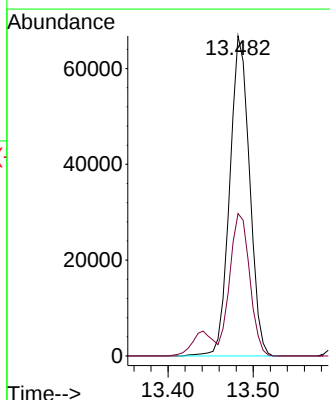
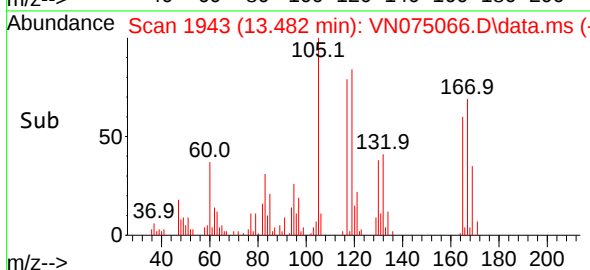
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

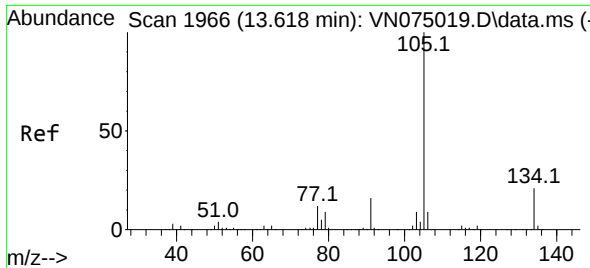


#84
1,2,4-Trimethylbenzene
Concen: 21.068 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24



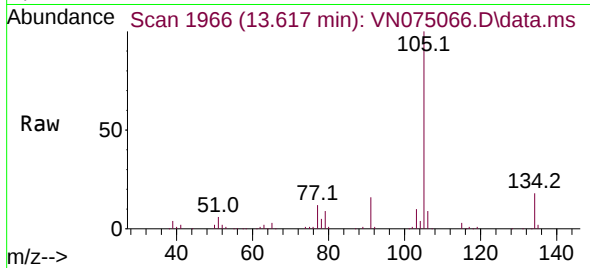
Tgt Ion:105 Resp: 107908
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.962 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24

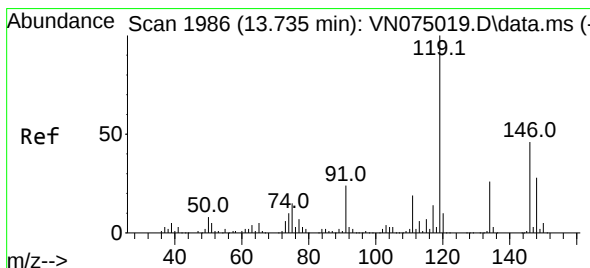
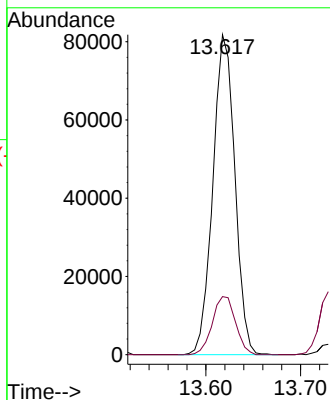
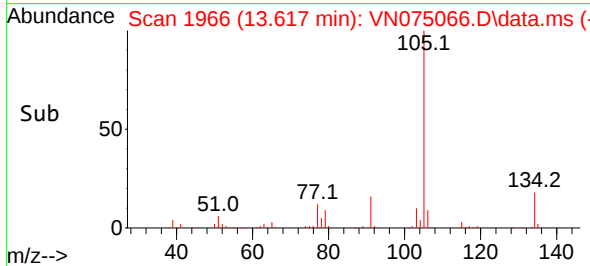
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



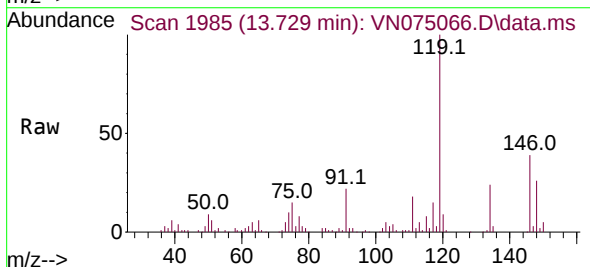
Tgt Ion:105 Resp: 131900
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.6

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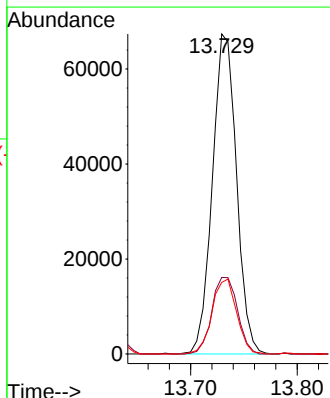
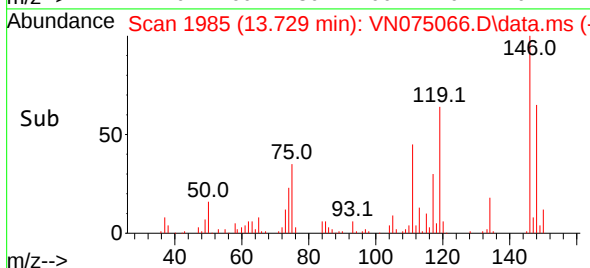
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

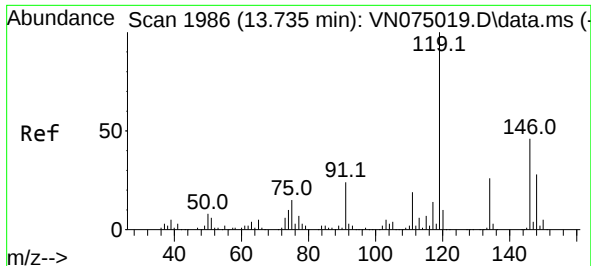


#86
 p-Isopropyltoluene
 Concen: 20.391 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075066.D
 Acq: 28 Oct 2022 17:24



Tgt Ion:119 Resp: 105968
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.928 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

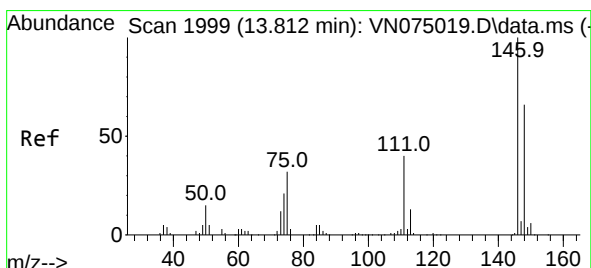
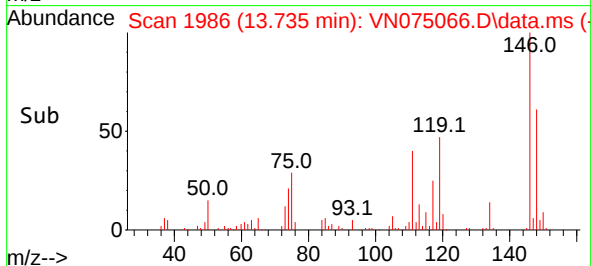
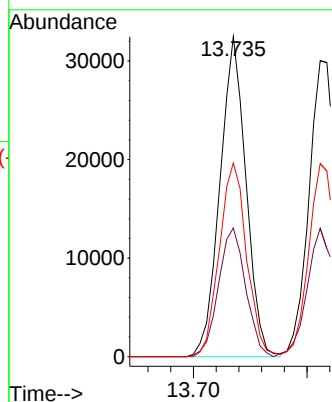
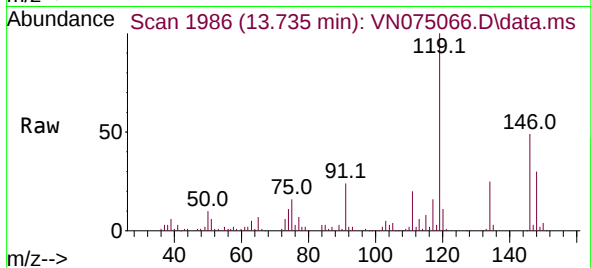
Tgt Ion:146 Resp: 51780
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 63.3 31.1 93.5

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.748 ug/l

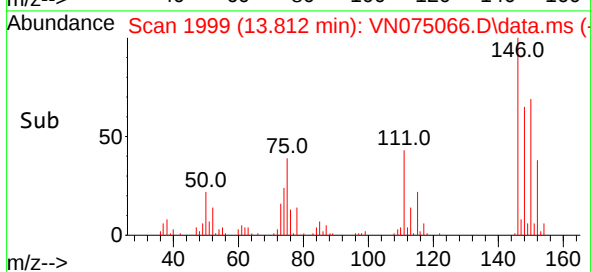
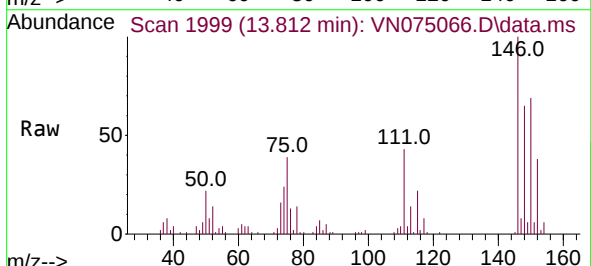
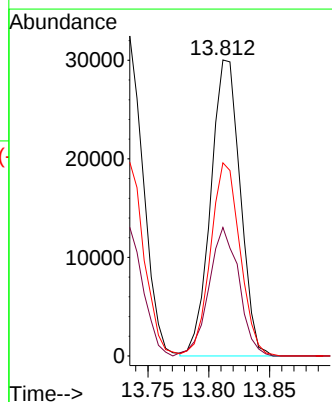
RT: 13.812 min Scan# 1999

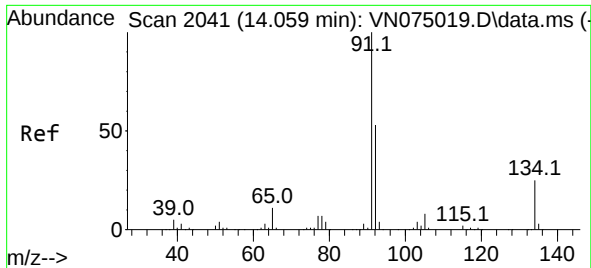
Delta R.T. -0.000 min

Lab File: VN075066.D

Acq: 28 Oct 2022 17:24

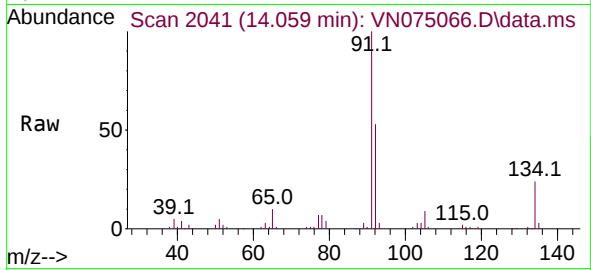
Tgt Ion:146 Resp: 50783
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.1 60.3
 148 65.3 31.9 95.7





#89
n-Butylbenzene
Concen: 20.363 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

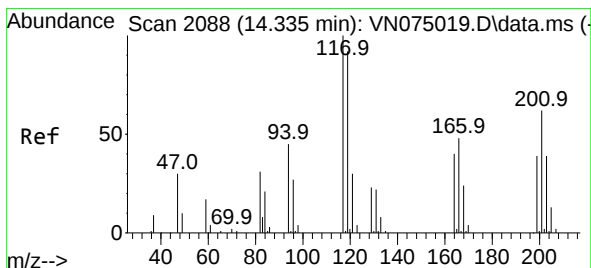
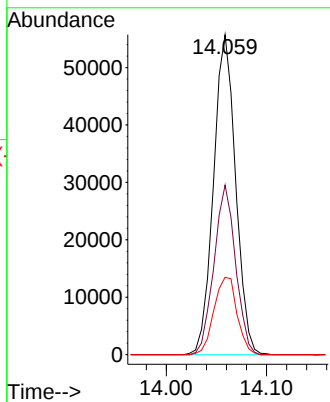
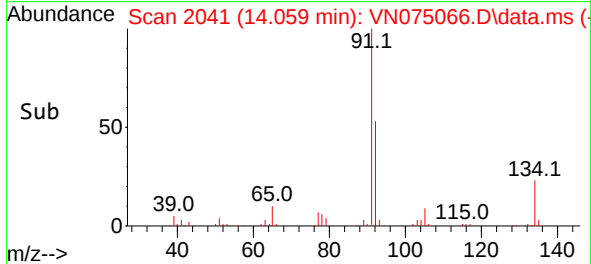
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 91 Resp: 85219
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.4
134 25.3 13.0 39.0

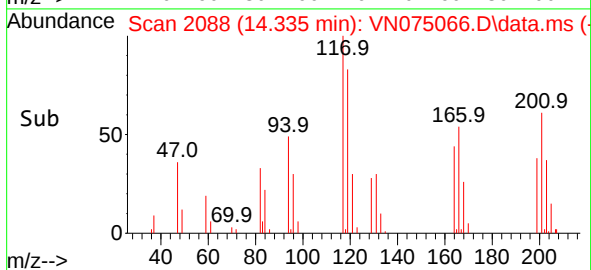
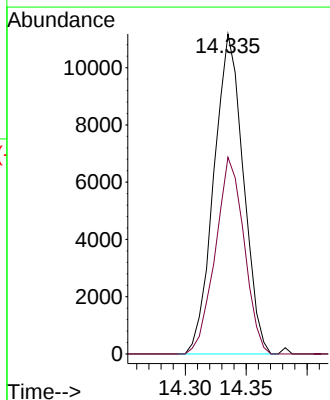
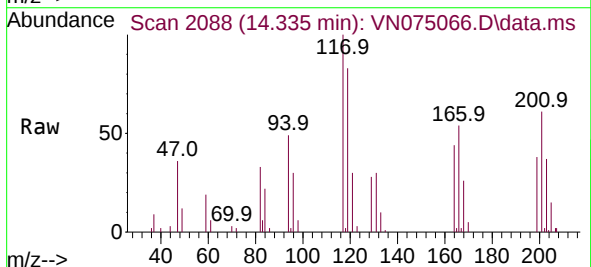
Manual Integrations
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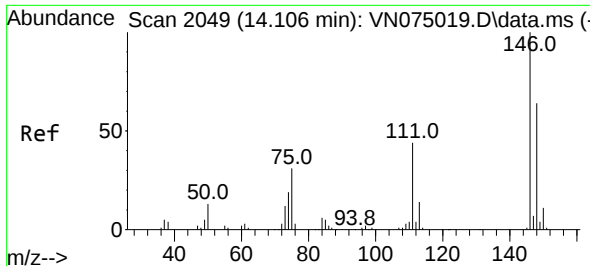
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.723 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion:117 Resp: 18793
Ion Ratio Lower Upper
117 100
201 59.9 31.5 94.5





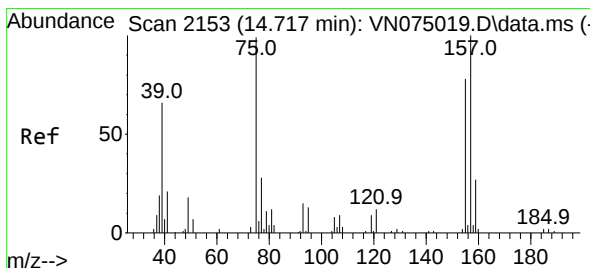
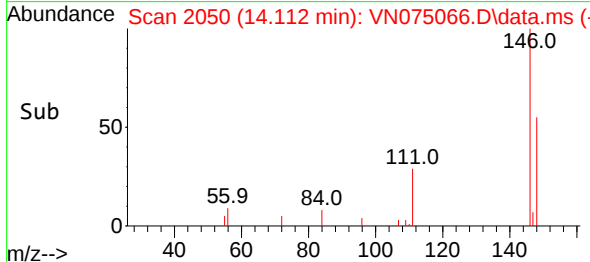
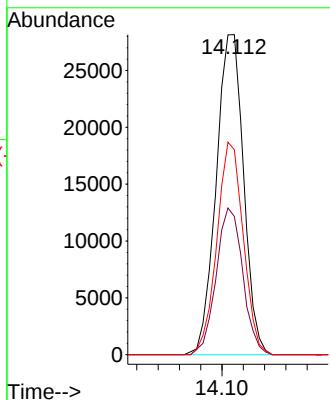
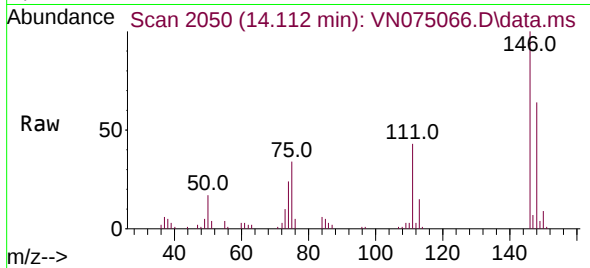
#91
1,2-Dichlorobenzene
Concen: 19.450 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:146 Resp: 5024
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.9
148 63.9 31.4 94.2

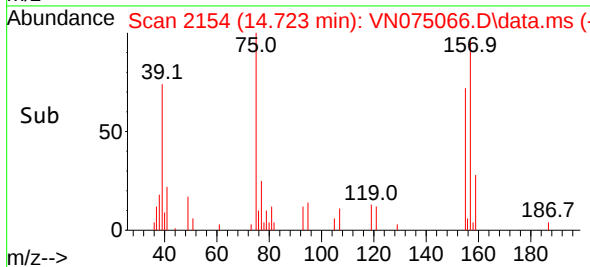
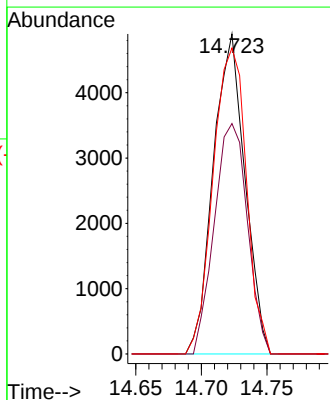
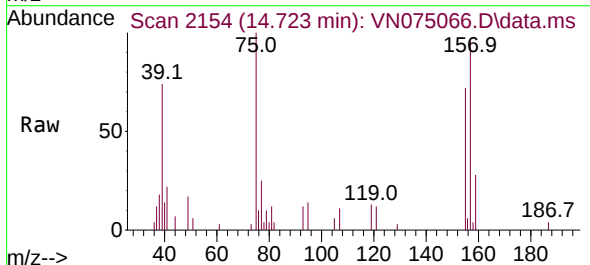
Manual Integrations
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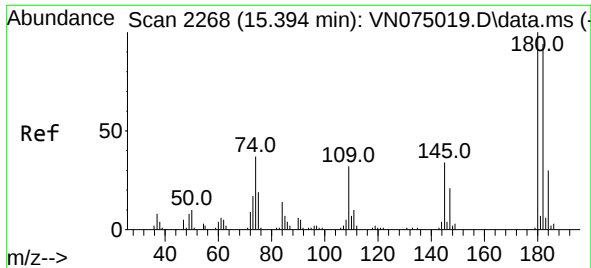
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.236 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion: 75 Resp: 8227
Ion Ratio Lower Upper
75 100
155 75.3 42.1 126.3
157 100.4 51.7 155.1





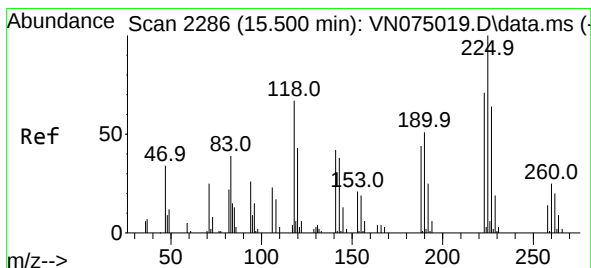
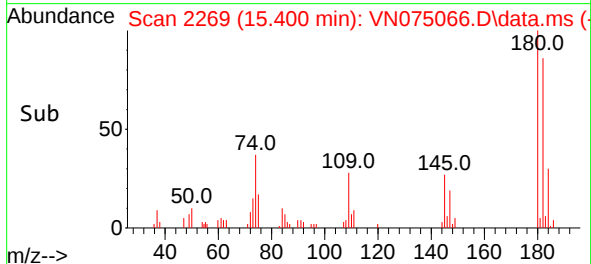
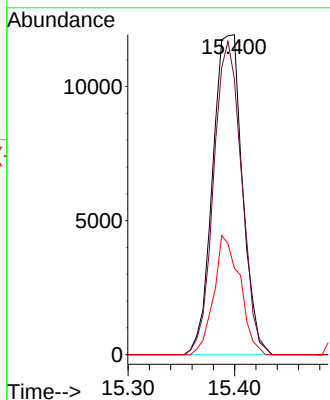
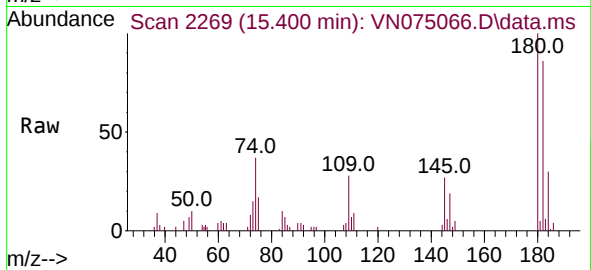
#93
1,2,4-Trichlorobenzene
Concen: 20.759 ug/l
RT: 15.400 min Scan# 2268
Delta R.T. 0.006 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:180 Resp: 23070
Ion Ratio Lower Upper
180 100
182 92.4 47.8 143.4
145 32.8 16.8 50.3

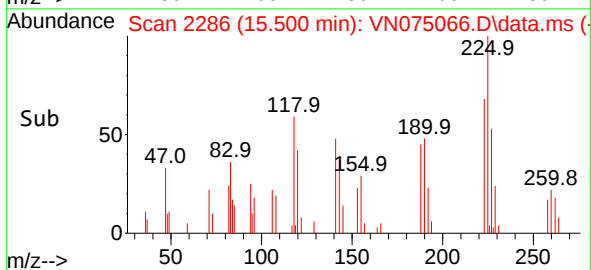
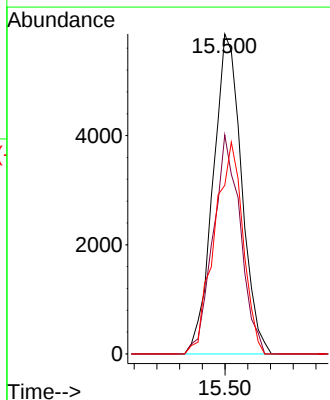
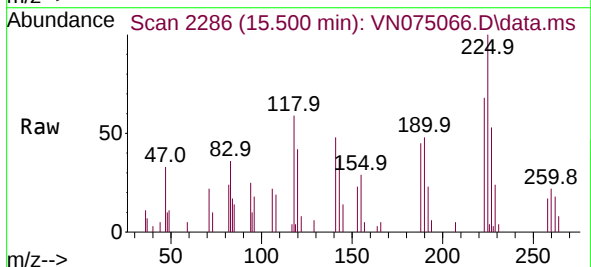
Manual Integrations
APPROVED

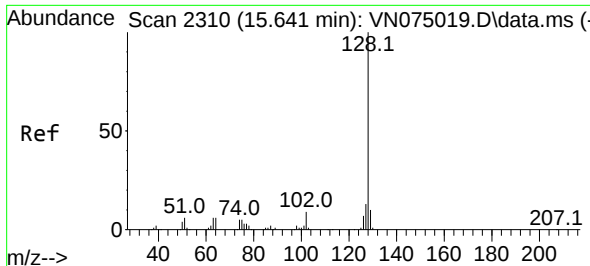
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#94
Hexachlorobutadiene
Concen: 18.810 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

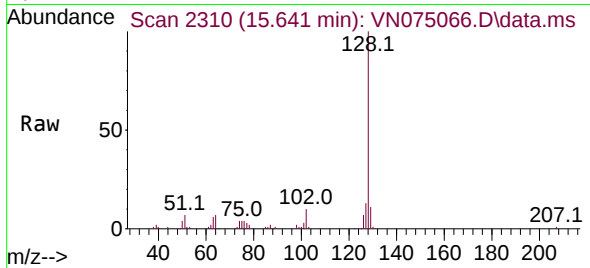
Tgt Ion:225 Resp: 10193
Ion Ratio Lower Upper
225 100
223 65.6 32.3 96.9
227 66.5 32.0 96.2





#95
Naphthalene
Concen: 20.774 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

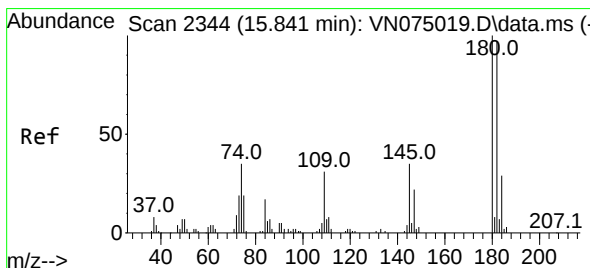
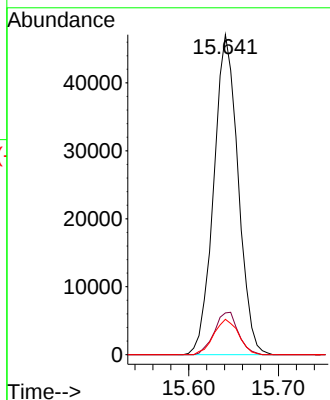
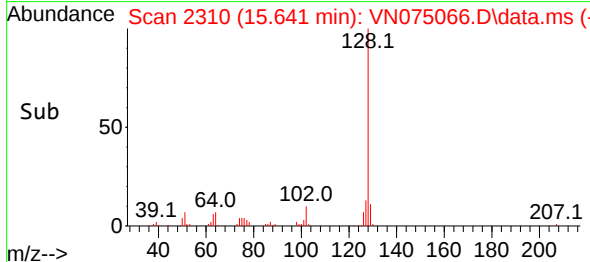
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:128 Resp: 8880
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.3 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 21.409 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075066.D
Acq: 28 Oct 2022 17:24

Tgt Ion:180 Resp: 23646
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 33.7 17.6 52.9

