

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076349.D
 Acq On : 20 Jan 2023 16:20
 Operator : JC\MD
 Sample : VN0120MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Quant Time: Jan 20 22:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	428386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	610291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	294327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222673	46.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.840%
35) Dibromofluoromethane	8.171	113	199590	47.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.571	98	751874	48.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.853	95	259597	51.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73771	16.805	ug/l	96
3) Chloromethane	2.377	50	70154	15.435	ug/l	93
4) Vinyl Chloride	2.530	62	94618	16.977	ug/l	96
5) Bromomethane	2.965	94	79238	17.361	ug/l	100
6) Chloroethane	3.136	64	69689	16.676	ug/l	98
7) Trichlorofluoromethane	3.512	101	126945	16.556	ug/l	98
8) Diethyl Ether	3.971	74	44515	17.309	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	73964	17.040	ug/l	98
10) Methyl Iodide	4.600	142	105888	15.971	ug/l	98
11) Tert butyl alcohol	5.536	59	48981	76.345	ug/l	99
12) 1,1-Dichloroethene	4.359	96	67199	16.377	ug/l	97
13) Acrolein	4.200	56	61188	79.749	ug/l	99
14) Allyl chloride	5.042	41	75867	15.866	ug/l	100
15) Acrylonitrile	5.736	53	143429	78.561	ug/l	99
16) Acetone	4.442	43	125533	81.591	ug/l	95
17) Carbon Disulfide	4.724	76	151760	14.854	ug/l	97
18) Methyl Acetate	5.042	43	79576	15.271	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	230243	17.236	ug/l	97
20) Methylene Chloride	5.294	84	84996	18.299	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	72755	16.367	ug/l	99
22) Diisopropyl ether	6.683	45	191167	16.953	ug/l	96
23) Vinyl Acetate	6.618	43	610641	83.790	ug/l	97
24) 1,1-Dichloroethane	6.577	63	126219	16.792	ug/l	98
25) 2-Butanone	7.488	43	185252	78.883	ug/l	99
26) 2,2-Dichloropropane	7.500	77	107453	16.962	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	86541	16.692	ug/l	99
28) Bromochloromethane	7.818	49	60089	19.723	ug/l	99
29) Tetrahydrofuran	7.847	42	117354	80.967	ug/l	99
30) Chloroform	7.971	83	143379	17.239	ug/l	99
31) Cyclohexane	8.265	56	113443	15.396	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	130056	17.128	ug/l	93
36) 1,1-Dichloropropene	8.377	75	102453	17.173	ug/l	99
37) Ethyl Acetate	7.565	43	77609	16.243	ug/l	98
38) Carbon Tetrachloride	8.371	117	113264	17.025	ug/l	100
39) Methylcyclohexane	9.606	83	128008	17.571	ug/l	97
40) Benzene	8.612	78	308264	17.280	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	40783	16.277	ug/l	95
42) 1,2-Dichloroethane	8.677	62	101688	16.660	ug/l	99
43) Isopropyl Acetate	8.694	43	132096	16.969	ug/l	99
44) Trichloroethene	9.353	130	86916	17.227	ug/l	94
45) 1,2-Dichloropropane	9.629	63	73223	17.144	ug/l	94
46) Dibromomethane	9.712	93	55462	17.199	ug/l	98
47) Bromodichloromethane	9.894	83	111333	17.801	ug/l	96
48) Methyl methacrylate	9.682	41	61640	16.726	ug/l	99
49) 1,4-Dioxane	9.700	88	26578	341.784	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	387341	84.761	ug/l	99
52) Toluene	10.635	92	201866	16.922	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	107042	17.954	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	119914	17.482	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	79342	17.400	ug/l	98
56) Ethyl methacrylate	10.876	69	105928	17.994	ug/l	100
57) 1,3-Dichloropropane	11.165	76	128161	17.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	128347	64.581	ug/l	99
59) 2-Hexanone	11.200	43	278752	84.176	ug/l	100
60) Dibromochloromethane	11.359	129	85833	17.881	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79527	17.473	ug/l	98
64) Tetrachloroethene	11.106	164	94338	17.141	ug/l	99
65) Chlorobenzene	11.894	112	217810	16.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	82007	17.085	ug/l	98
67) Ethyl Benzene	11.965	91	387449	17.548	ug/l	99
68) m/p-Xylenes	12.070	106	310946	35.121	ug/l	100
69) o-Xylene	12.400	106	152810	17.575	ug/l	100
70) Styrene	12.412	104	245020	17.650	ug/l	98
71) Bromoform	12.576	173	59603	17.195	ug/l #	97
73) Isopropylbenzene	12.700	105	395656	17.377	ug/l	100
74) N-amyl acetate	12.500	43	105253	16.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104445	15.957	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	128731	23.506	ug/l	87
77) Bromobenzene	12.982	156	94873	17.457	ug/l	97
78) n-propylbenzene	13.041	91	450807	17.547	ug/l	100
79) 2-Chlorotoluene	13.129	91	267622	16.976	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	339680	17.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32889	18.592	ug/l	92
82) 4-Chlorotoluene	13.129	91	267622	16.976	ug/l	99
83) tert-Butylbenzene	13.441	119	300063	17.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	335476	17.539	ug/l	99
85) sec-Butylbenzene	13.617	105	422319	17.939	ug/l	99
86) p-Isopropyltoluene	13.729	119	348015	17.978	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	174696	16.278	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	174306	17.141	ug/l	99
89) n-Butylbenzene	14.059	91	277607	18.065	ug/l	100
90) Hexachloroethane	14.335	117	57443	17.193	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	170969	15.995	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17763	15.612	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	78670	16.139	ug/l	99
94) Hexachlorobutadiene	15.506	225	47123	16.613	ug/l	98
95) Naphthalene	15.641	128	211325	15.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	76890	16.412	ug/l	99

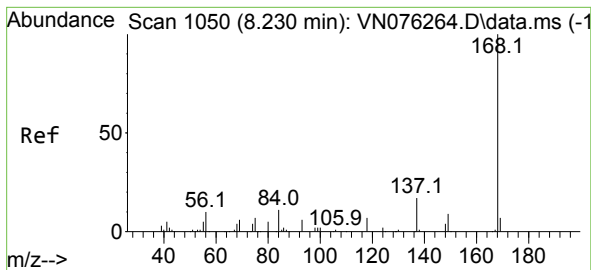
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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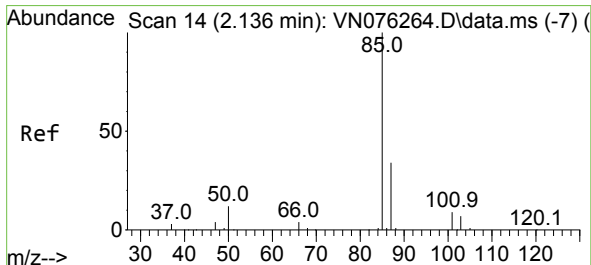
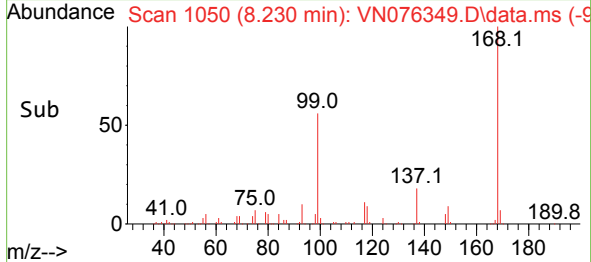
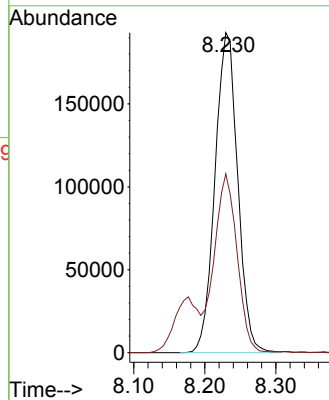
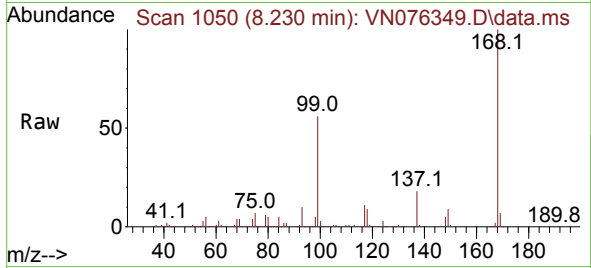
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076349.D
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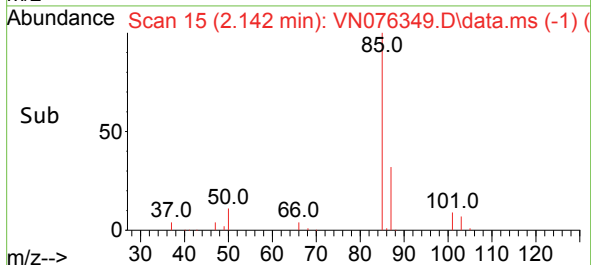
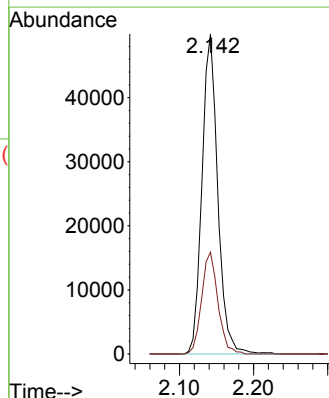
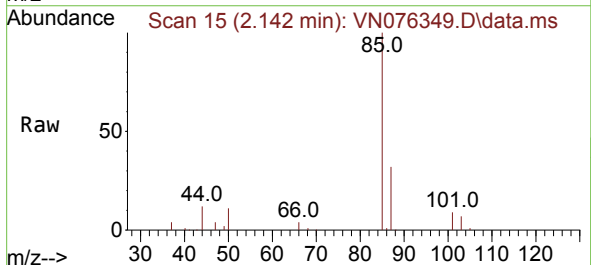
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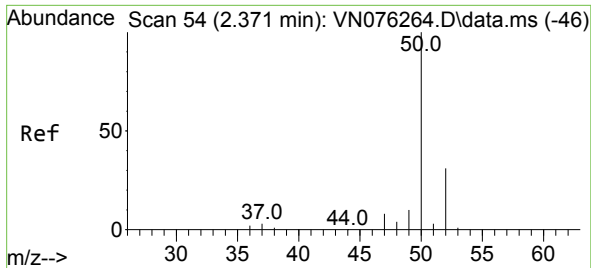
Tgt Ion:168 Resp: 428386
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 16.805 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 85 Resp: 73771
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.2

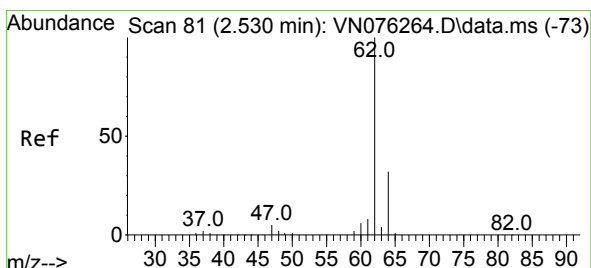
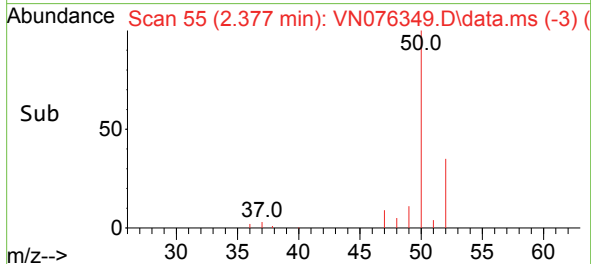
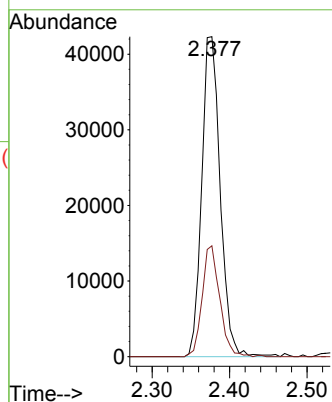
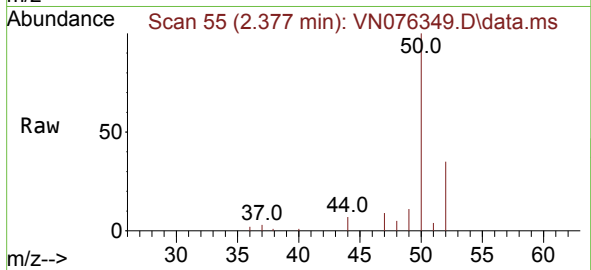




#3
Chloromethane
Concen: 15.435 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

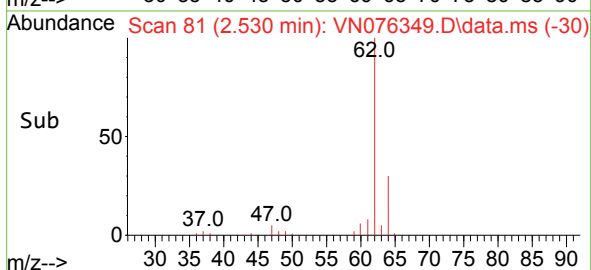
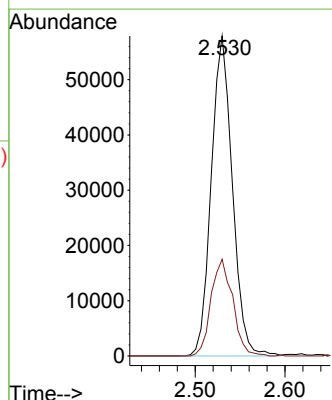
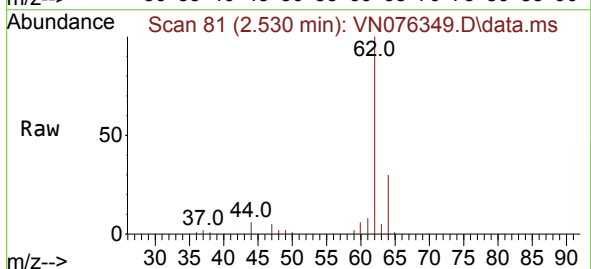
Instrument :
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ClientSampleId :
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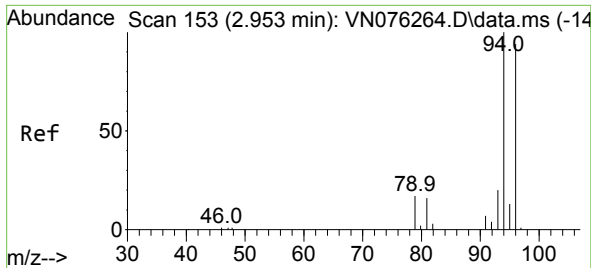
Tgt Ion: 50 Resp: 70154
Ion Ratio Lower Upper
50 100
52 34.7 24.8 37.2



#4
Vinyl Chloride
Concen: 16.977 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 62 Resp: 94618
Ion Ratio Lower Upper
62 100
64 30.2 25.8 38.6

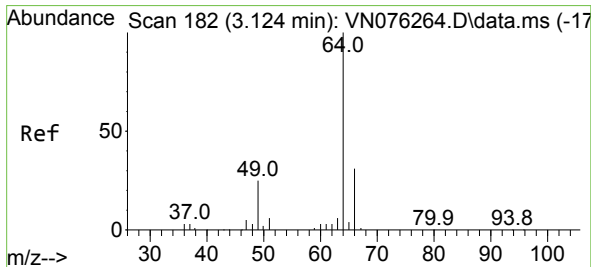
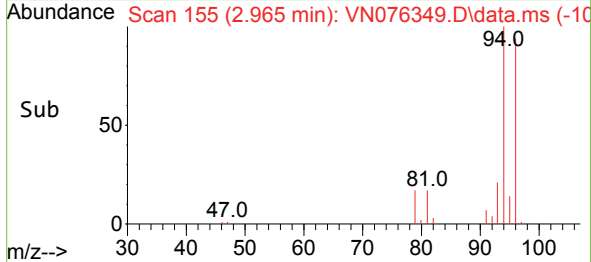
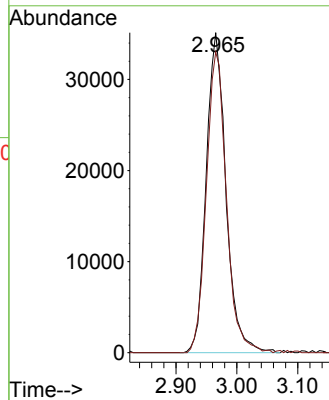
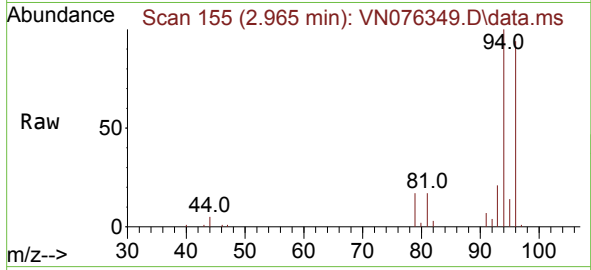




#5
Bromomethane
Concen: 17.361 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

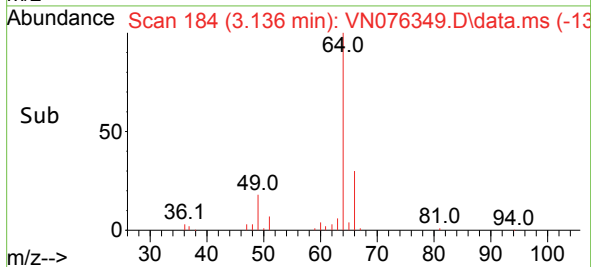
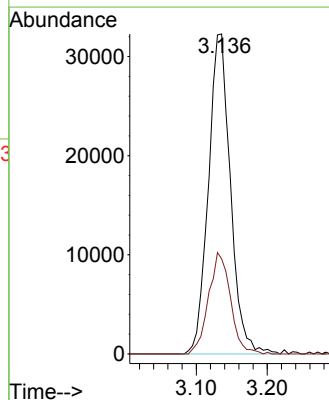
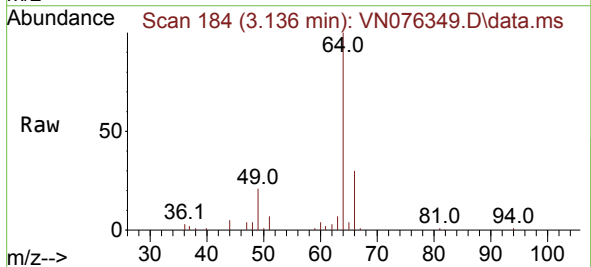
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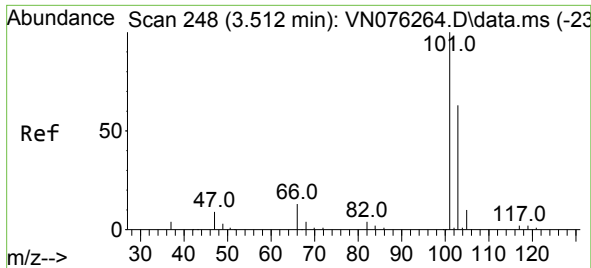
Tgt Ion: 94 Resp: 79238
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7



#6
Chloroethane
Concen: 16.676 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 64 Resp: 69689
Ion Ratio Lower Upper
64 100
66 29.7 24.8 37.2

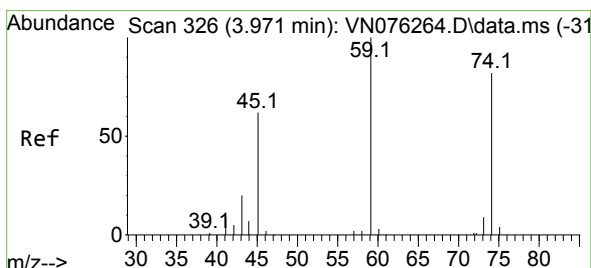
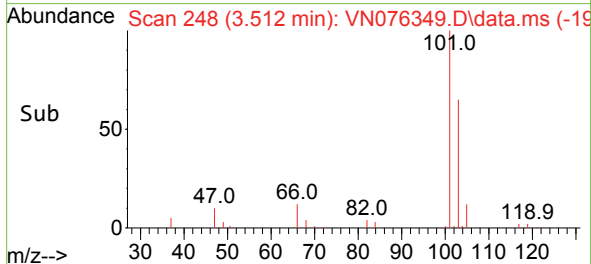
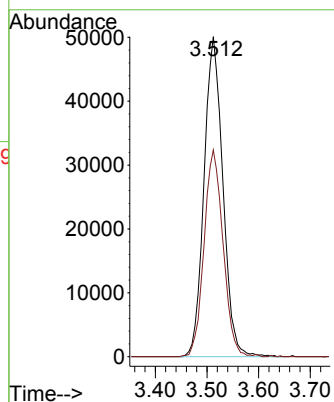
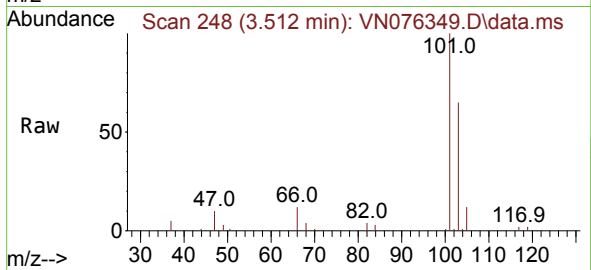




#7
 Trichlorofluoromethane
 Concen: 16.556 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

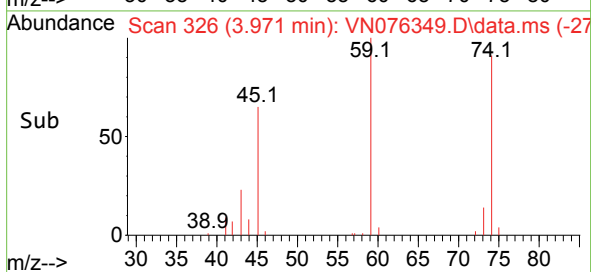
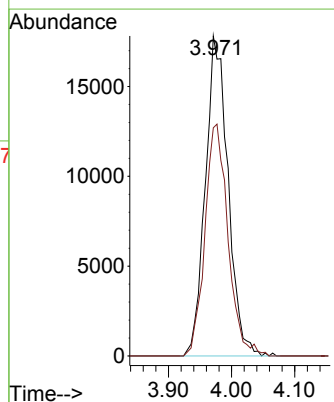
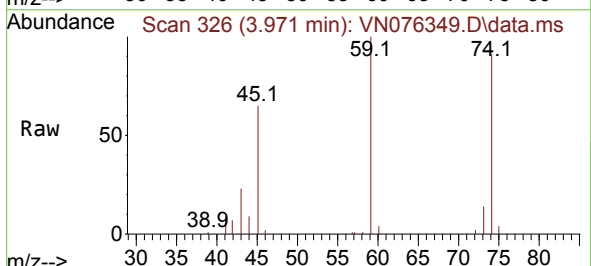
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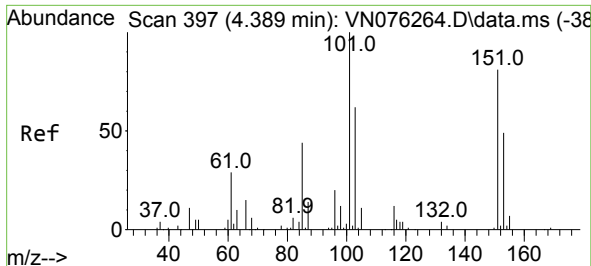
Tgt Ion:101 Resp: 126945
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 17.309 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion: 74 Resp: 44515
 Ion Ratio Lower Upper
 74 100
 45 73.6 37.8 113.3

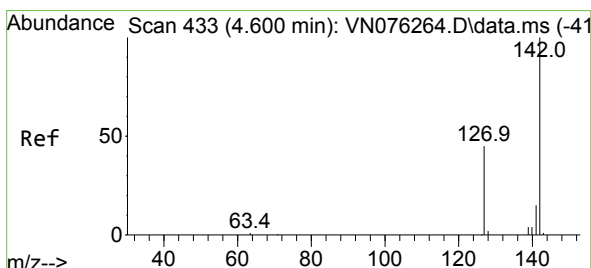
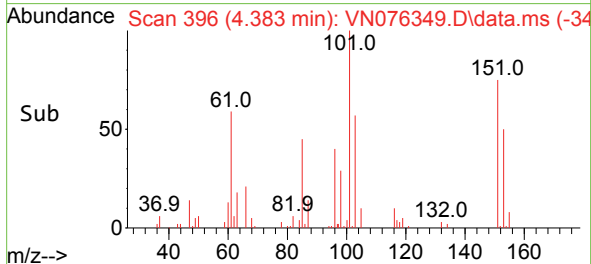
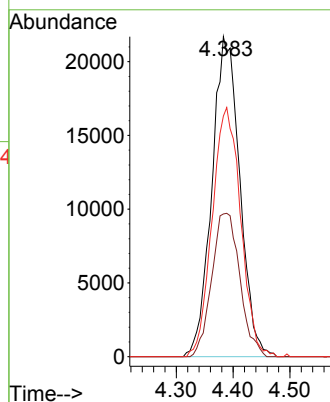
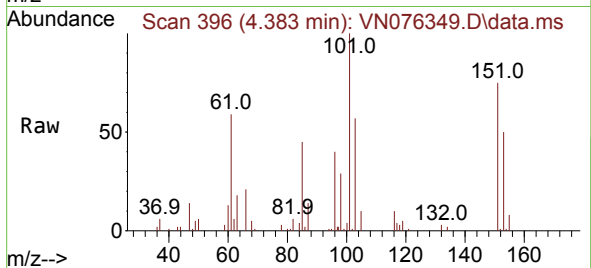




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.040 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

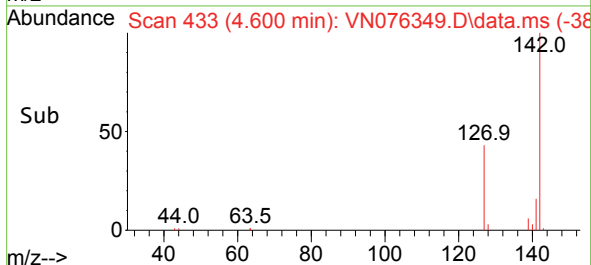
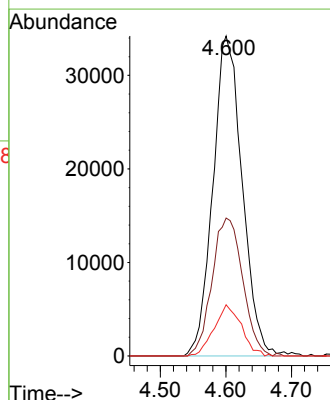
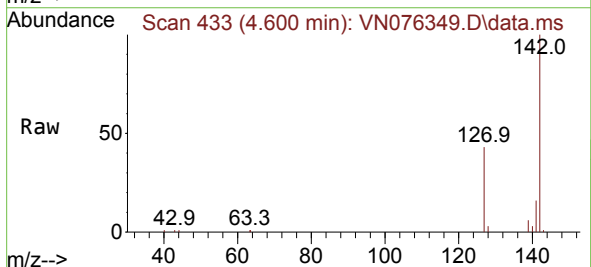
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

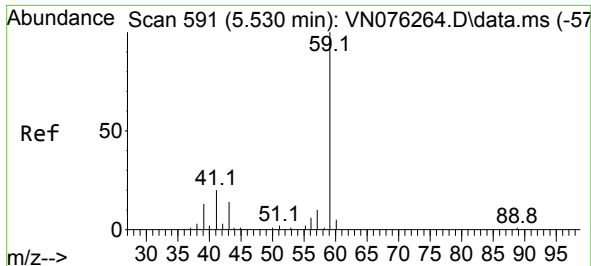
Tgt Ion:	101	Resp:	73964
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	79.5	65.5	98.3



#10
Methyl Iodide
Concen: 15.971 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:	142	Resp:	105888
Ion	Ratio	Lower	Upper
142	100		
127	45.1	35.0	52.4
141	14.9	11.5	17.3

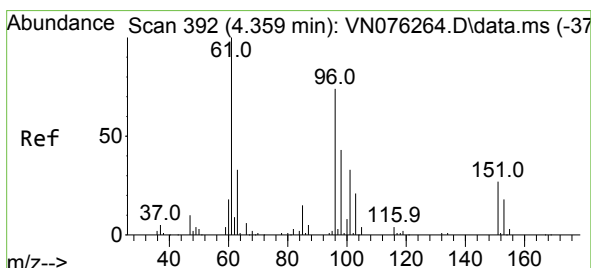
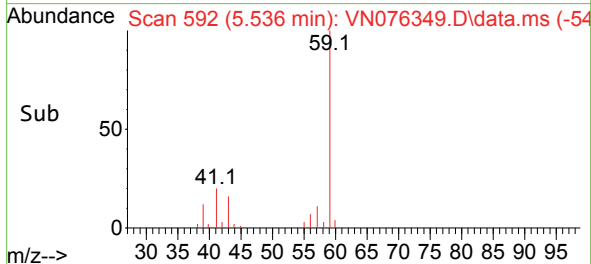
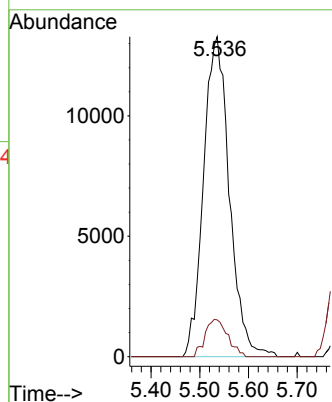
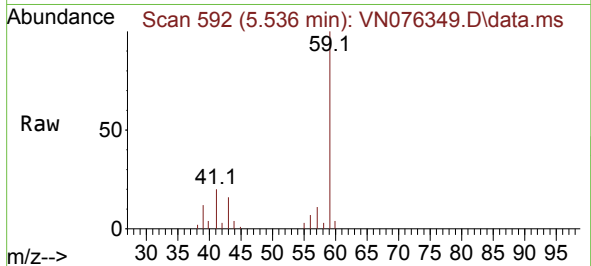




#11
Tert butyl alcohol
Concen: 76.345 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

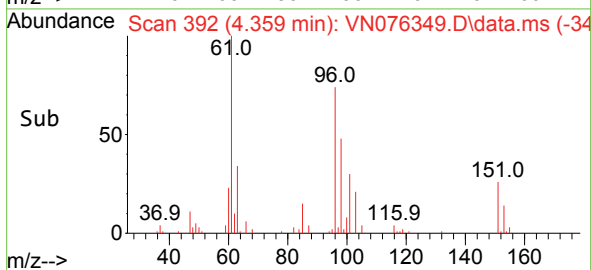
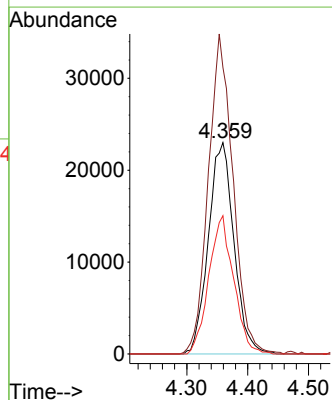
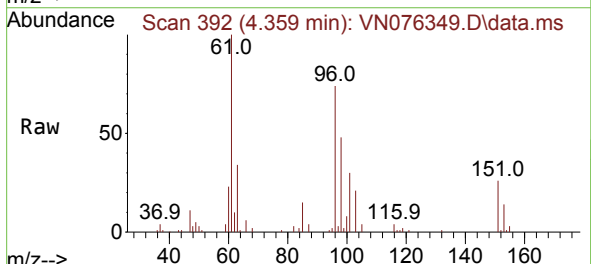
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

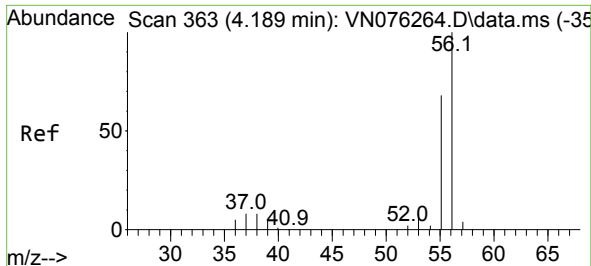
Tgt Ion: 59 Resp: 48981
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.377 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 96 Resp: 67199
Ion Ratio Lower Upper
96 100
61 135.7 108.2 162.4
98 65.4 47.0 70.6





#13

Acrolein

Concen: 79.749 ug/l

RT: 4.200 min Scan# 3

Delta R.T. 0.011 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

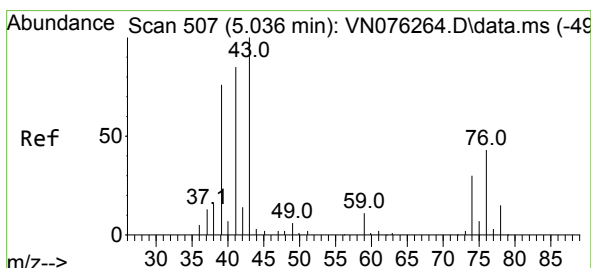
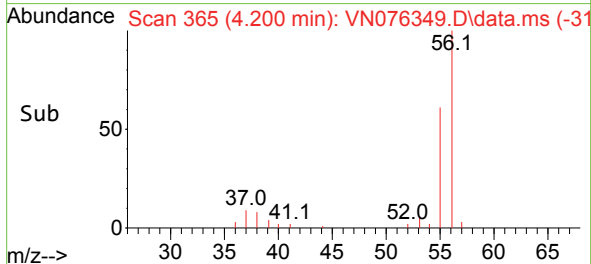
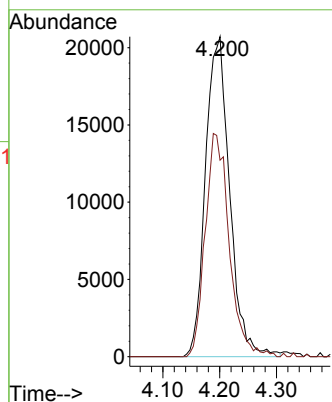
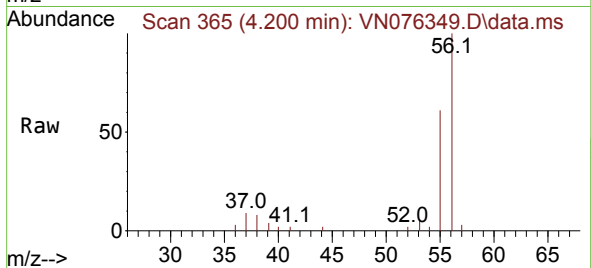
VN0120MBS01

Tgt Ion: 56 Resp: 61188

Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.6



#14

Allyl chloride

Concen: 15.866 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

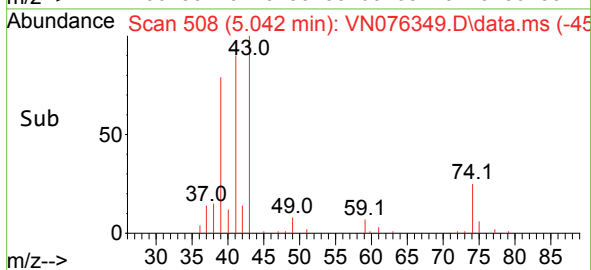
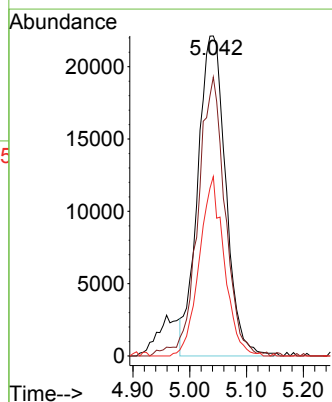
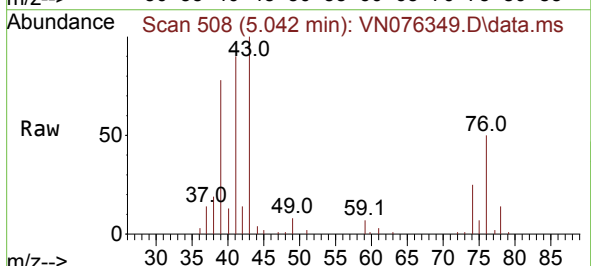
Tgt Ion: 41 Resp: 75867

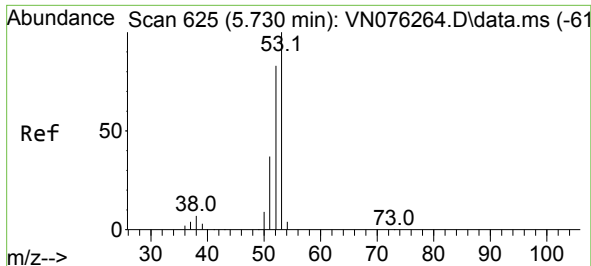
Ion Ratio Lower Upper

41 100

39 84.6 67.4 101.0

76 49.8 39.8 59.8

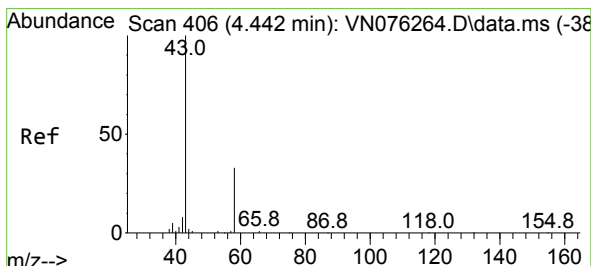
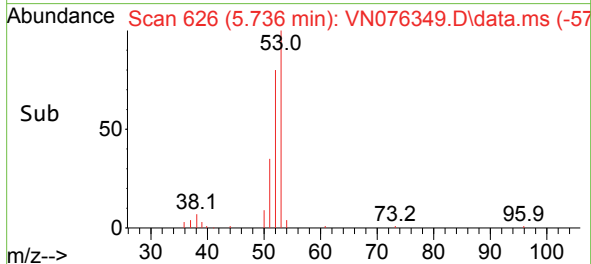
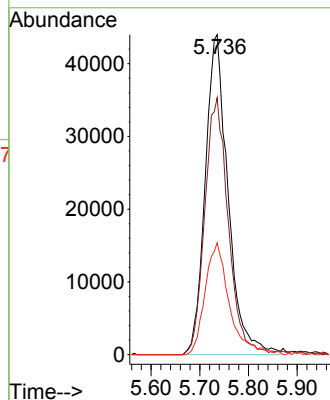
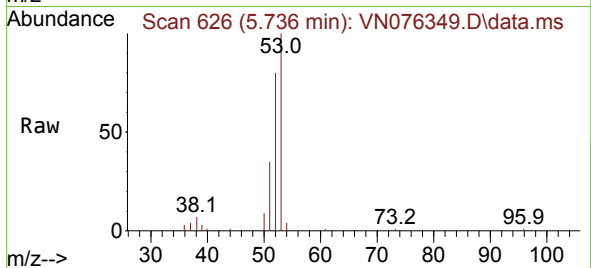




#15
Acrylonitrile
Concen: 78.561 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

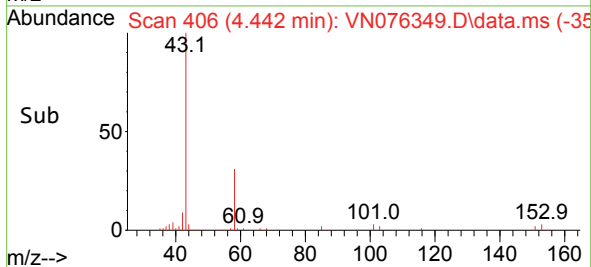
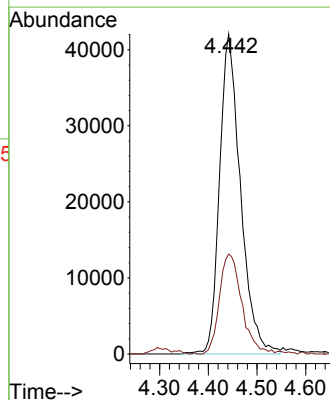
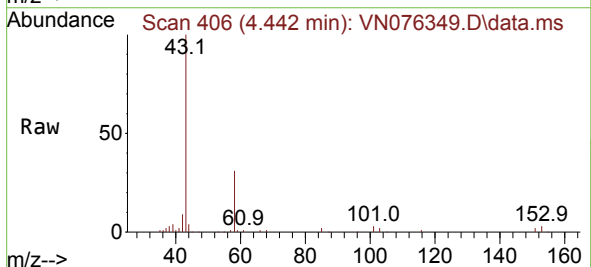
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

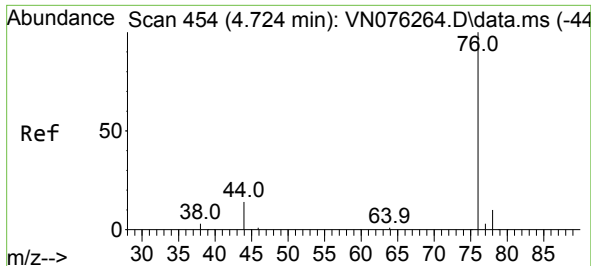
Tgt Ion: 53 Resp: 143429
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 37.0 29.2 43.8



#16
Acetone
Concen: 81.591 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 43 Resp: 125533
Ion Ratio Lower Upper
43 100
58 30.4 26.7 40.1

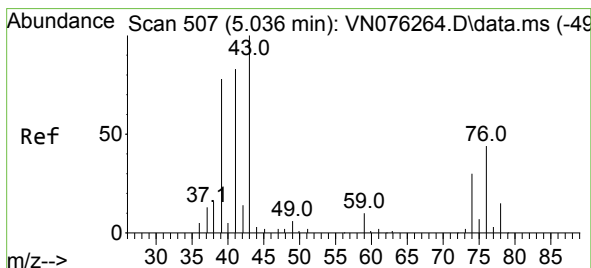
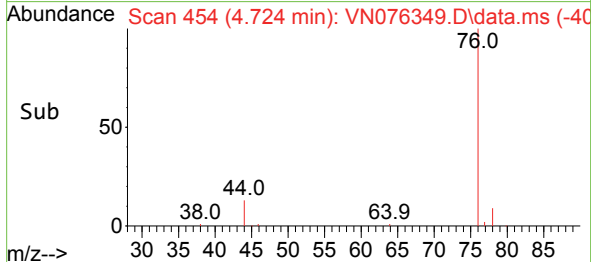
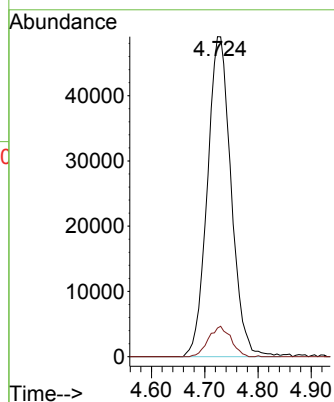
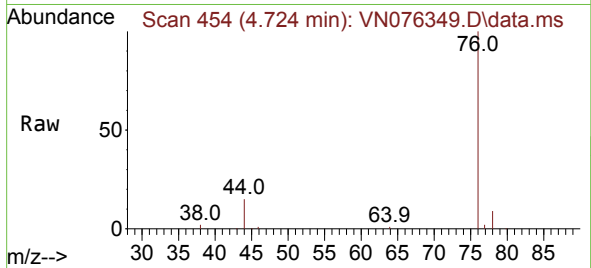




#17
Carbon Disulfide
Concen: 14.854 ug/l
RT: 4.724 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

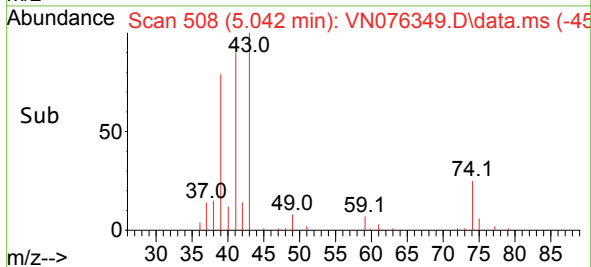
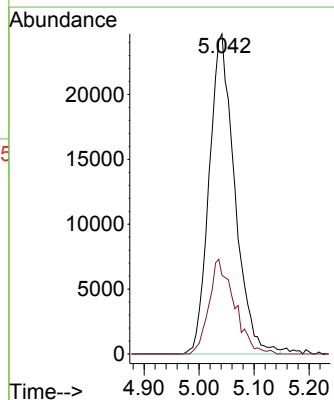
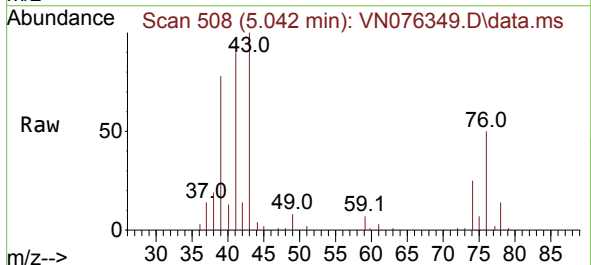
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

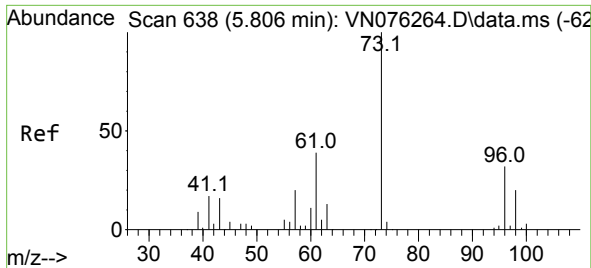
Tgt Ion: 76 Resp: 151760
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 15.271 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 43 Resp: 79576
Ion Ratio Lower Upper
43 100
74 29.5 23.3 34.9

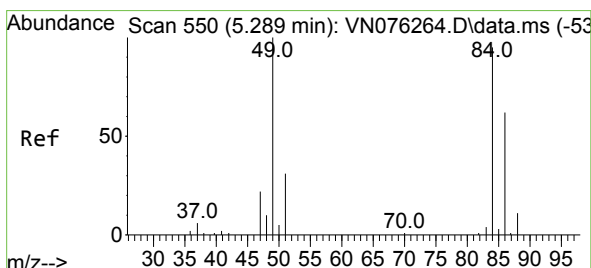
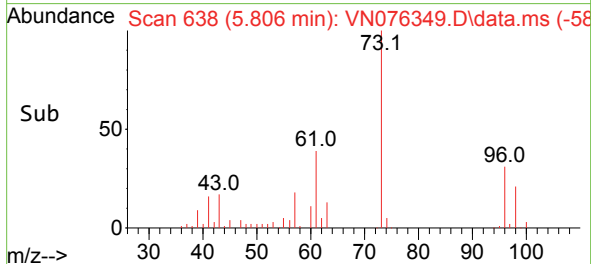
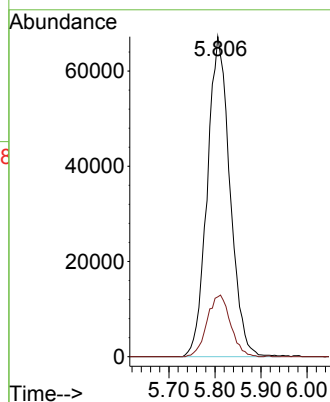
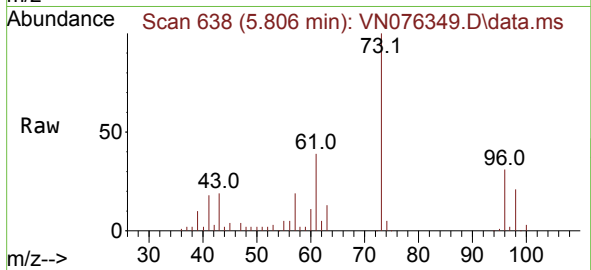




#19
Methyl tert-butyl Ether
Concen: 17.236 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

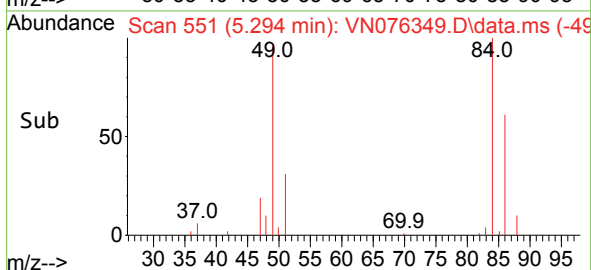
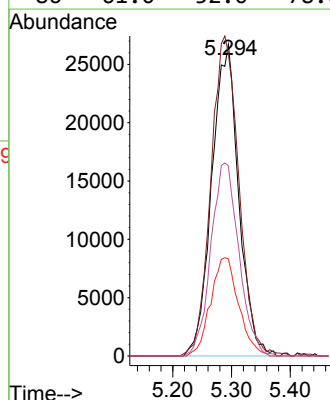
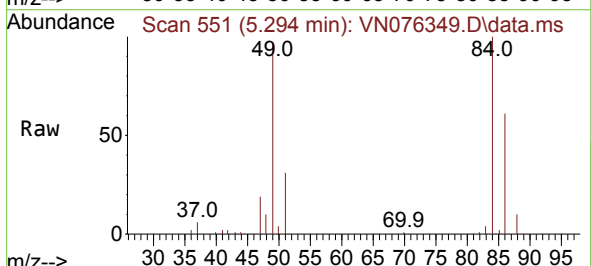
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

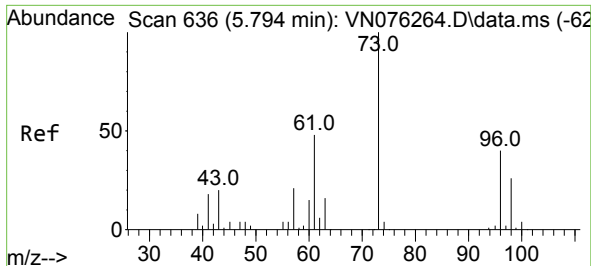
Tgt Ion: 73 Resp: 230243
Ion Ratio Lower Upper
73 100
57 18.7 15.9 23.9



#20
Methylene Chloride
Concen: 18.299 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 84 Resp: 84996
Ion Ratio Lower Upper
84 100
49 97.0 84.5 126.7
51 31.2 26.0 39.0
86 61.0 52.0 78.0

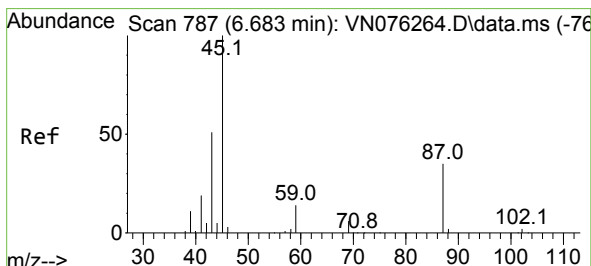
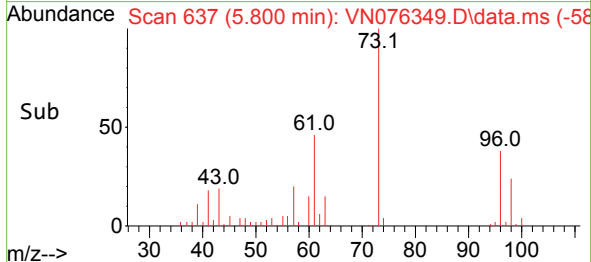
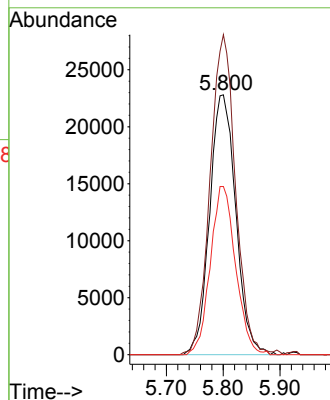
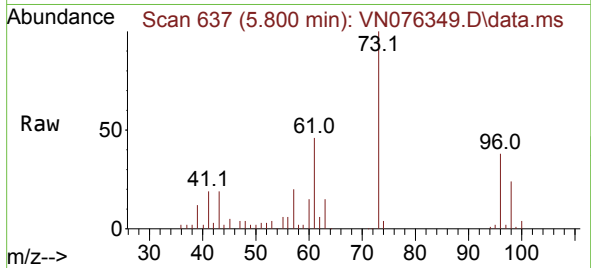




#21
trans-1,2-Dichloroethene
Concen: 16.367 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

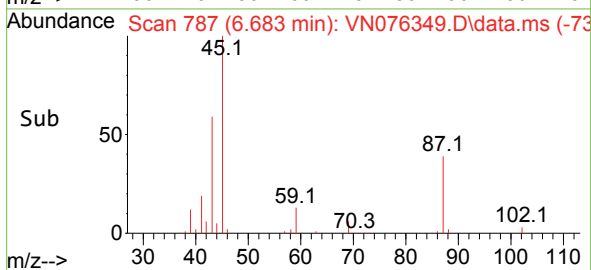
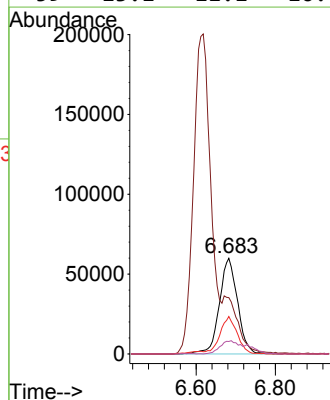
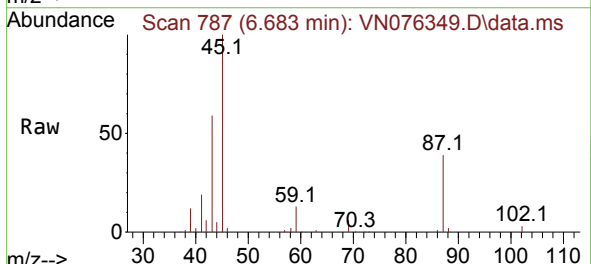
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

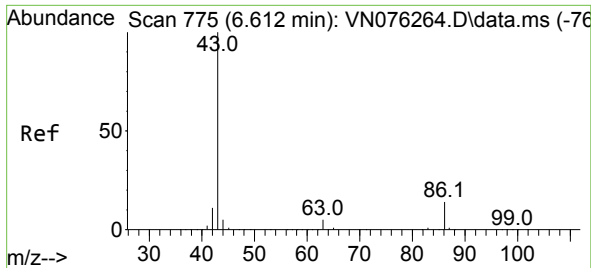
Tgt Ion: 96 Resp: 72755
Ion Ratio Lower Upper
96 100
61 123.2 97.0 145.4
98 64.8 51.9 77.9



#22
Diisopropyl ether
Concen: 16.953 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 45 Resp: 191167
Ion Ratio Lower Upper
45 100
43 57.9 44.4 66.6
87 39.1 28.4 42.6
59 13.1 11.1 16.7

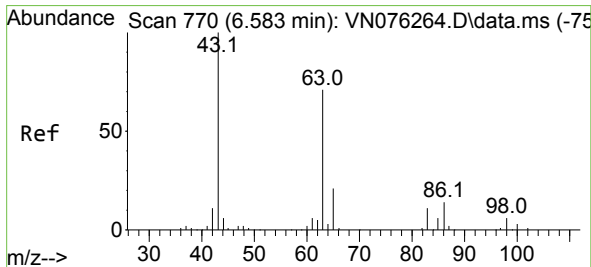
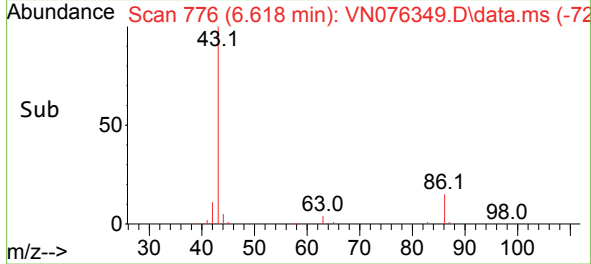
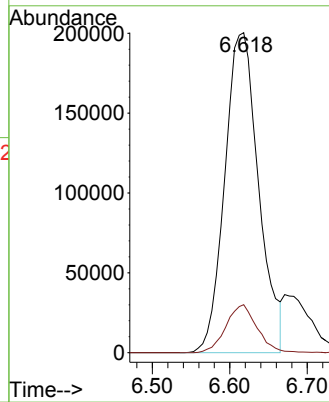
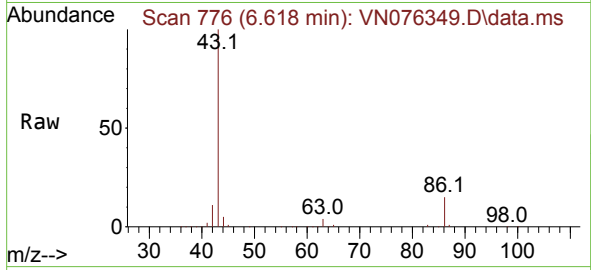




#23
 Vinyl Acetate
 Concen: 83.790 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

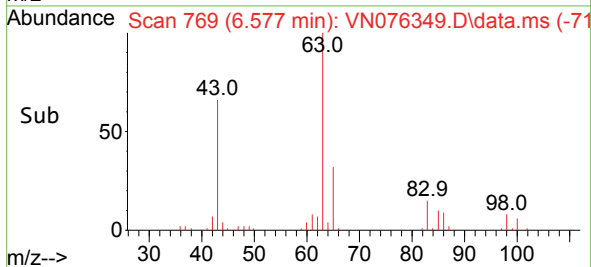
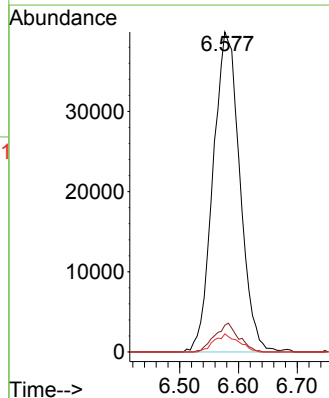
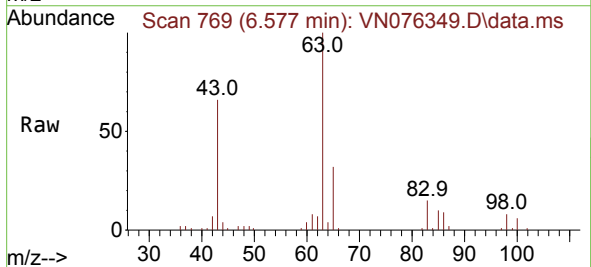
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

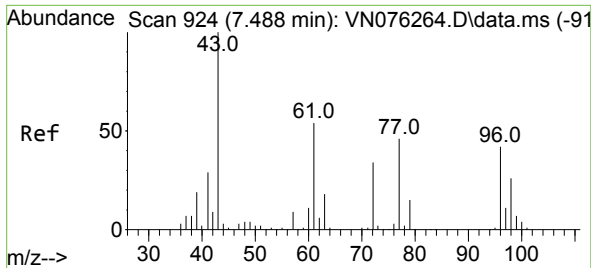
Tgt Ion: 43 Resp: 610641
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 16.792 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion: 63 Resp: 126219
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.7 2.2 6.6

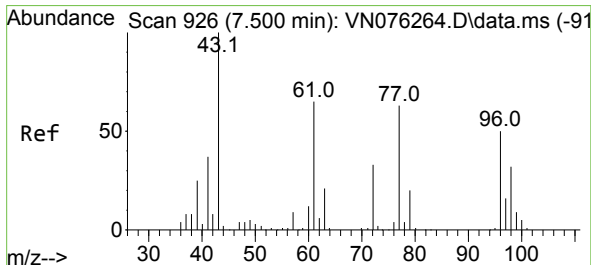
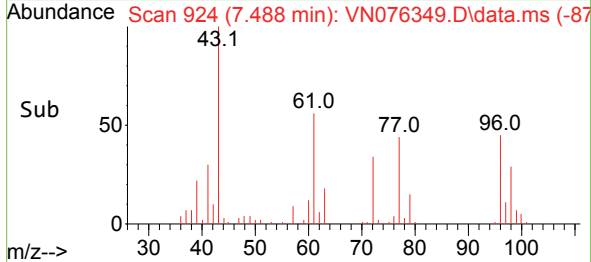
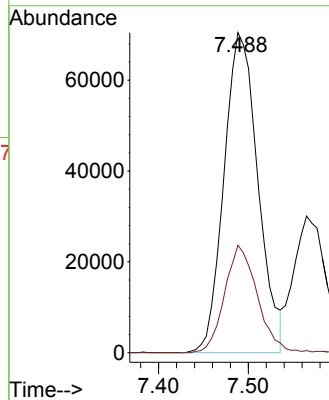
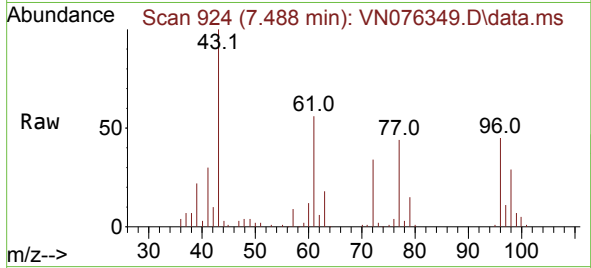




#25
2-Butanone
Concen: 78.883 ug/l
RT: 7.488 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

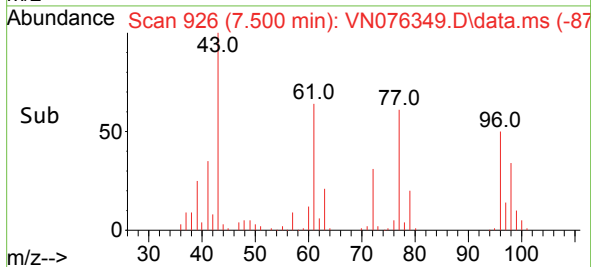
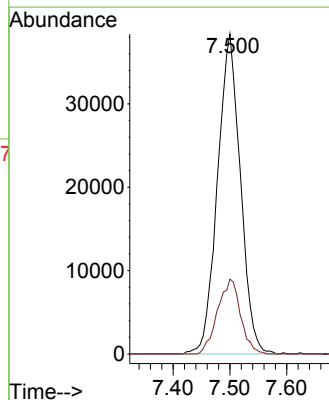
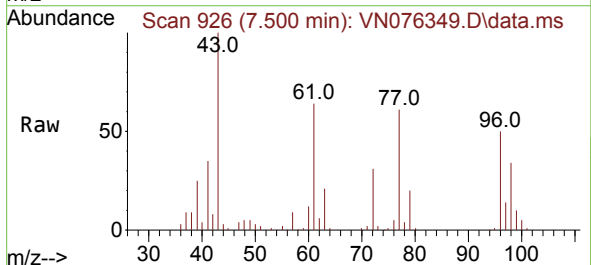
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

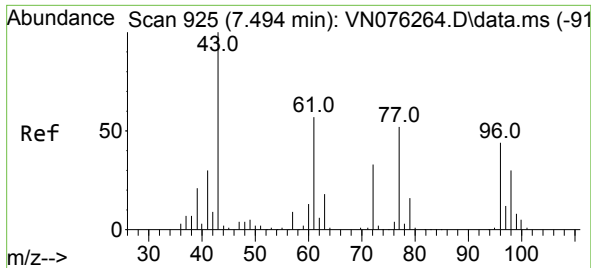
Tgt Ion: 43 Resp: 185252
Ion Ratio Lower Upper
43 100
72 33.5 27.4 41.2



#26
2,2-Dichloropropane
Concen: 16.962 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 77 Resp: 107453
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4

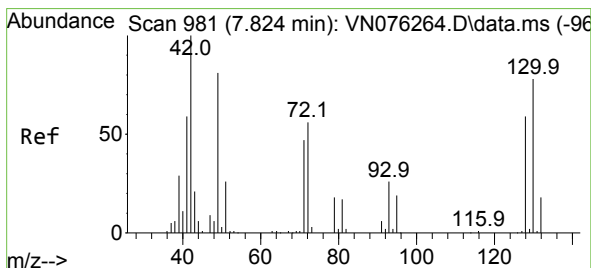
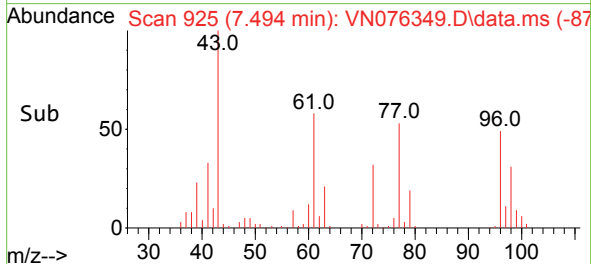
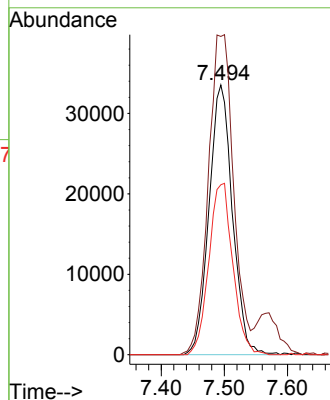
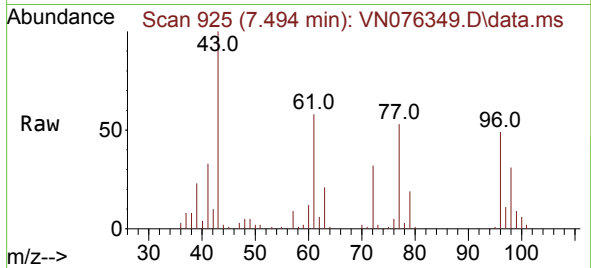




#27
 cis-1,2-Dichloroethene
 Concen: 16.692 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

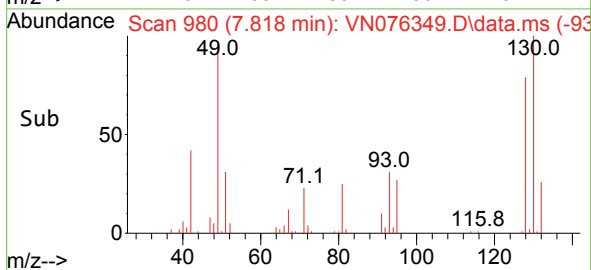
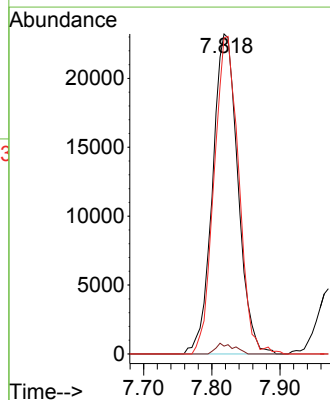
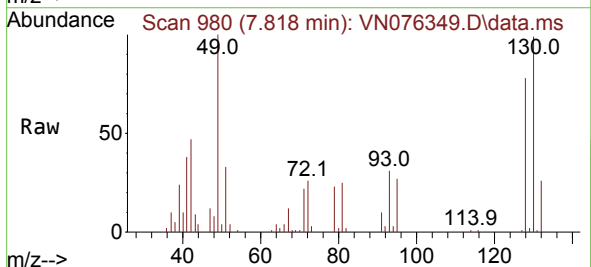
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

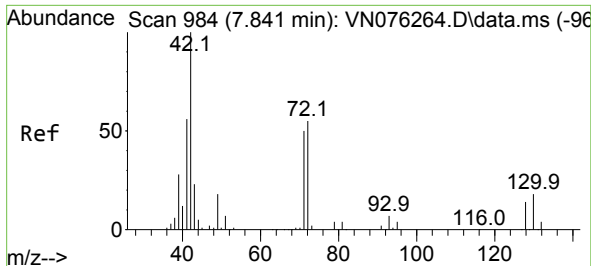
Tgt Ion: 96 Resp: 86541
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 259.6
 98 64.9 0.0 129.4



#28
 Bromochloromethane
 Concen: 19.723 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion: 49 Resp: 60089
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 96.3 76.0 114.0





#29

Tetrahydrofuran

Concen: 80.967 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

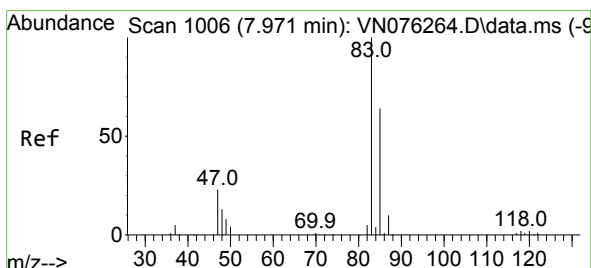
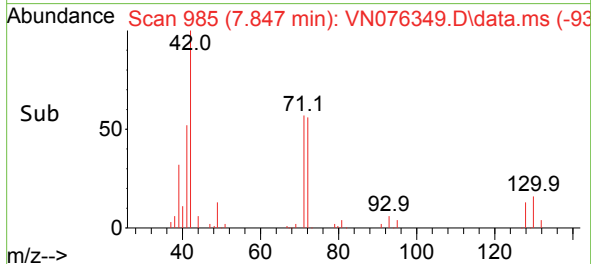
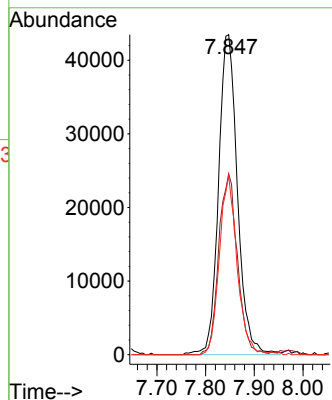
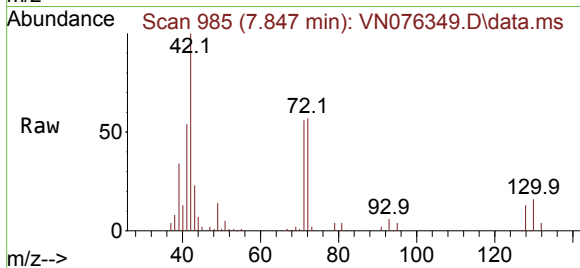
Tgt Ion: 42 Resp: 117354

Ion Ratio Lower Upper

42 100

72 55.7 44.0 66.0

71 52.2 41.1 61.7



#30

Chloroform

Concen: 17.239 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076349.D

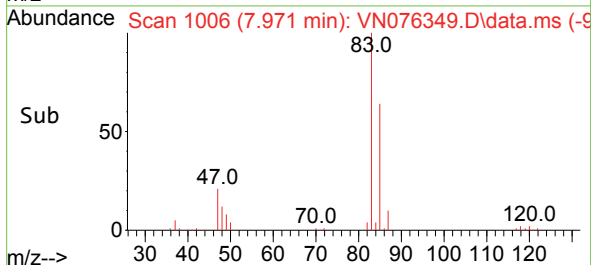
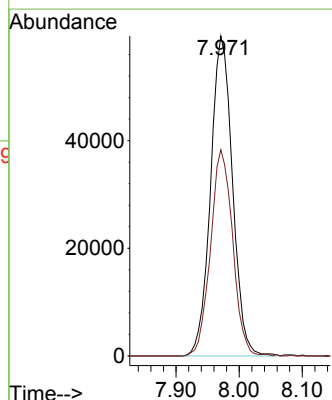
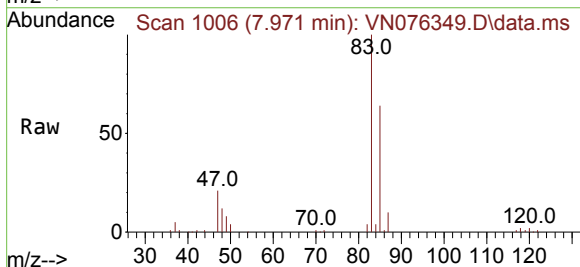
Acq: 20 Jan 2023 16:20

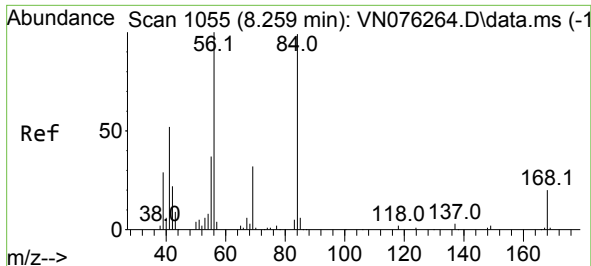
Tgt Ion: 83 Resp: 143379

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

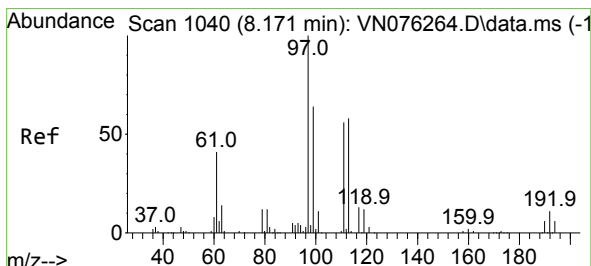
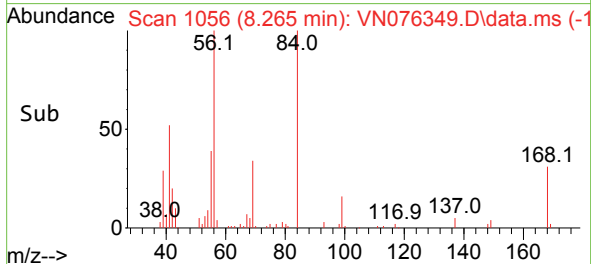
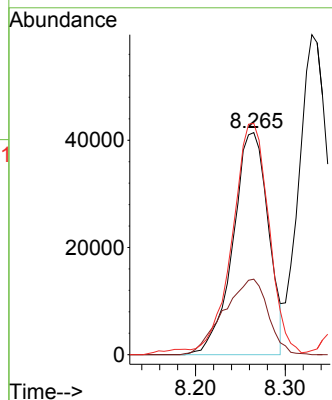
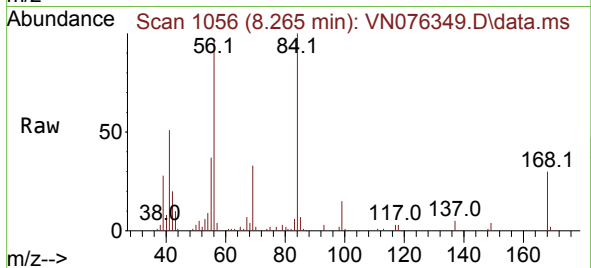




#31
Cyclohexane
Concen: 15.396 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

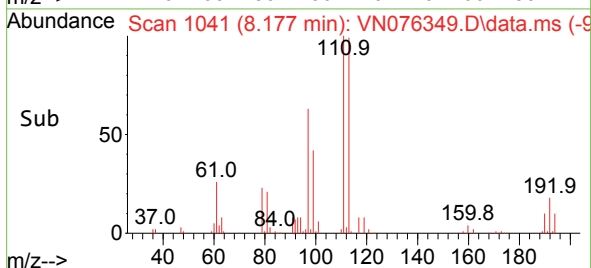
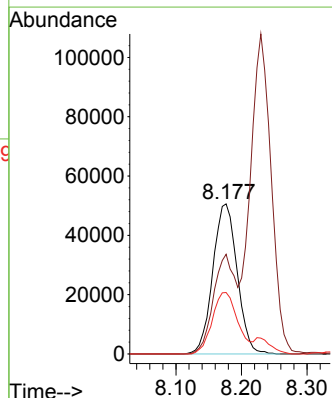
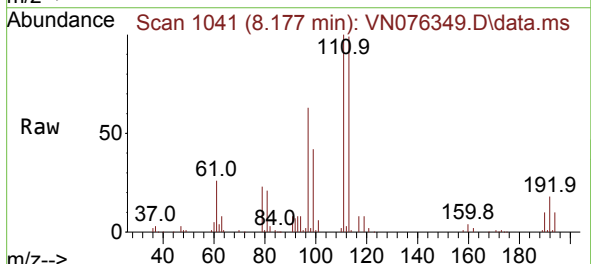
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

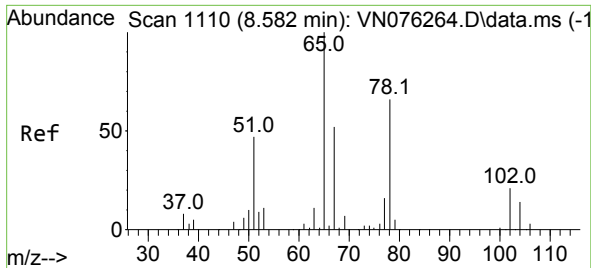
Tgt Ion: 56 Resp: 113443
Ion Ratio Lower Upper
56 100
69 34.0 25.8 38.8
84 101.8 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 17.128 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 97 Resp: 130056
Ion Ratio Lower Upper
97 100
99 60.1 55.0 82.4
61 43.6 36.2 54.4

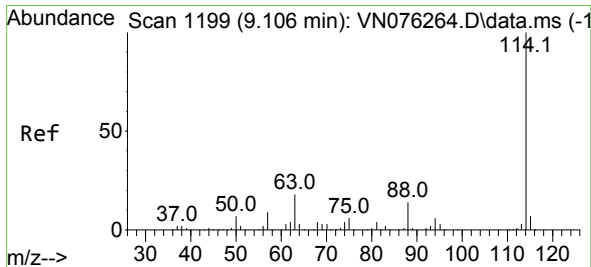
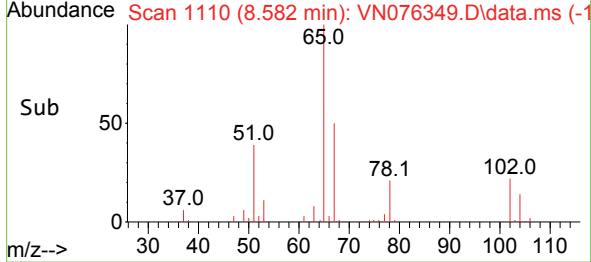
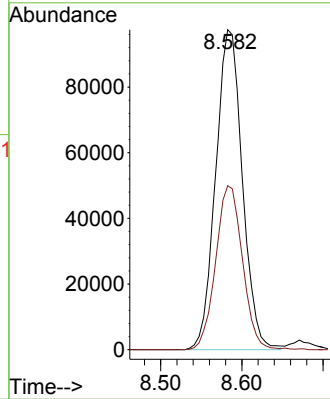
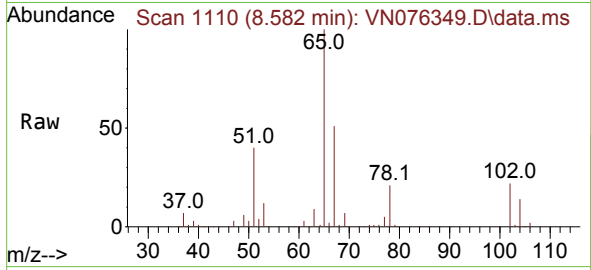




#33
 1,2-Dichloroethane-d4
 Concen: 46.423 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

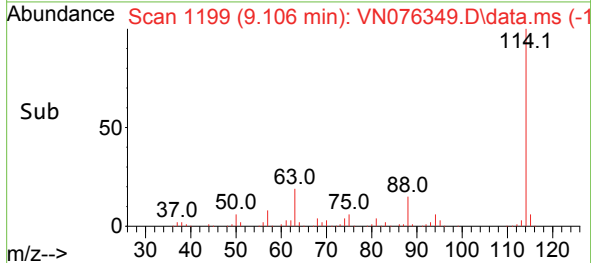
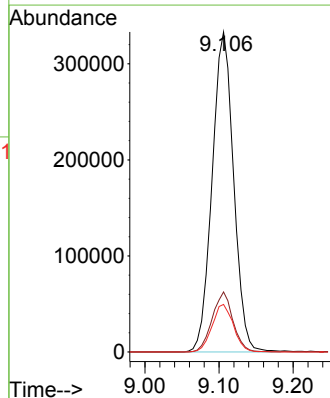
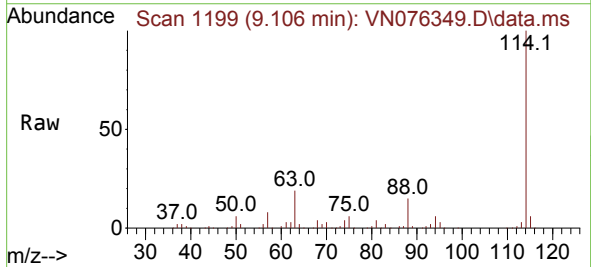
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

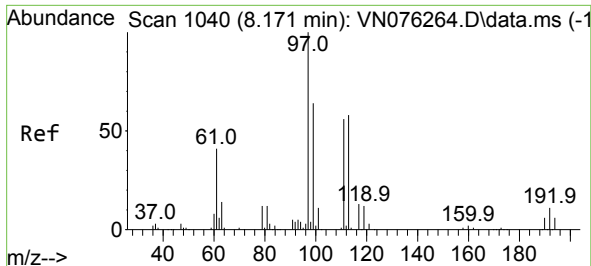
Tgt Ion: 65 Resp: 222673
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion: 114 Resp: 671168
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.8
 88 14.9 0.0 28.0

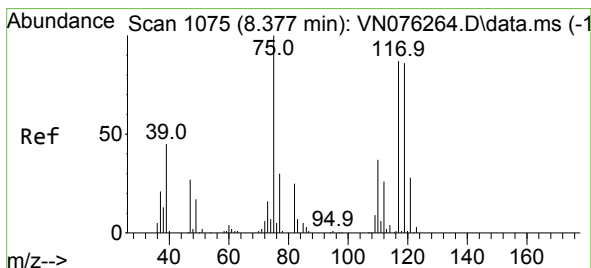
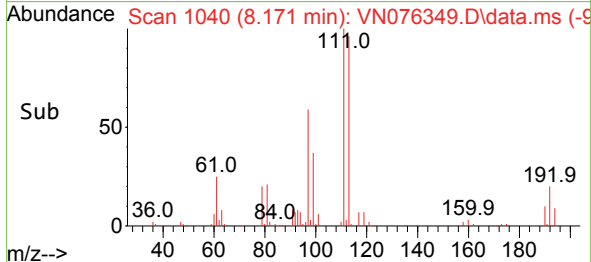
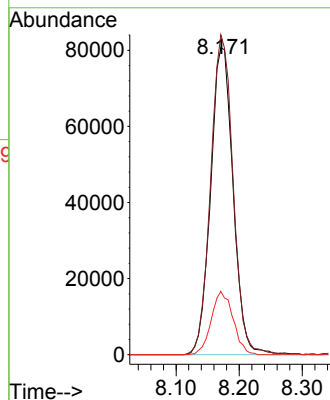
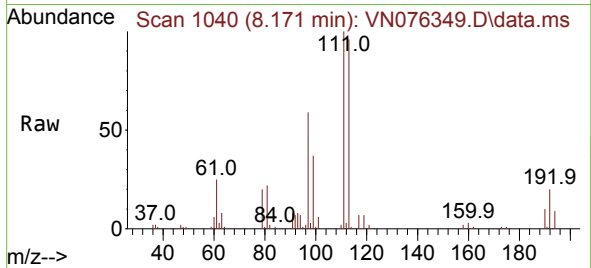




#35
Dibromofluoromethane
Concen: 47.539 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

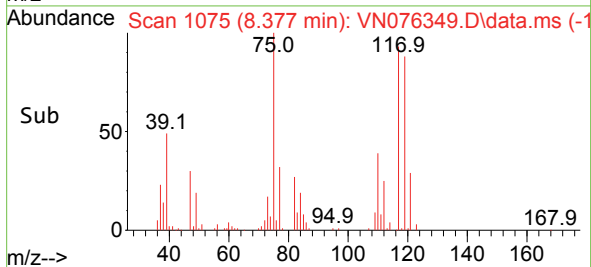
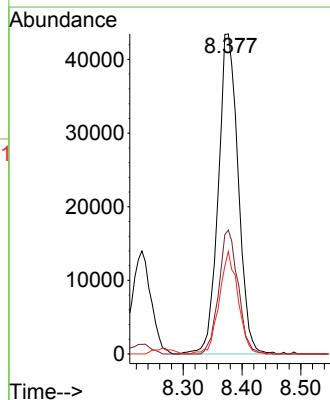
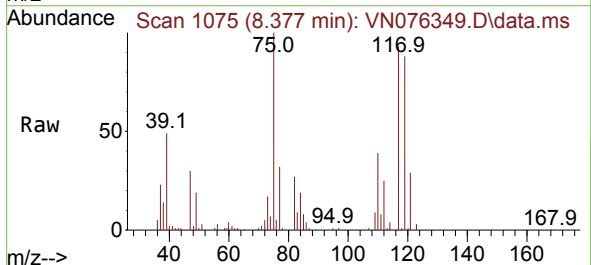
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

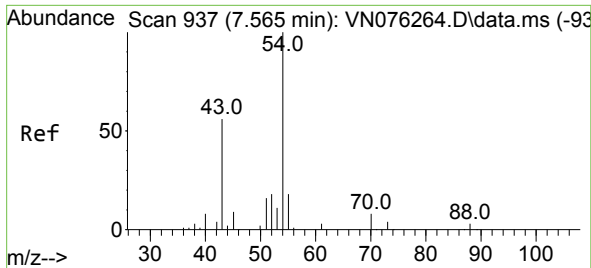
Tgt Ion:113 Resp: 199590
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 20.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 17.173 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 75 Resp: 102453
Ion Ratio Lower Upper
75 100
110 37.6 18.8 56.3
77 30.1 25.0 37.4

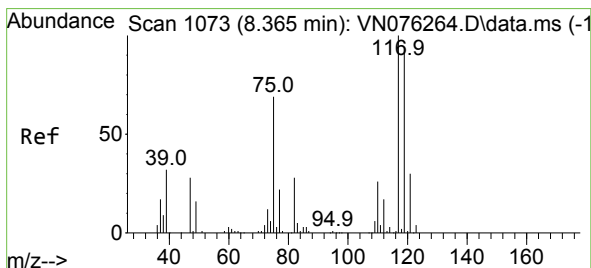
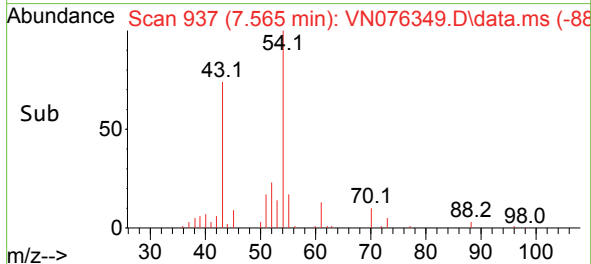
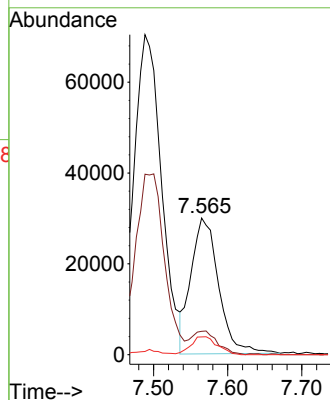
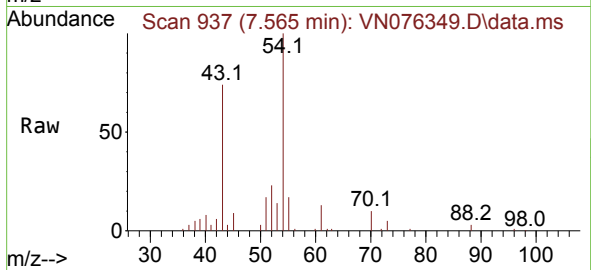




#37
Ethyl Acetate
Concen: 16.243 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

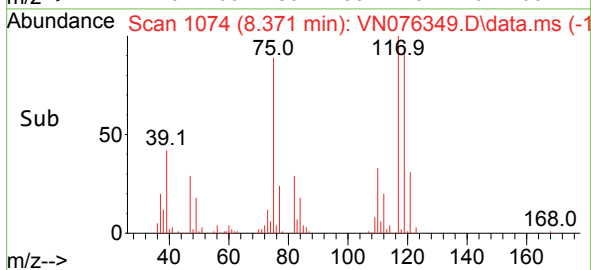
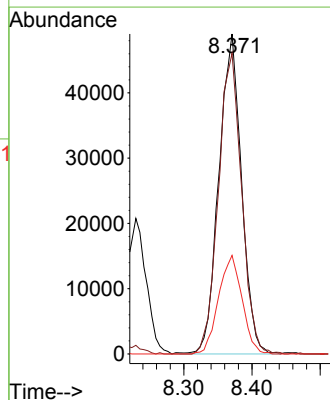
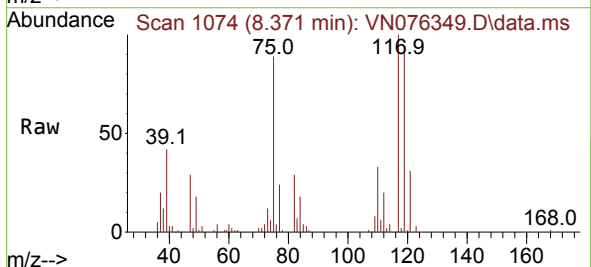
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

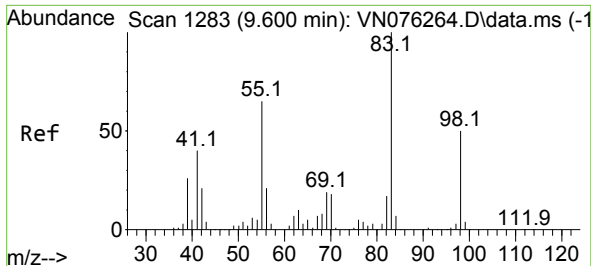
Tgt Ion: 43	Resp: 77609
Ion Ratio	Lower Upper
43 100	
61 15.1	11.1 16.7
70 12.5	10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.025 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:117	Resp:	113264	
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.0
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 17.571 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

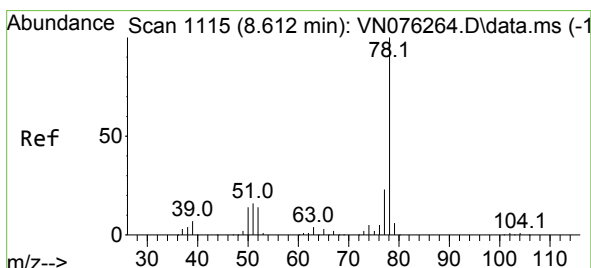
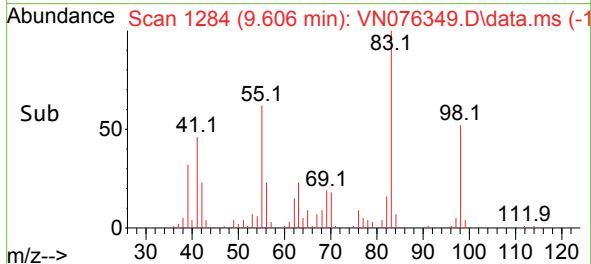
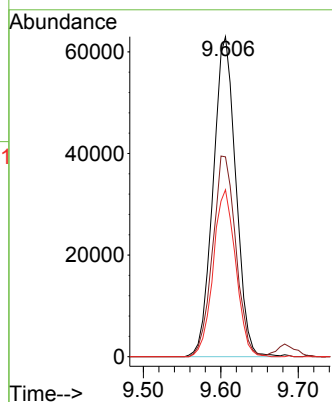
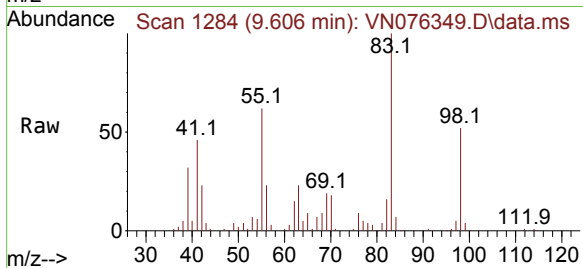
Tgt Ion: 83 Resp: 128008

Ion Ratio Lower Upper

83 100

55 62.4 51.7 77.5

98 52.2 40.0 60.0



#40

Benzene

Concen: 17.280 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076349.D

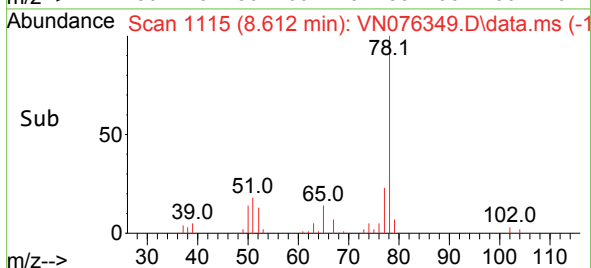
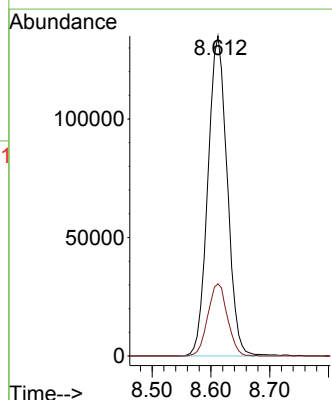
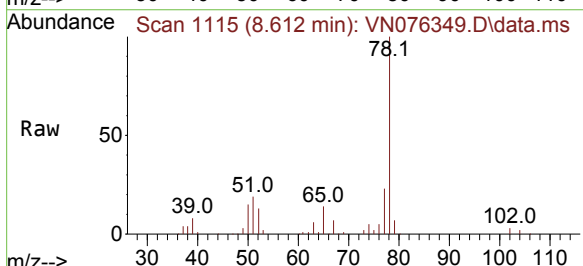
Acq: 20 Jan 2023 16:20

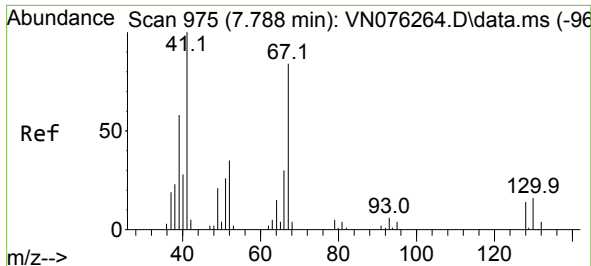
Tgt Ion: 78 Resp: 308264

Ion Ratio Lower Upper

78 100

77 22.5 18.6 28.0

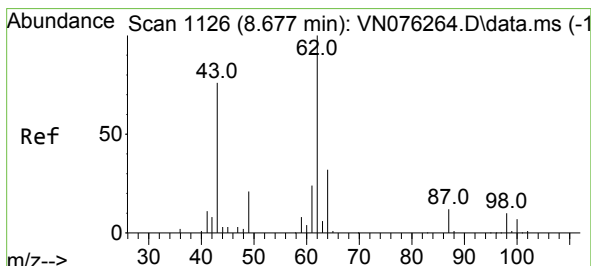
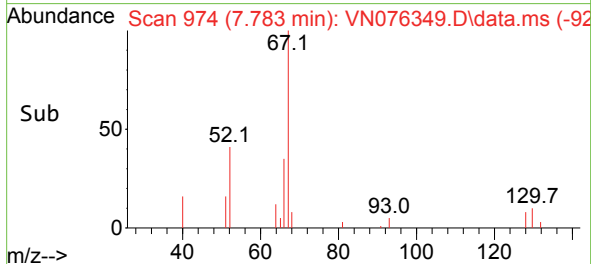
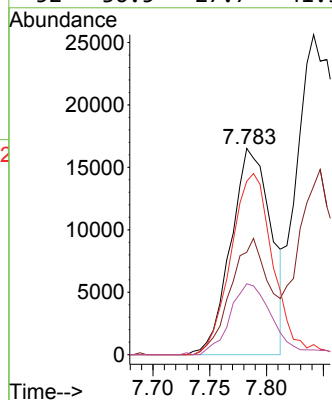
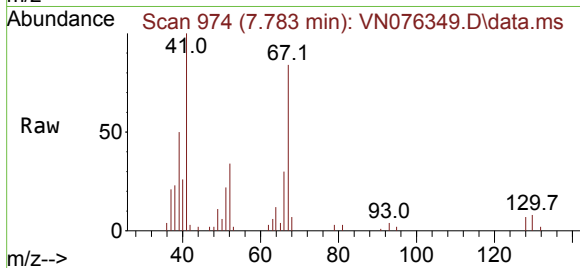




#41
Methacrylonitrile
Concen: 16.277 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

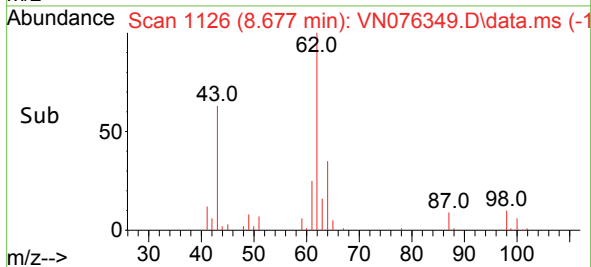
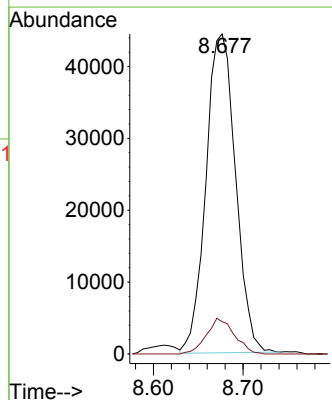
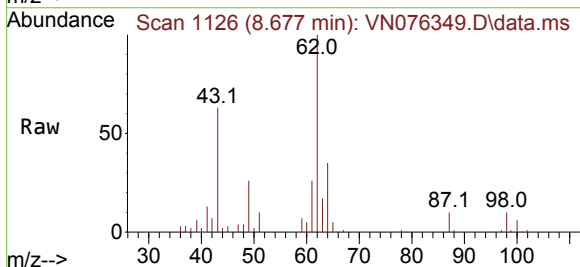
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

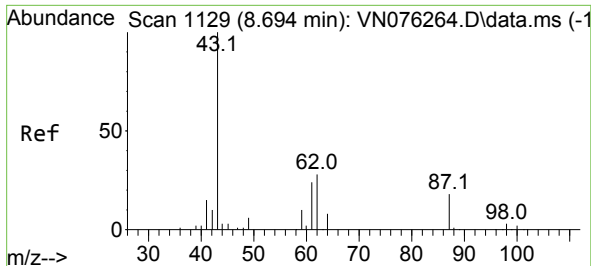
Tgt Ion: 41	Resp: 40783
Ion Ratio	Lower Upper
41 100	
39 54.9	42.4 63.6
67 91.9	68.8 103.2
52 36.5	27.7 41.5



#42
1,2-Dichloroethane
Concen: 16.660 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 62	Resp: 101688
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 20.4

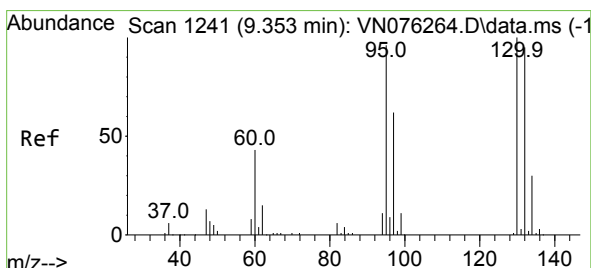
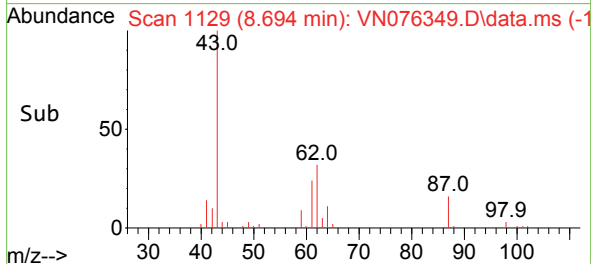
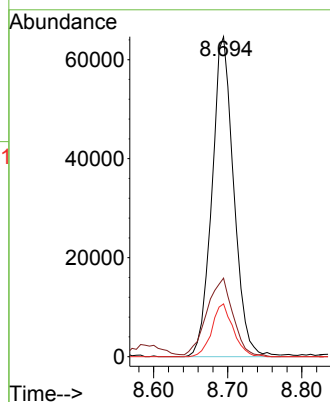
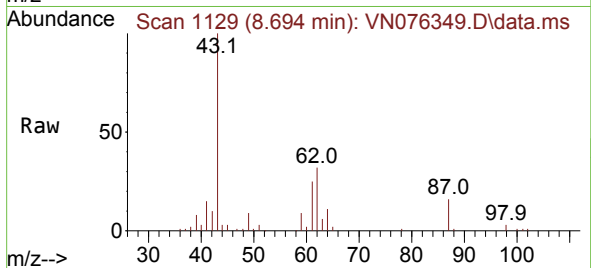




#43
Isopropyl Acetate
Concen: 16.969 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

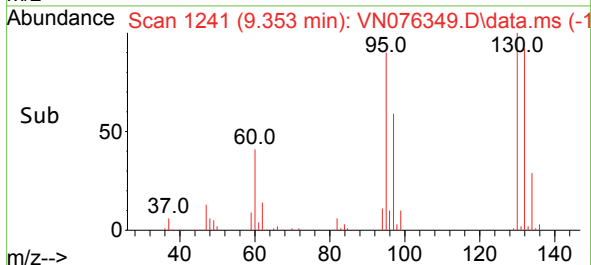
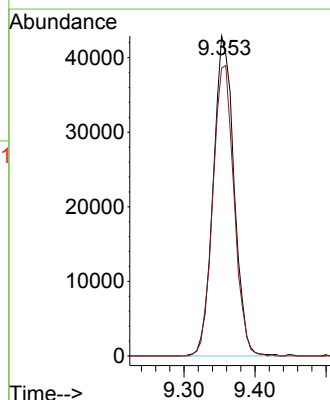
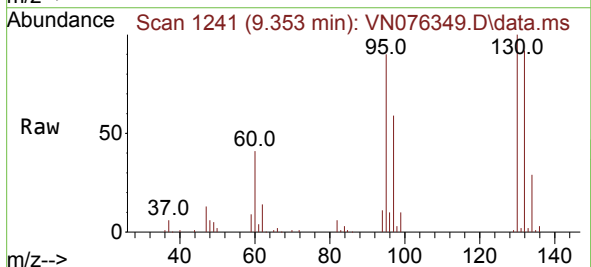
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

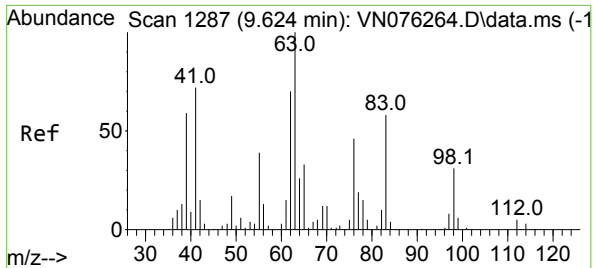
Tgt Ion: 43 Resp: 132096
Ion Ratio Lower Upper
43 100
61 29.7 23.5 35.3
87 16.2 13.8 20.6



#44
Trichloroethene
Concen: 17.227 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:130 Resp: 86916
Ion Ratio Lower Upper
130 100
95 90.0 0.0 192.0

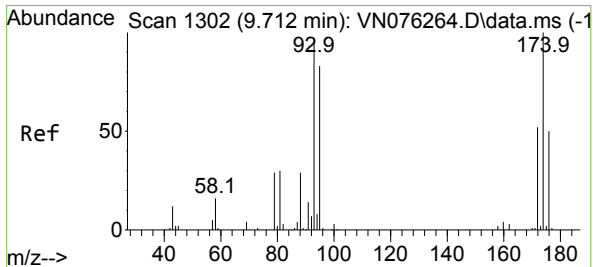
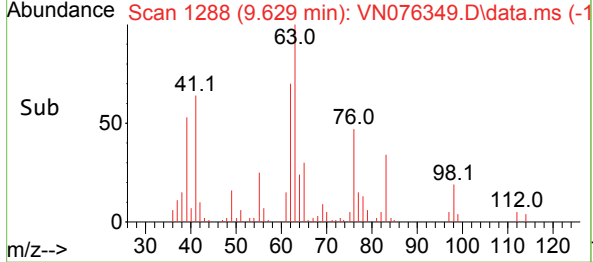
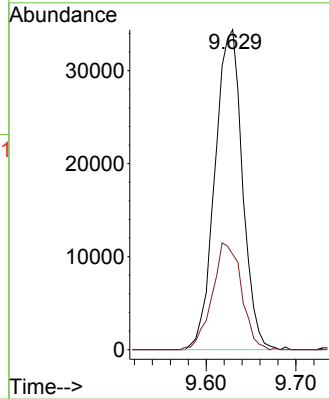
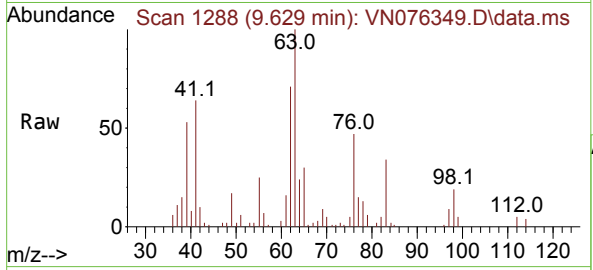




#45
1,2-Dichloropropane
Concen: 17.144 ug/l
RT: 9.629 min Scan# 1288
Delta R.T. 0.005 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

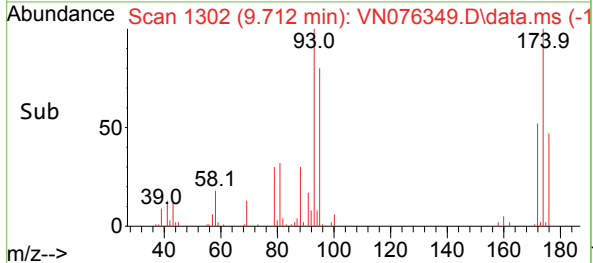
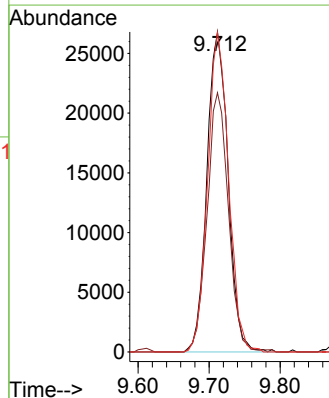
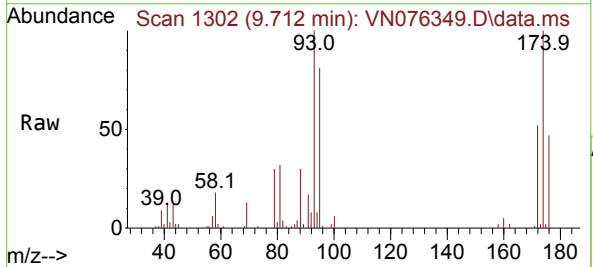
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

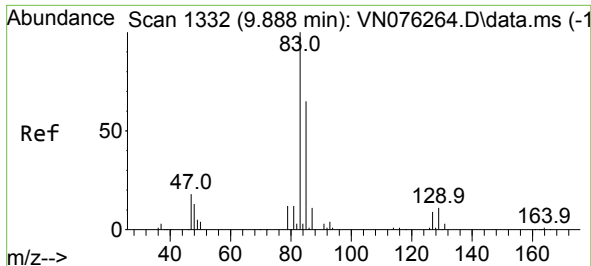
Tgt Ion: 63 Resp: 73223
Ion Ratio Lower Upper
63 100
65 29.8 26.4 39.6



#46
Dibromomethane
Concen: 17.199 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 93 Resp: 55462
Ion Ratio Lower Upper
93 100
95 81.7 66.0 99.0
174 98.9 81.3 121.9

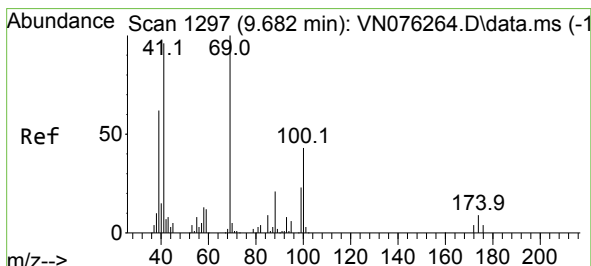
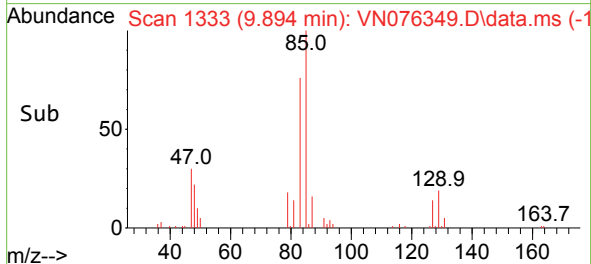
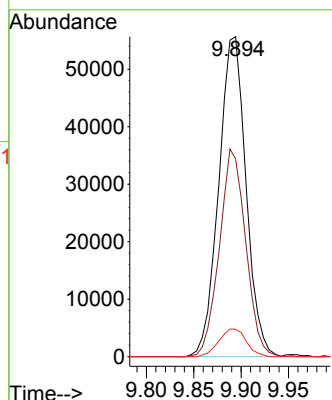
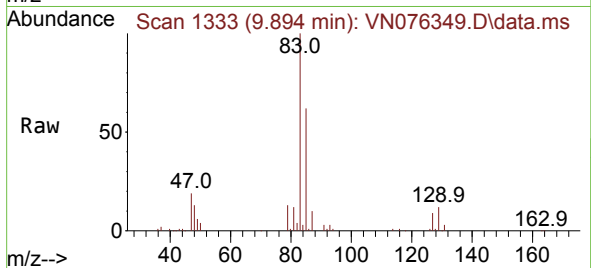




#47
Bromodichloromethane
Concen: 17.801 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

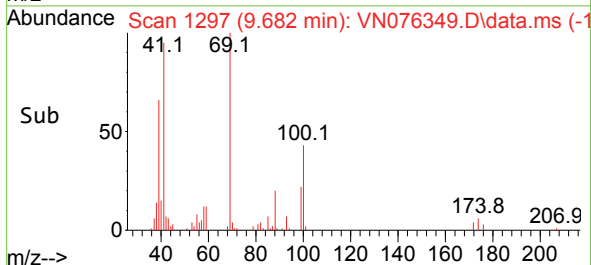
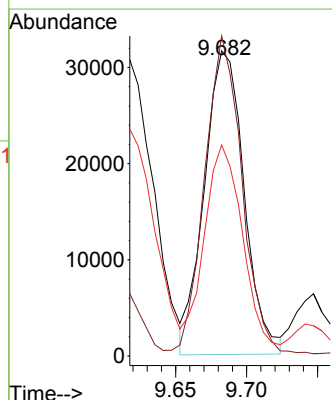
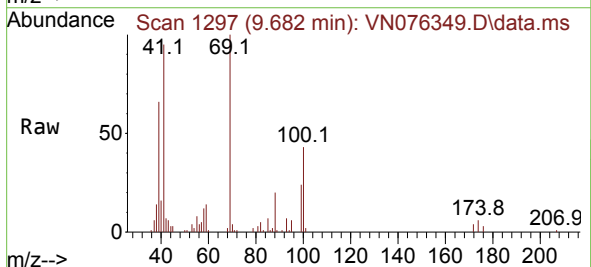
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

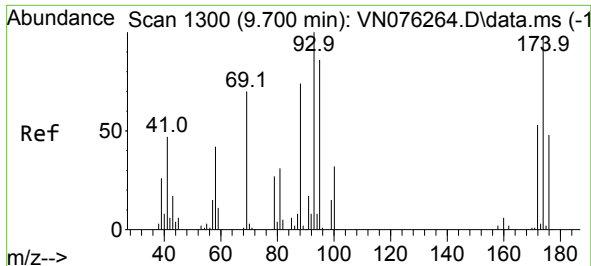
Tgt Ion: 83 Resp: 111333
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 16.726 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 41 Resp: 61640
Ion Ratio Lower Upper
41 100
69 100.5 80.8 121.2
39 68.8 54.4 81.6





#49

1,4-Dioxane

Concen: 341.784 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

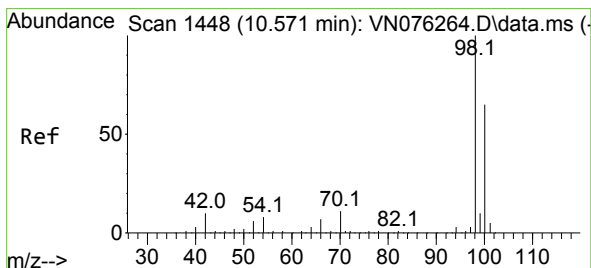
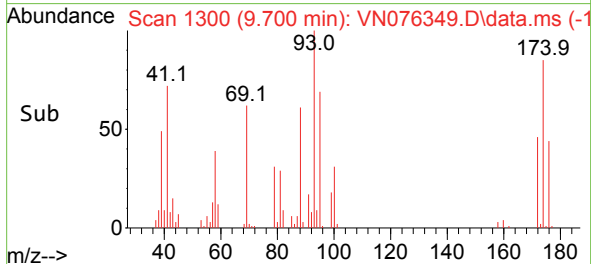
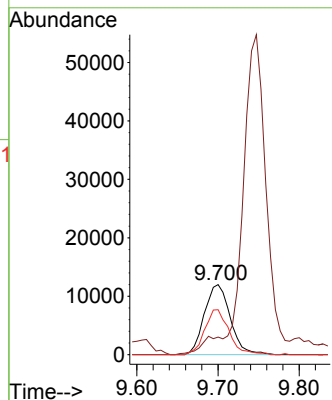
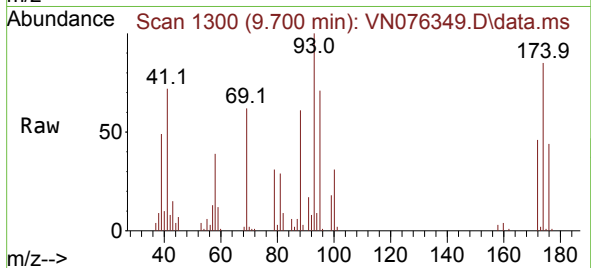
Tgt Ion: 88 Resp: 26578

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 60.5 46.5 69.7



#50

Toluene-d8

Concen: 48.491 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076349.D

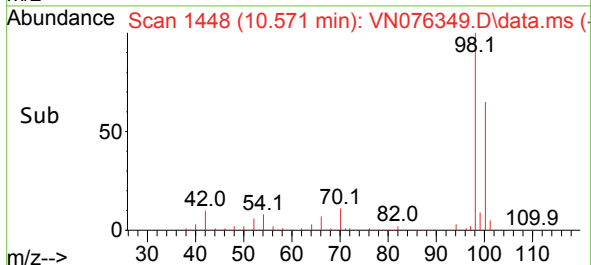
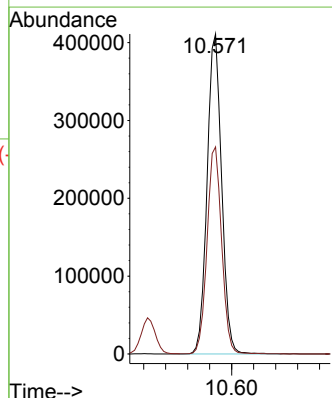
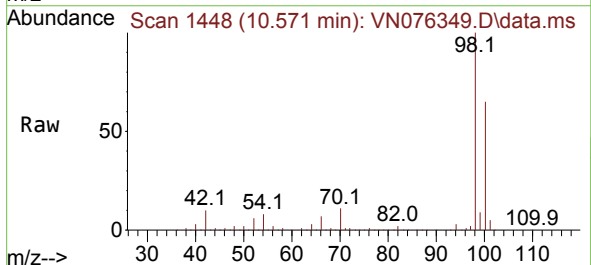
Acq: 20 Jan 2023 16:20

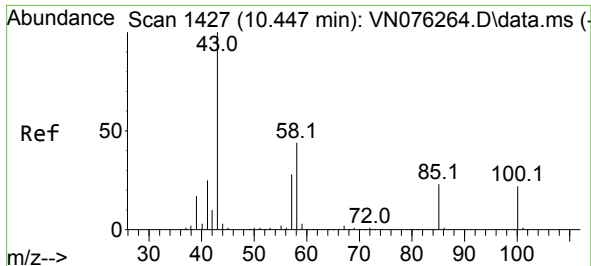
Tgt Ion: 98 Resp: 751874

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

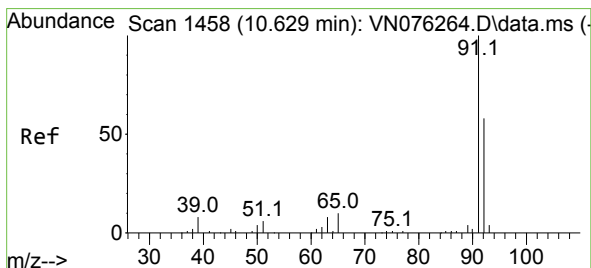
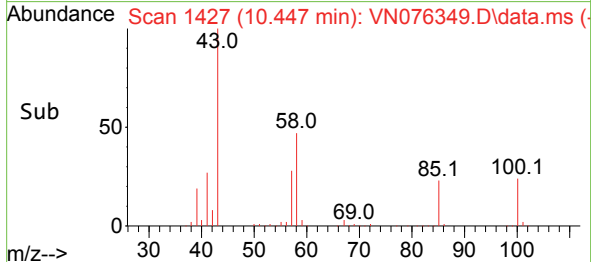
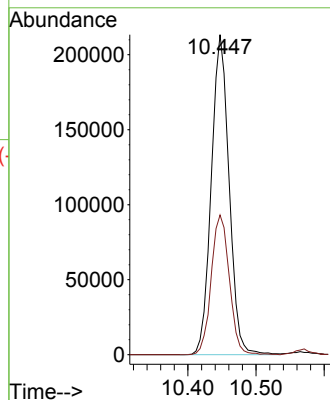
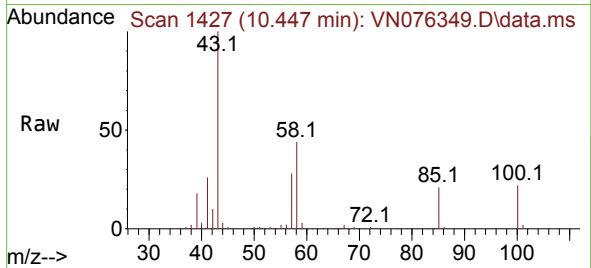




#51
4-Methyl-2-Pentanone
Concen: 84.761 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

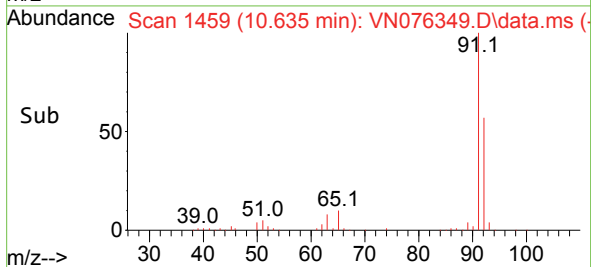
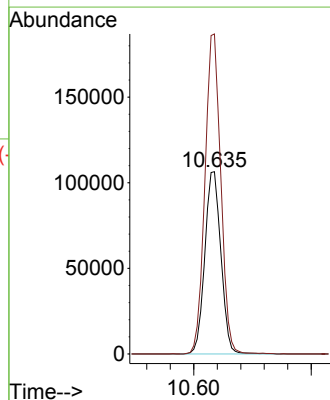
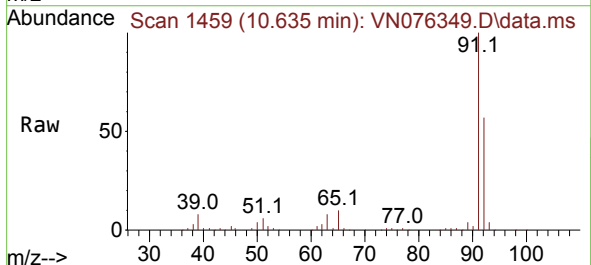
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

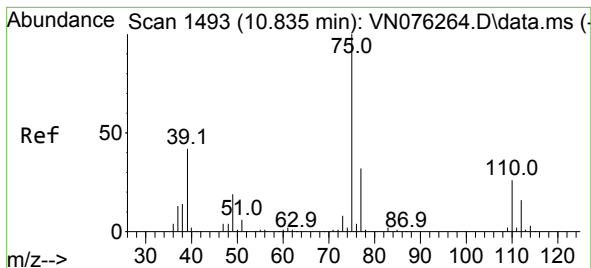
Tgt Ion: 43 Resp: 387341
Ion Ratio Lower Upper
43 100
58 44.4 35.1 52.7



#52
Toluene
Concen: 16.922 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 92 Resp: 201866
Ion Ratio Lower Upper
92 100
91 172.9 136.6 205.0

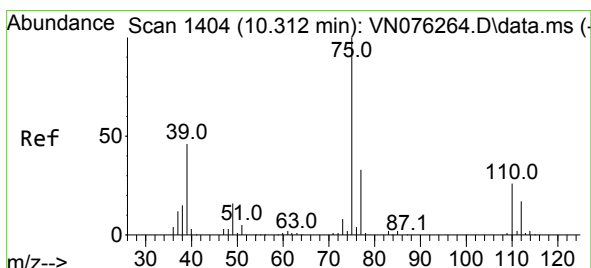
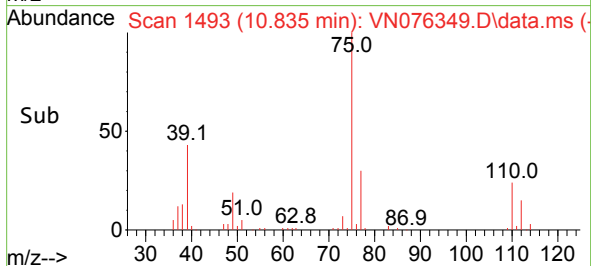
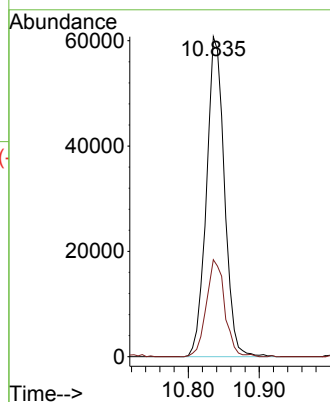
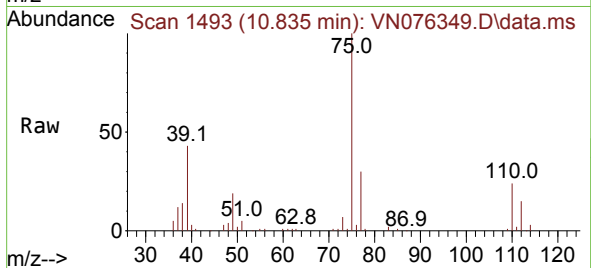




#53
 t-1,3-Dichloropropene
 Concen: 17.954 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

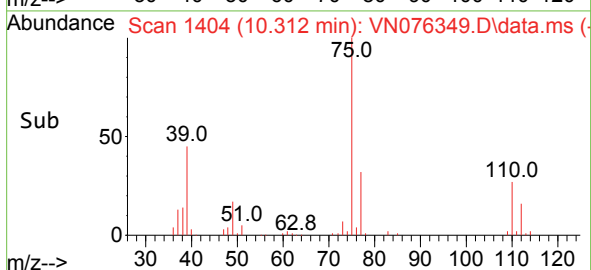
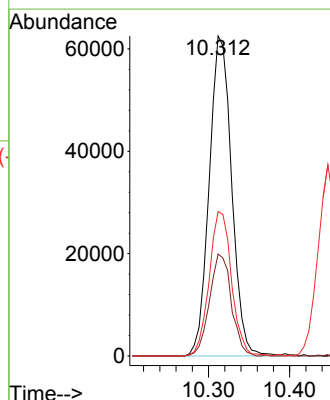
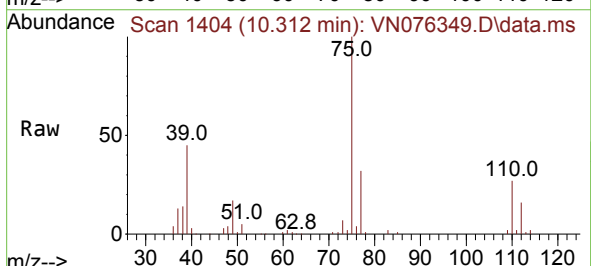
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

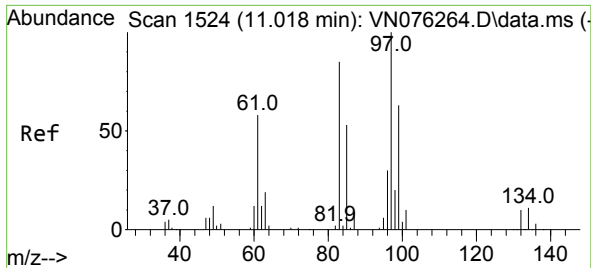
Tgt Ion: 75 Resp: 107042
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.482 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion: 75 Resp: 119914
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.5 39.7
 39 45.1 37.1 55.7

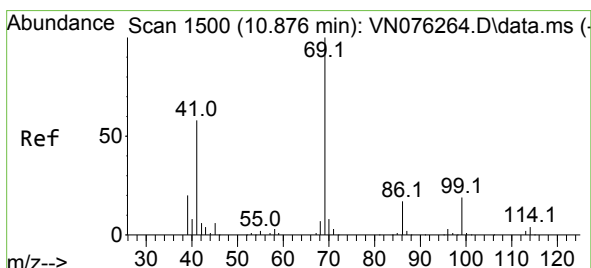
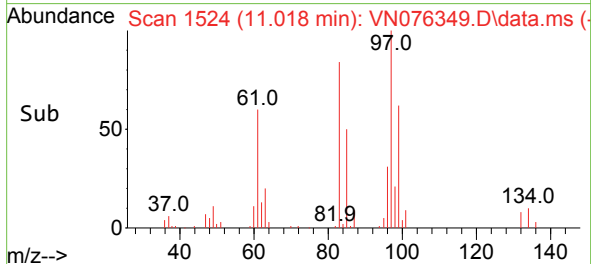
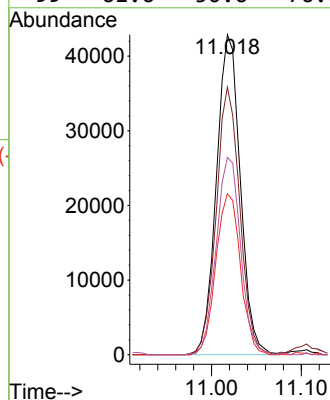
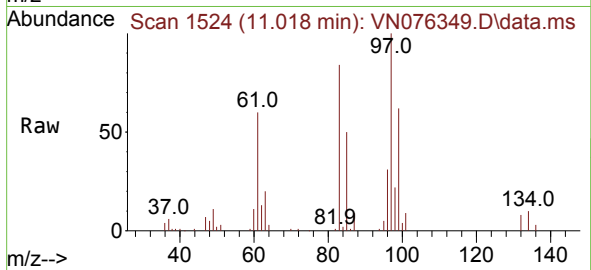




#55
 1,1,2-Trichloroethane
 Concen: 17.400 ug/l
 RT: 11.018 min Scan# 1100
 Delta R.T. -0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

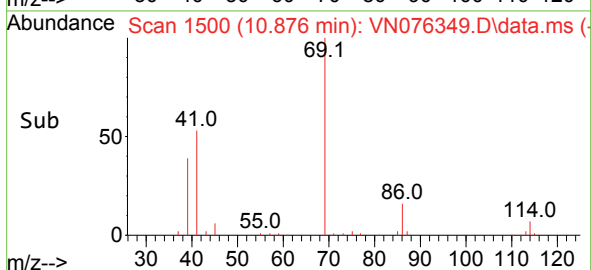
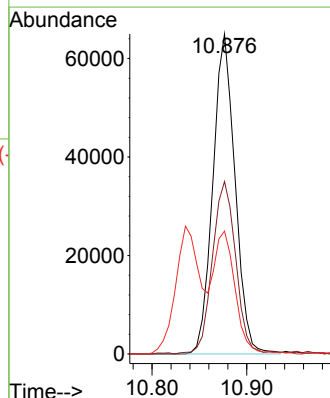
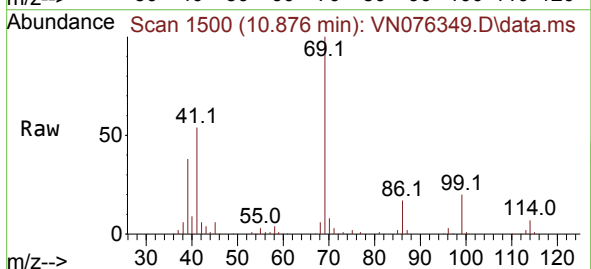
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

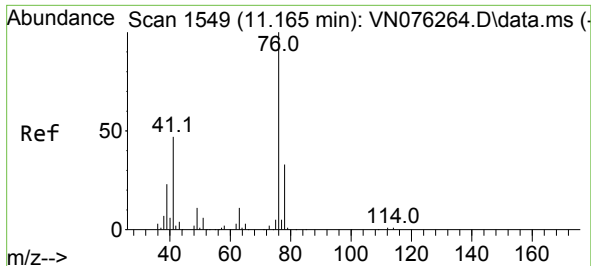
Tgt Ion:	97	Resp:	79342
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	50.3	42.3	63.5
99	61.6	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 17.994 ug/l
 RT: 10.876 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion:	69	Resp:	105928
Ion	Ratio	Lower	Upper
69	100		
41	57.0	45.3	67.9
39	36.7	29.3	43.9





#57

1,3-Dichloropropane

Concen: 17.295 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

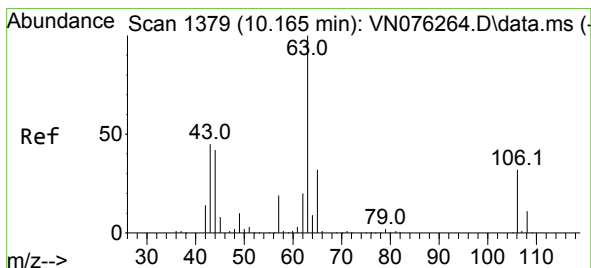
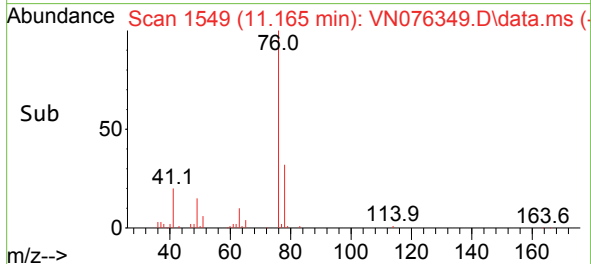
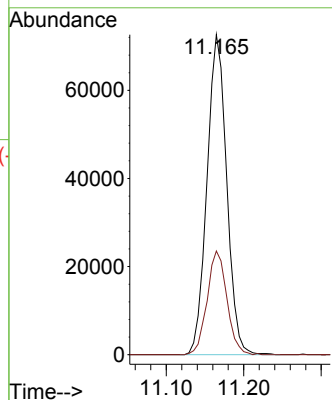
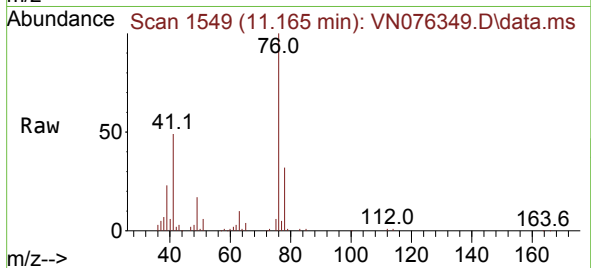
VN0120MBS01

Tgt Ion: 76 Resp: 128161

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 64.581 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076349.D

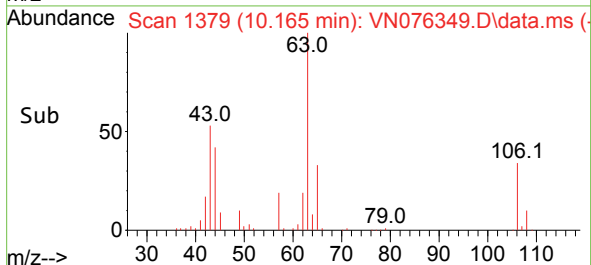
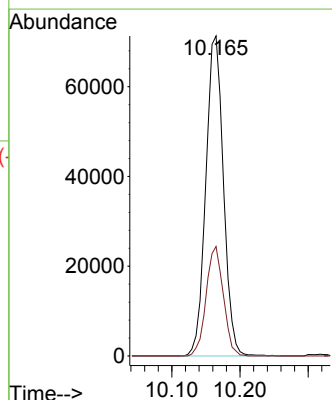
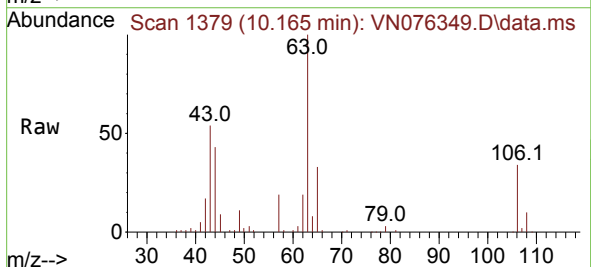
Acq: 20 Jan 2023 16:20

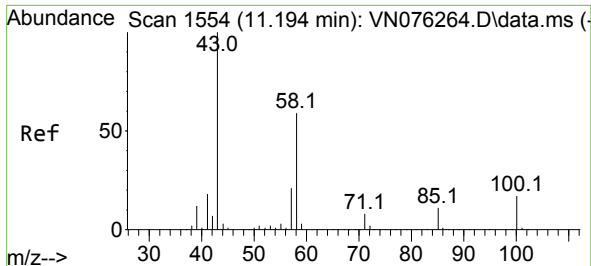
Tgt Ion: 63 Resp: 128347

Ion Ratio Lower Upper

63 100

106 33.4 26.2 39.2

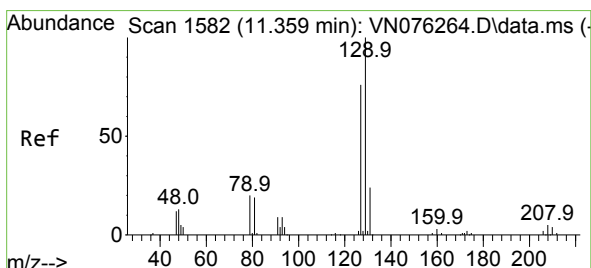
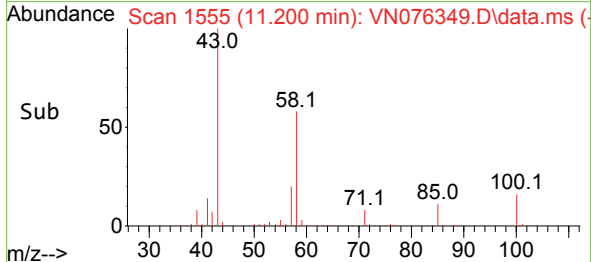
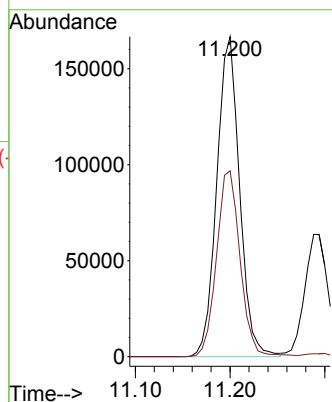
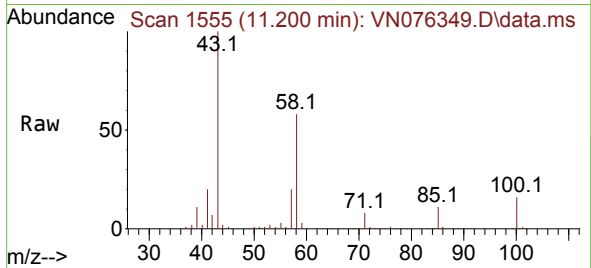




#59
2-Hexanone
Concen: 84.176 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

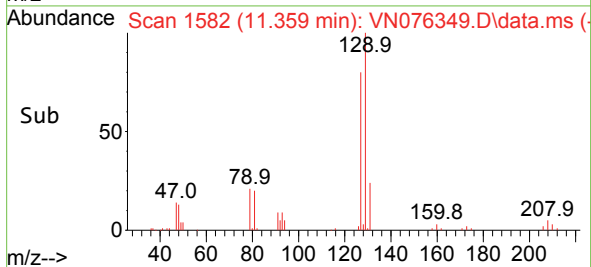
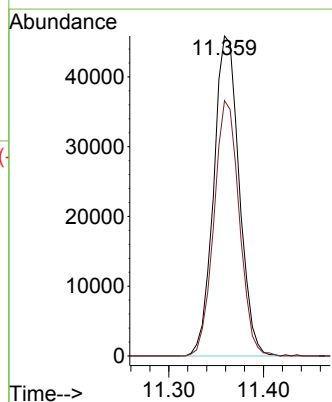
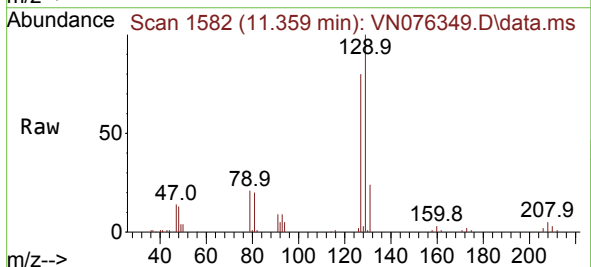
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

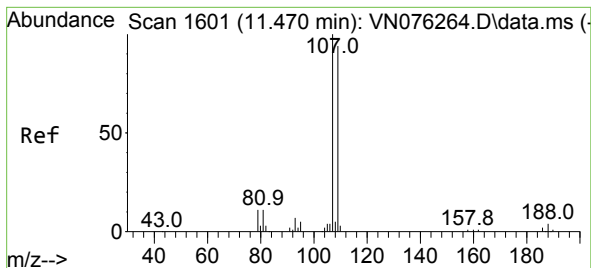
Tgt Ion: 43 Resp: 278752
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.3



#60
Dibromochloromethane
Concen: 17.881 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 129 Resp: 85833
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

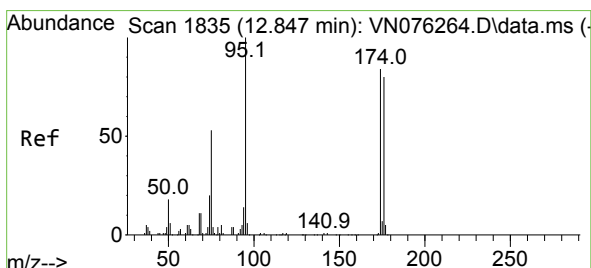
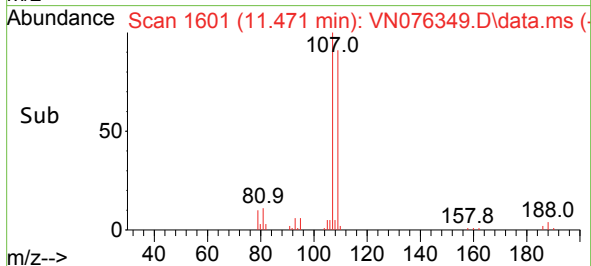
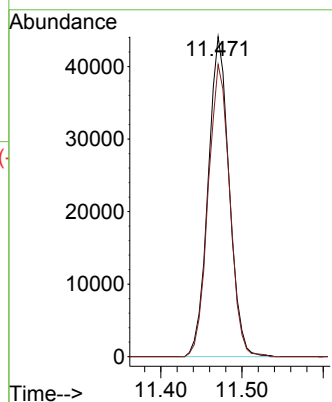
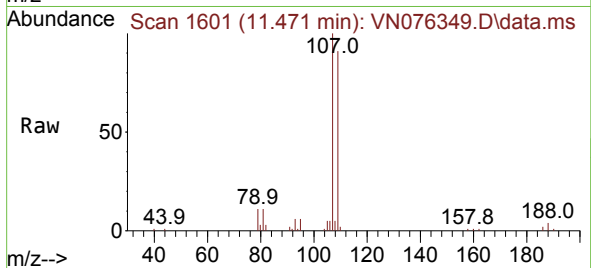




#61
1,2-Dibromoethane
Concen: 17.473 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

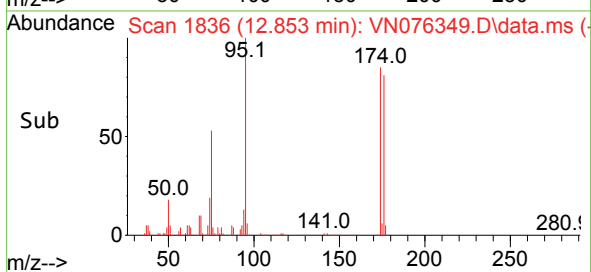
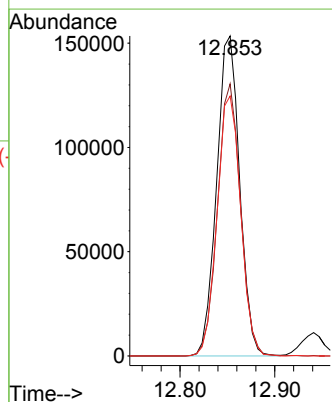
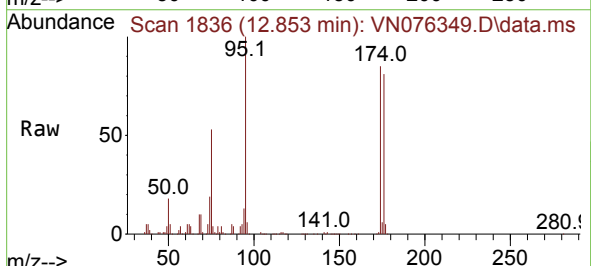
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

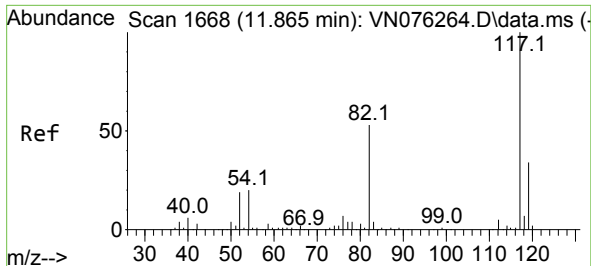
Tgt Ion:107 Resp: 79527
Ion Ratio Lower Upper
107 100
109 93.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 51.286 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 95 Resp: 259597
Ion Ratio Lower Upper
95 100
174 84.7 0.0 174.6
176 83.2 0.0 167.8

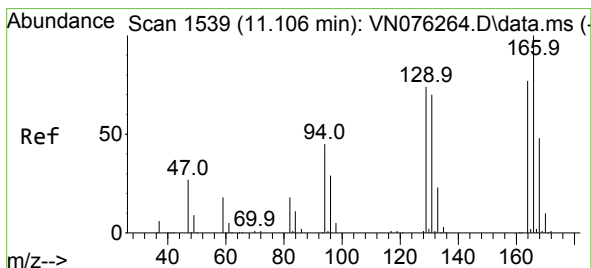
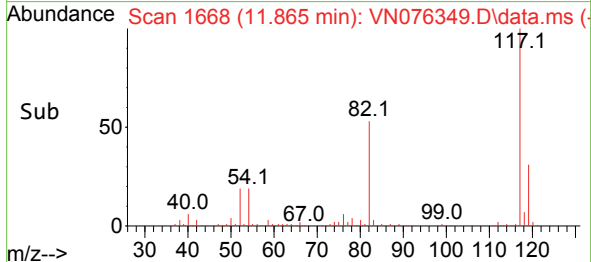
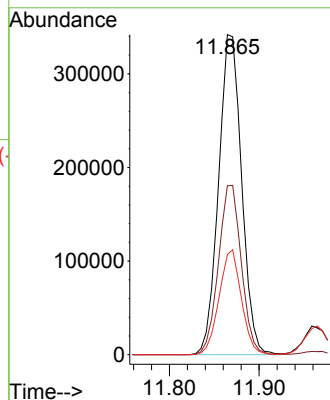
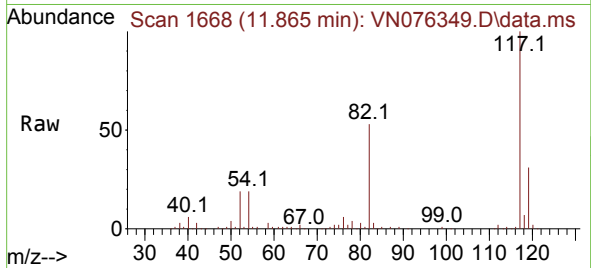




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

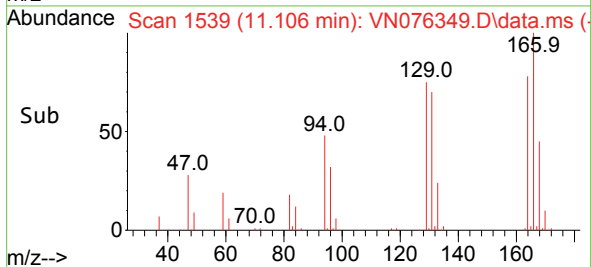
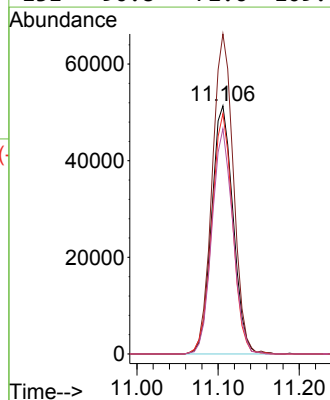
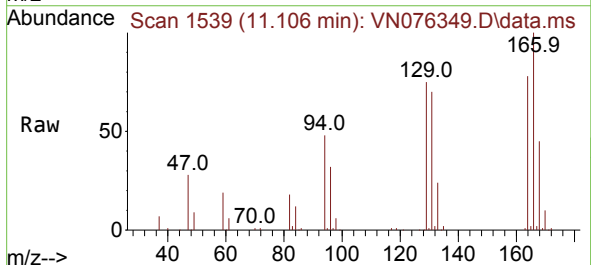
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

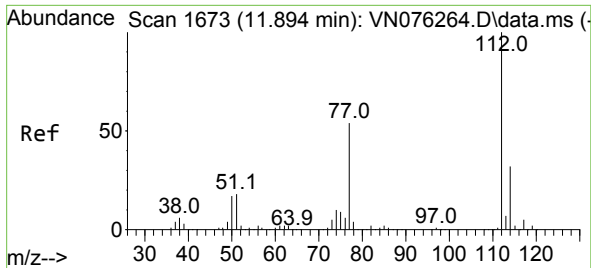
Tgt Ion:117 Resp: 610291
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 31.3 26.9 40.3



#64
Tetrachloroethene
Concen: 17.141 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:164 Resp: 94338
Ion Ratio Lower Upper
164 100
166 129.0 104.0 156.0
129 96.9 76.6 114.8
131 90.8 72.6 109.0

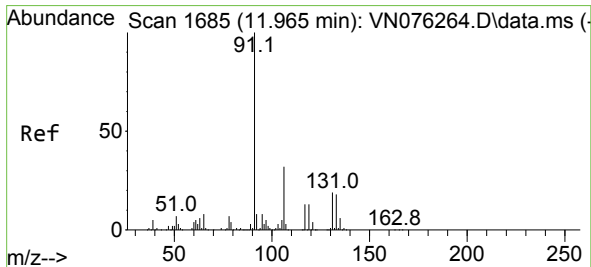
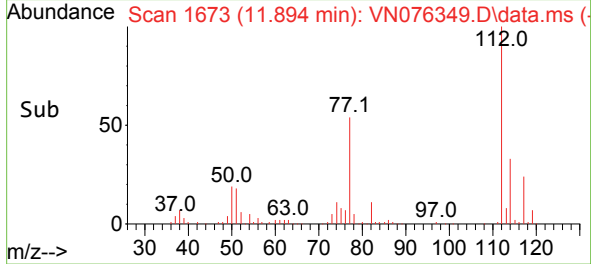
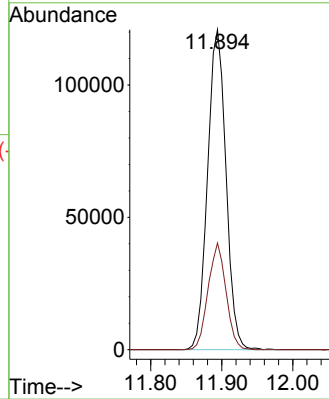
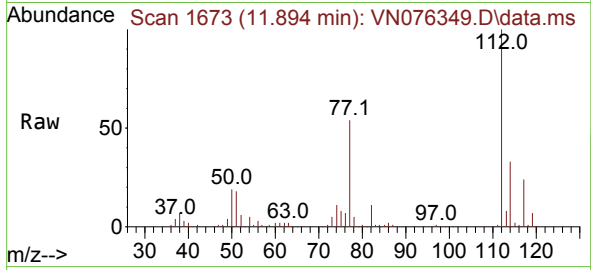




#65
Chlorobenzene
Concen: 16.884 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

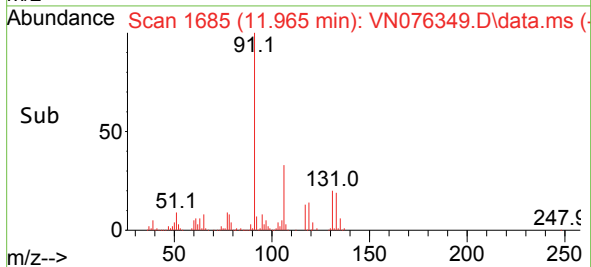
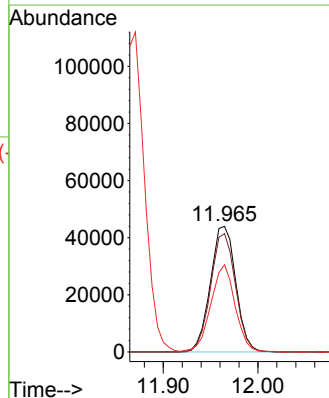
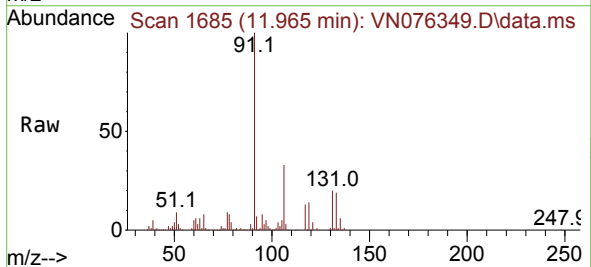
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

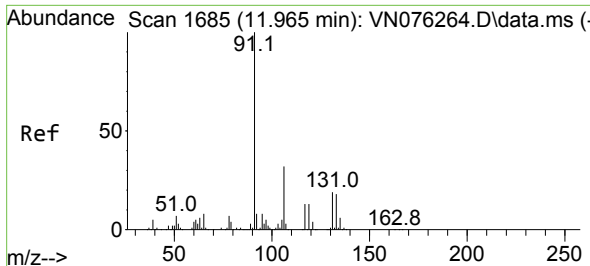
Tgt Ion:112 Resp: 217810
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.085 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:131 Resp: 82007
Ion Ratio Lower Upper
131 100
133 92.4 47.4 142.2
119 66.5 32.3 96.8

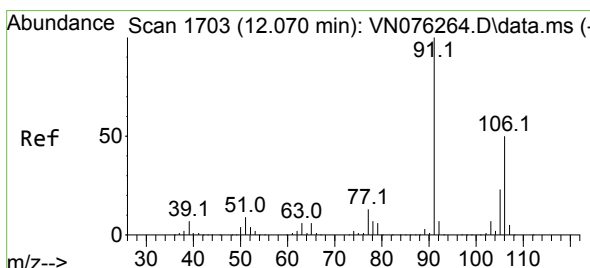
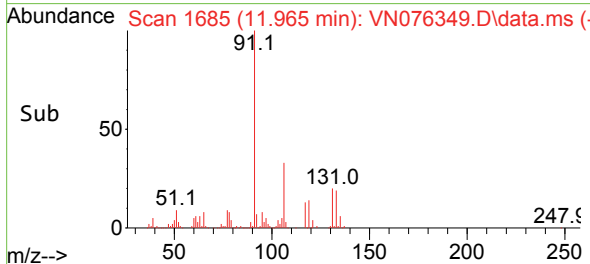
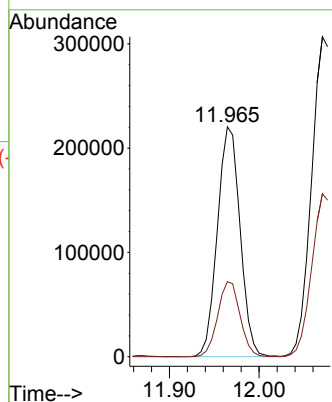
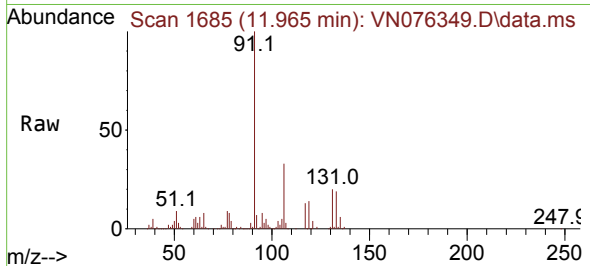




#67
Ethyl Benzene
Concen: 17.548 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

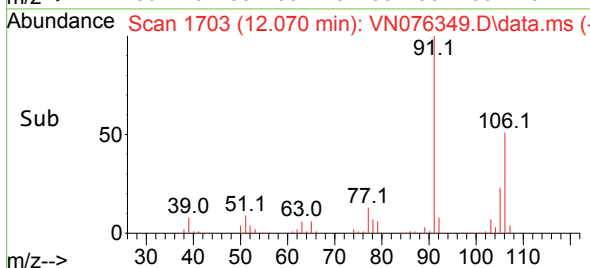
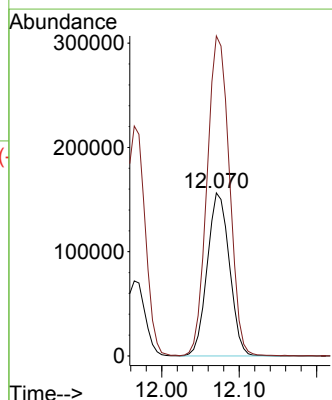
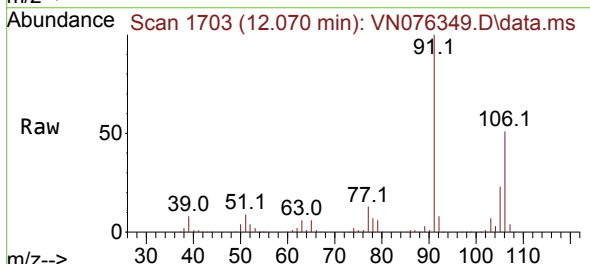
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

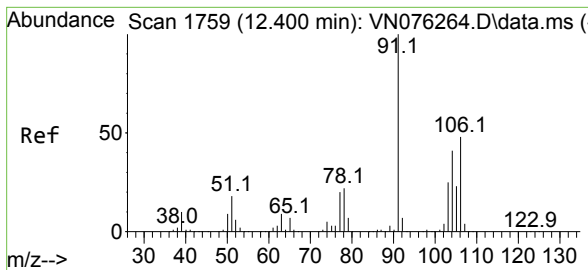
Tgt Ion: 91 Resp: 387449
Ion Ratio Lower Upper
91 100
106 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 35.121 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:106 Resp: 310946
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3

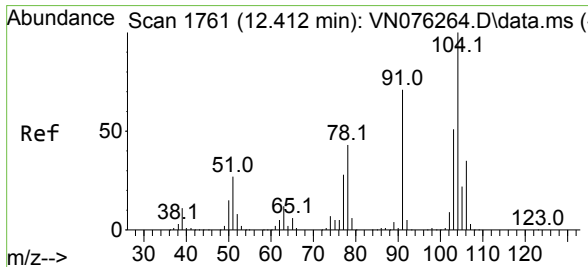
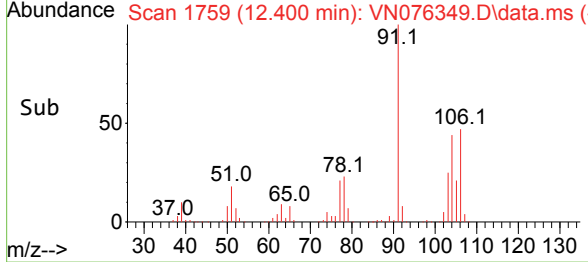
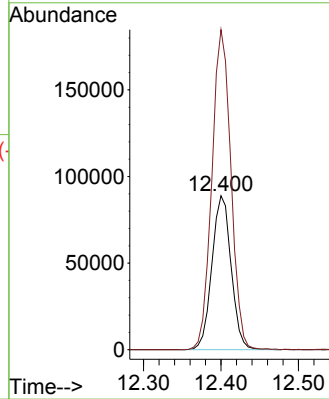
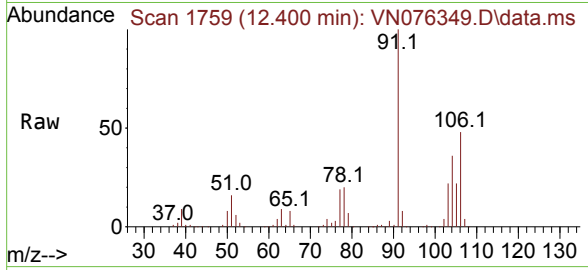




#69
o-Xylene
Concen: 17.575 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

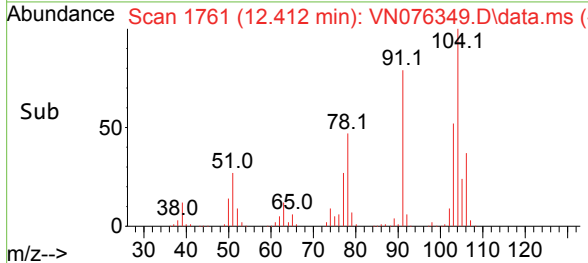
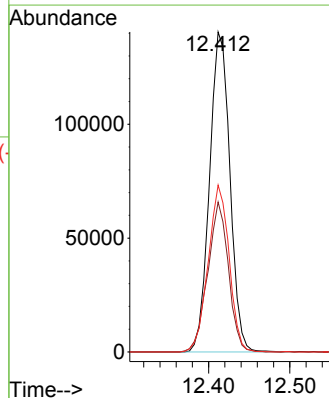
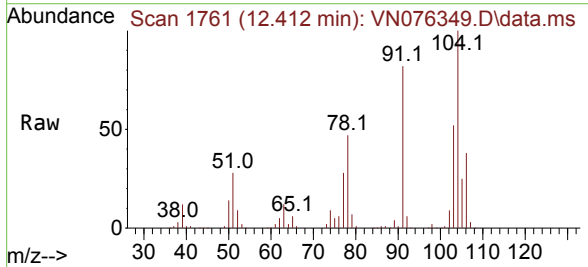
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

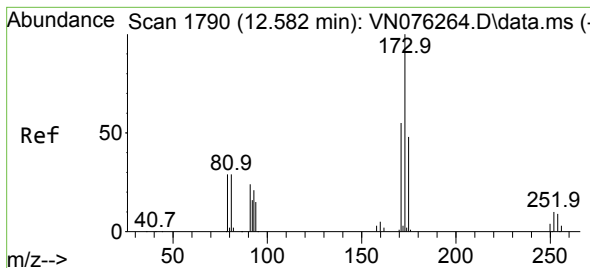
Tgt Ion:106 Resp: 152810
Ion Ratio Lower Upper
106 100
91 206.8 103.2 309.4



#70
Styrene
Concen: 17.650 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion:104 Resp: 245020
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 53.7 44.2 66.2





#71

Bromoform

Concen: 17.195 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

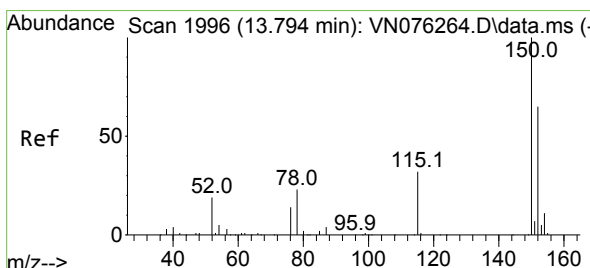
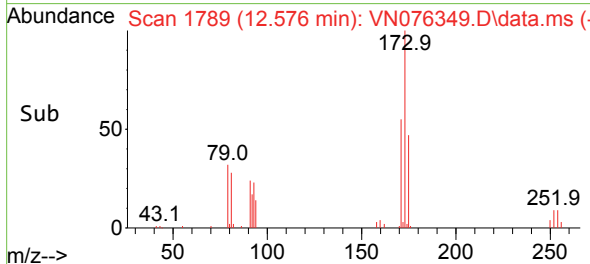
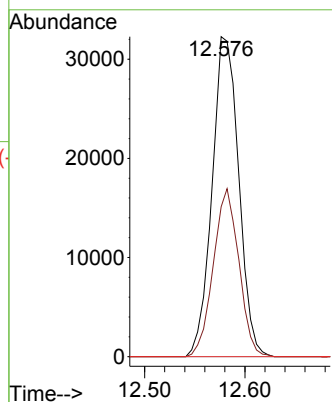
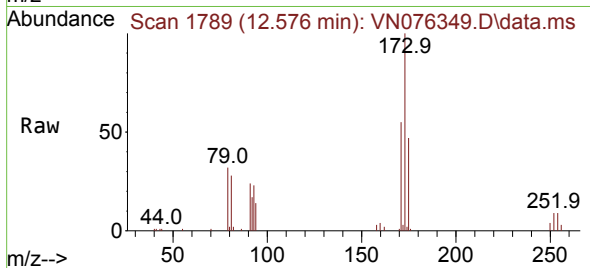
Tgt Ion:173 Resp: 59603

Ion Ratio Lower Upper

173 100

175 50.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

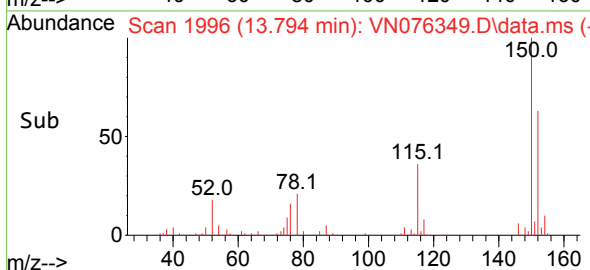
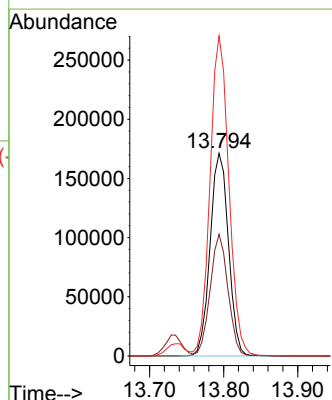
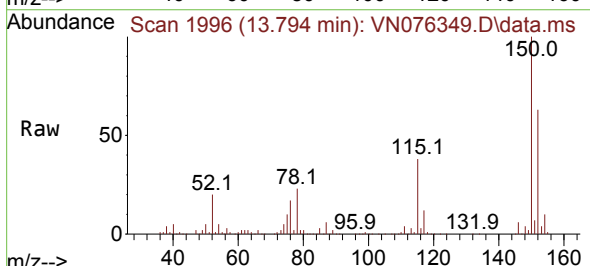
Tgt Ion:152 Resp: 294327

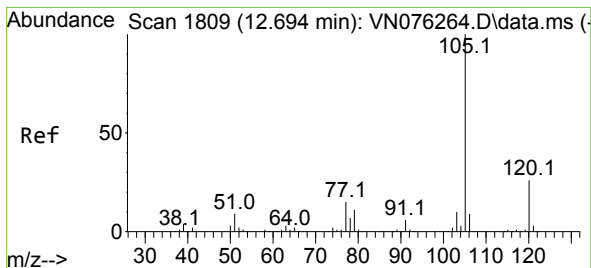
Ion Ratio Lower Upper

152 100

115 58.3 29.6 88.9

150 161.5 0.0 351.4





#73

Isopropylbenzene

Concen: 17.377 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

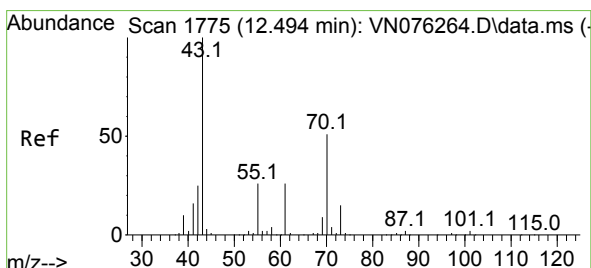
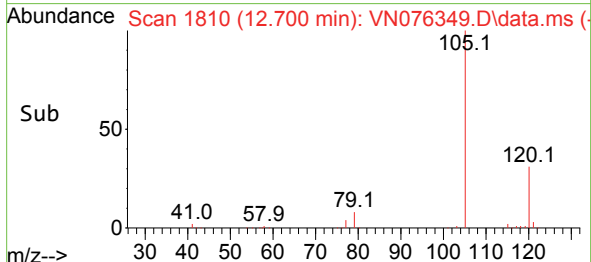
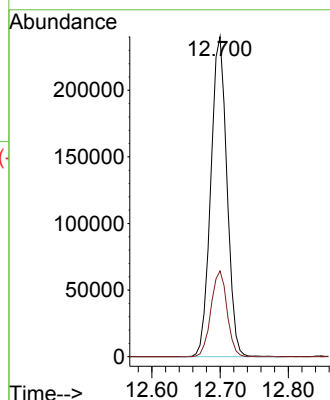
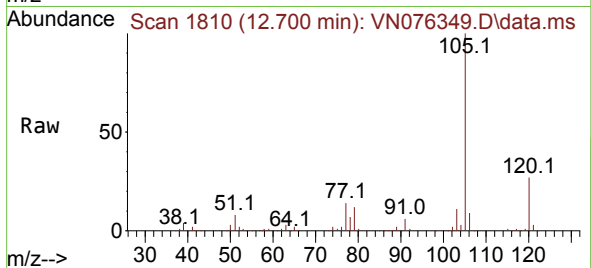
VN0120MBS01

Tgt Ion:105 Resp: 395656

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 16.070 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Tgt Ion: 43 Resp: 105253

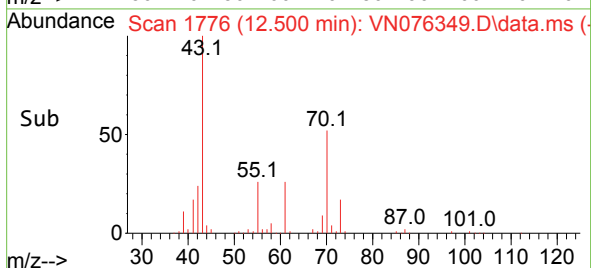
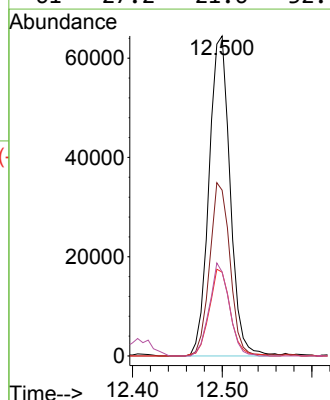
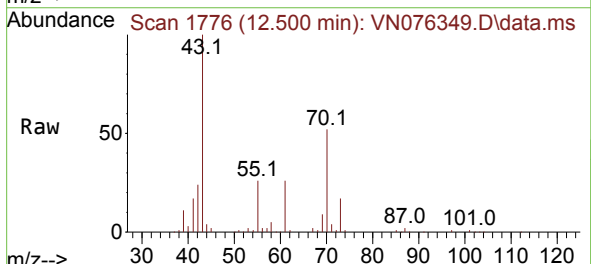
Ion Ratio Lower Upper

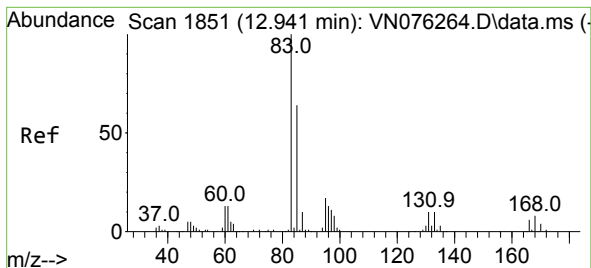
43 100

70 52.0 41.2 61.8

55 27.0 21.0 31.6

61 27.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 15.957 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

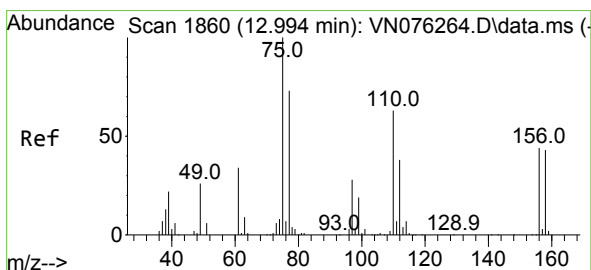
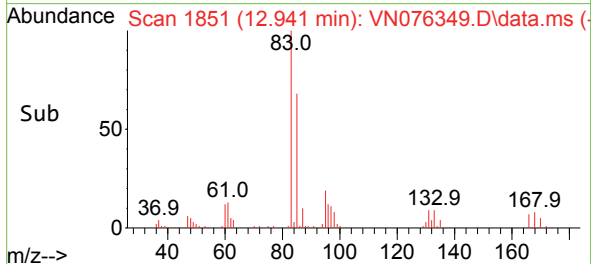
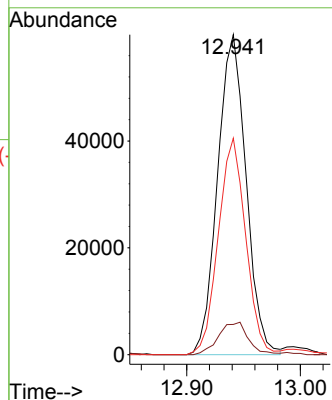
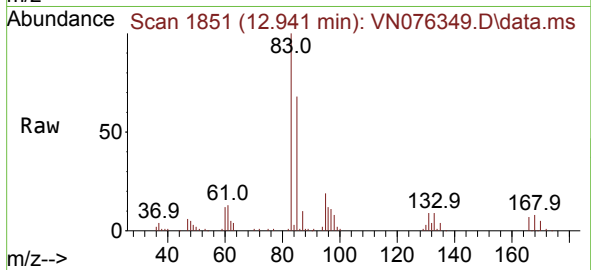
Tgt Ion: 83 Resp: 104445

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

85 65.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 23.506 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076349.D

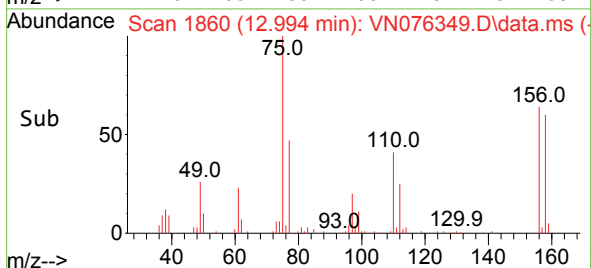
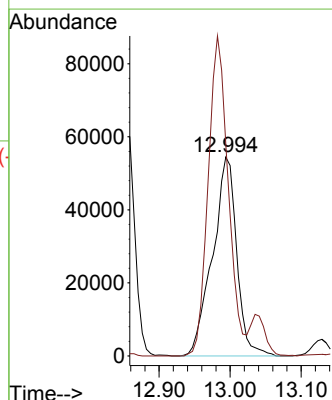
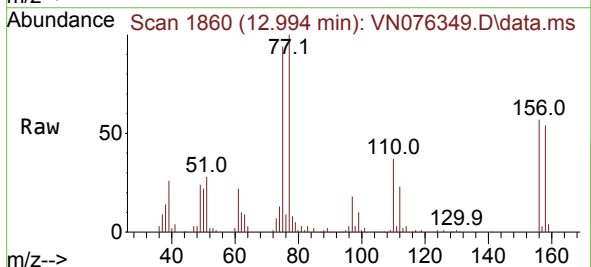
Acq: 20 Jan 2023 16:20

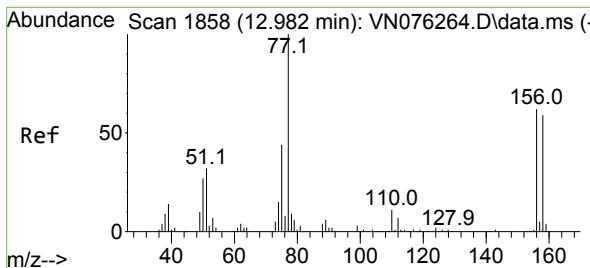
Tgt Ion: 75 Resp: 128731

Ion Ratio Lower Upper

75 100

77 134.1 75.2 225.6





#77

Bromobenzene

Concen: 17.457 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

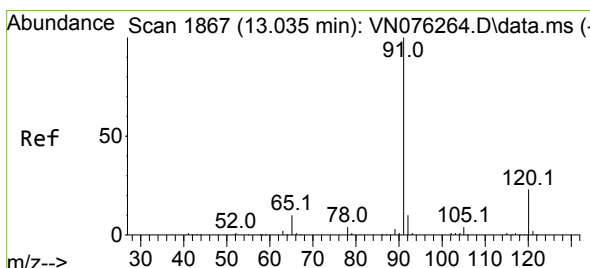
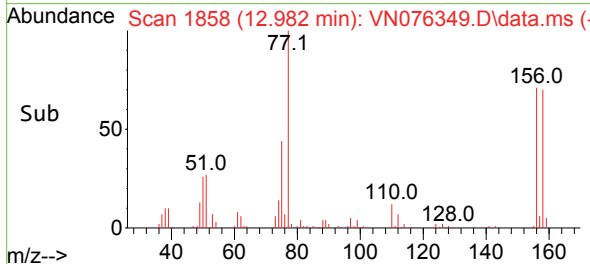
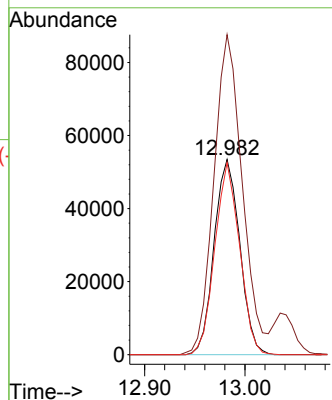
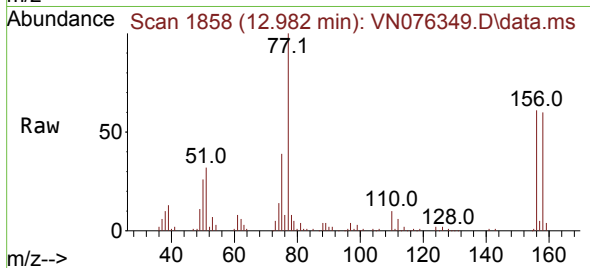
Tgt Ion:156 Resp: 94873

Ion Ratio Lower Upper

156 100

77 182.0 93.4 280.2

158 95.1 48.4 145.2



#78

n-propylbenzene

Concen: 17.547 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076349.D

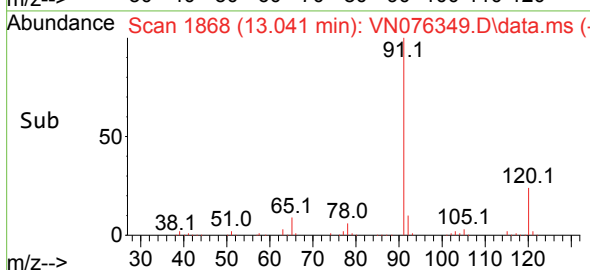
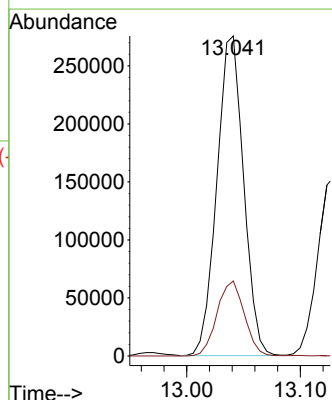
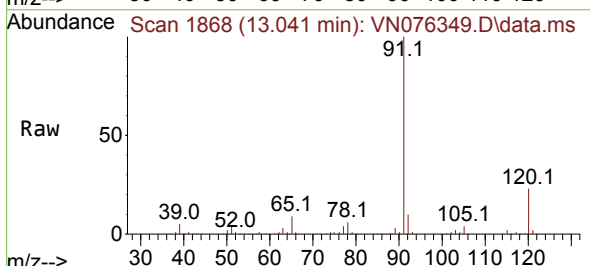
Acq: 20 Jan 2023 16:20

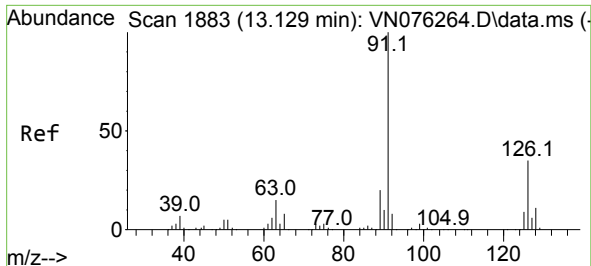
Tgt Ion: 91 Resp: 450807

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

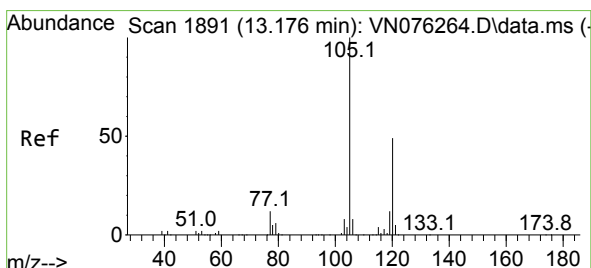
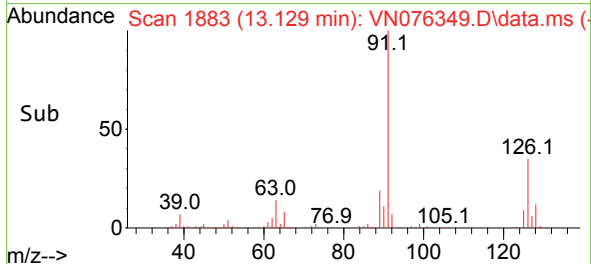
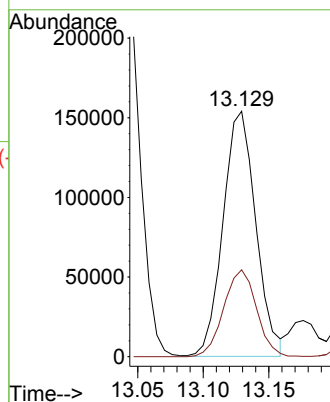
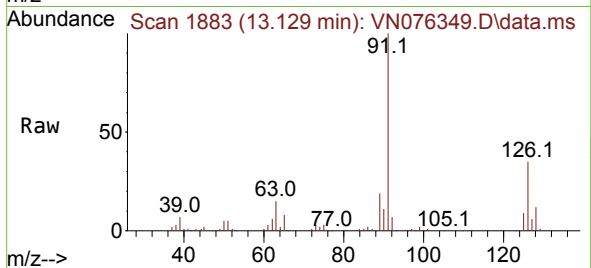




#79
2-Chlorotoluene
Concen: 16.976 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

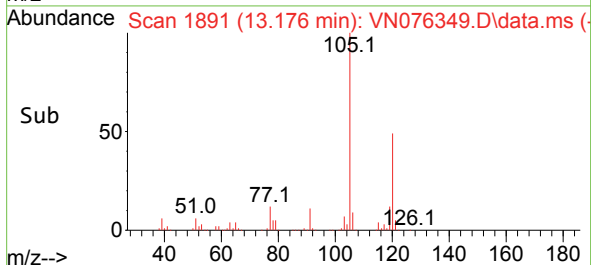
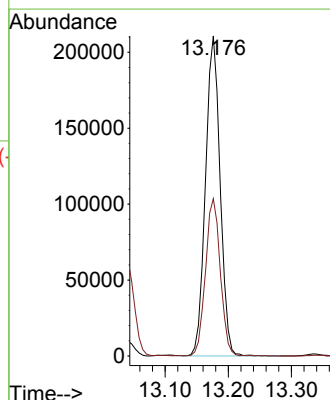
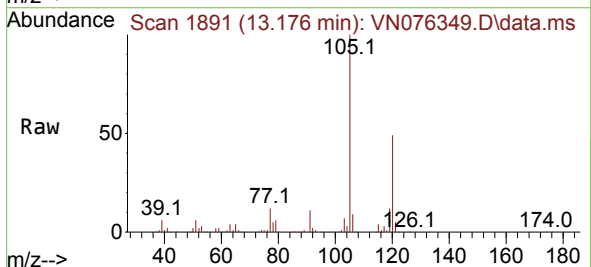
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

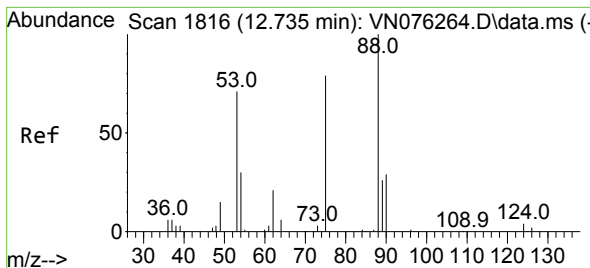
Tgt Ion: 91 Resp: 267622
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 17.807 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 105 Resp: 339680
Ion Ratio Lower Upper
105 100
120 49.7 25.0 75.0

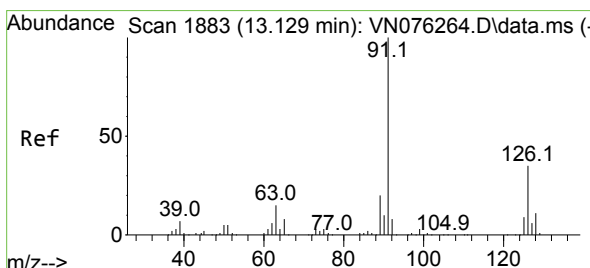
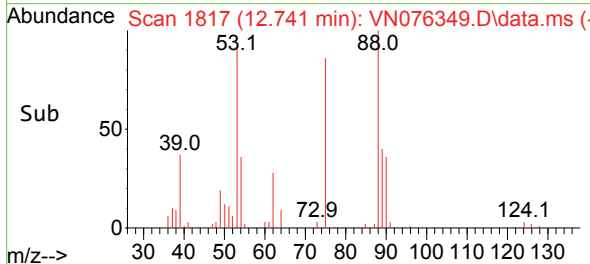
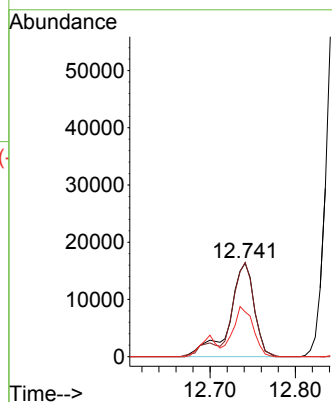
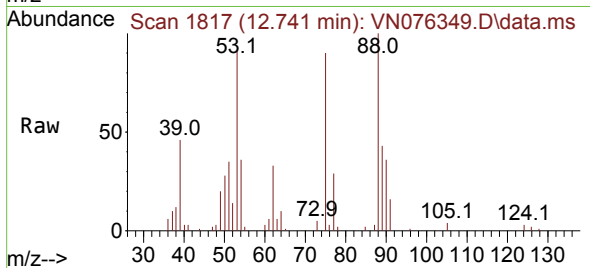




#81
trans-1,4-Dichloro-2-butene
Concen: 18.592 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

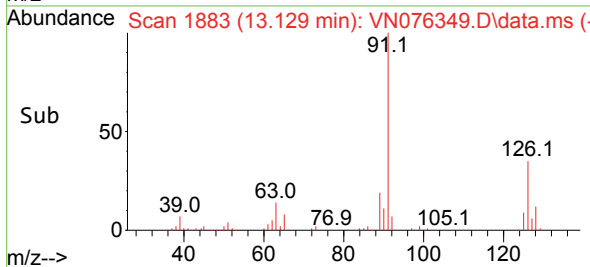
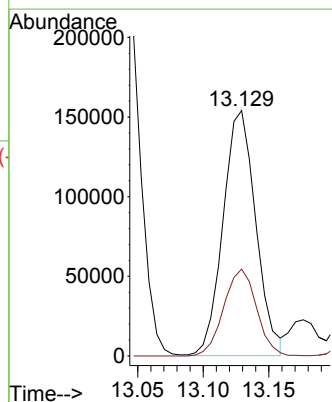
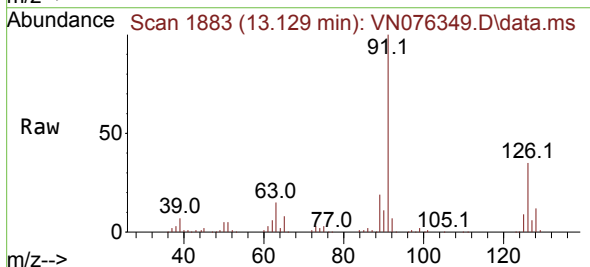
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

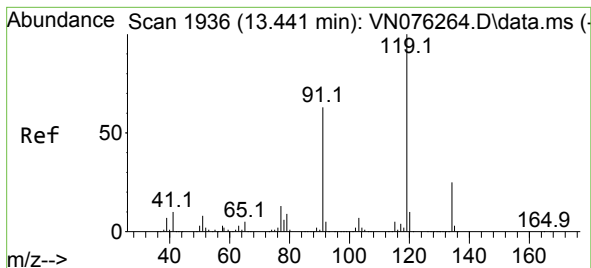
Tgt Ion: 75 Resp: 32889
Ion Ratio Lower Upper
75 100
53 84.5 75.8 113.8
89 44.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 16.976 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 91 Resp: 267622
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2





#83

tert-Butylbenzene

Concen: 17.687 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

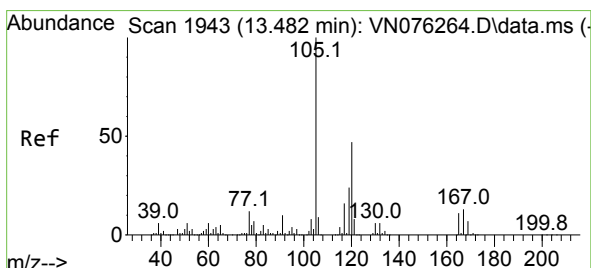
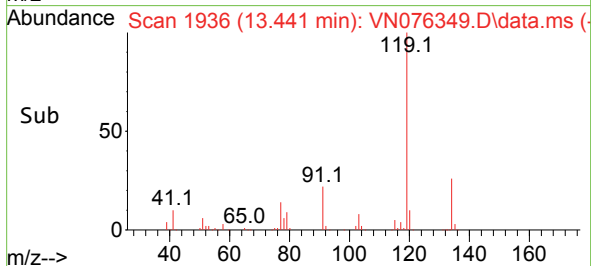
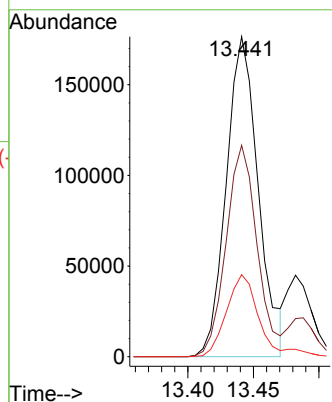
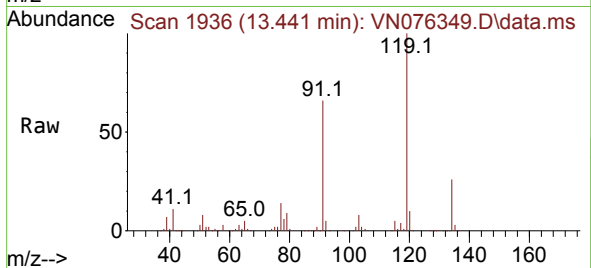
Tgt Ion:119 Resp: 300063

Ion Ratio Lower Upper

119 100

91 64.0 32.2 96.6

134 26.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 17.539 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076349.D

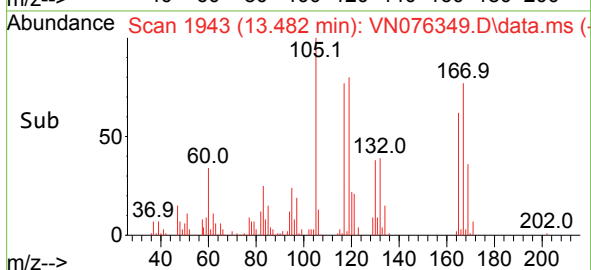
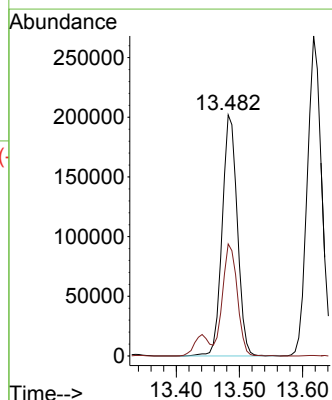
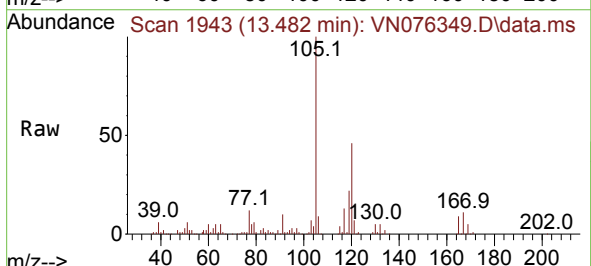
Acq: 20 Jan 2023 16:20

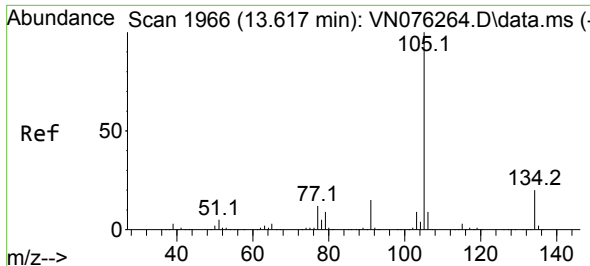
Tgt Ion:105 Resp: 335476

Ion Ratio Lower Upper

105 100

120 45.0 22.9 68.5

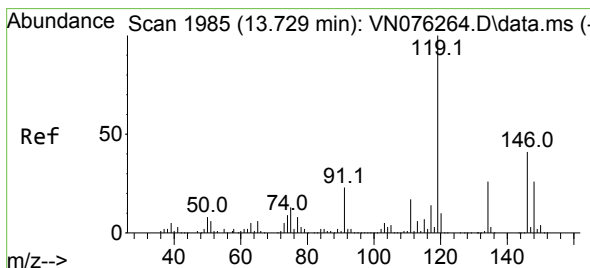
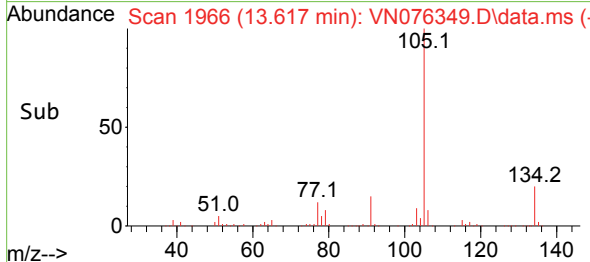
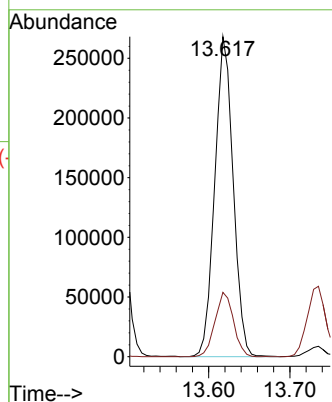
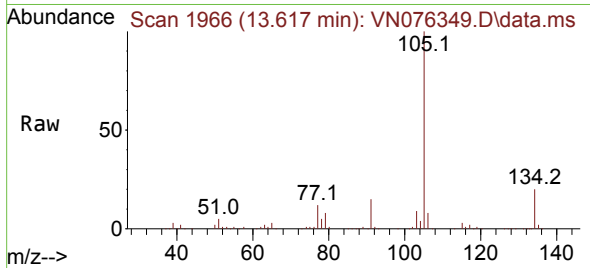




#85
 sec-Butylbenzene
 Concen: 17.939 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

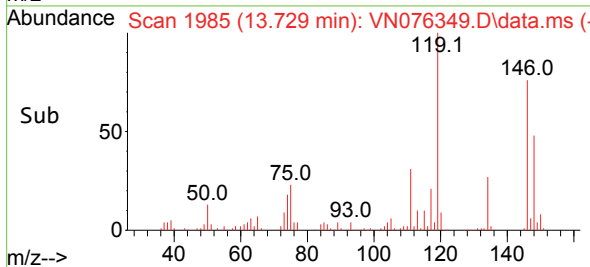
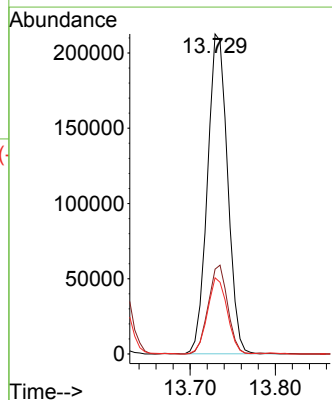
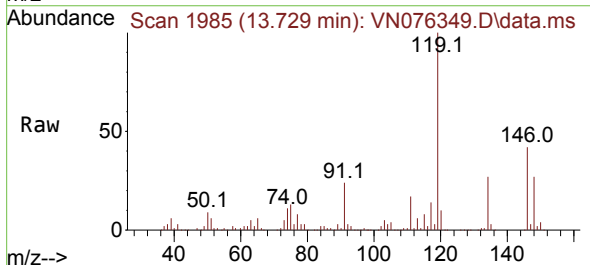
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

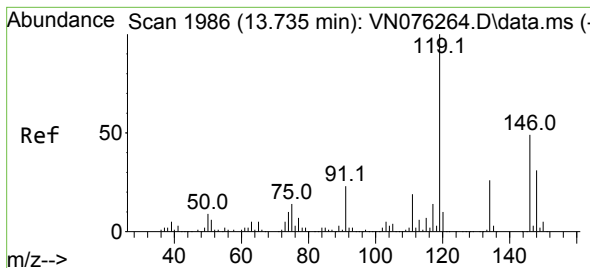
Tgt Ion:105 Resp: 422319
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 17.978 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076349.D
 Acq: 20 Jan 2023 16:20

Tgt Ion:119 Resp: 348015
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 16.278 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

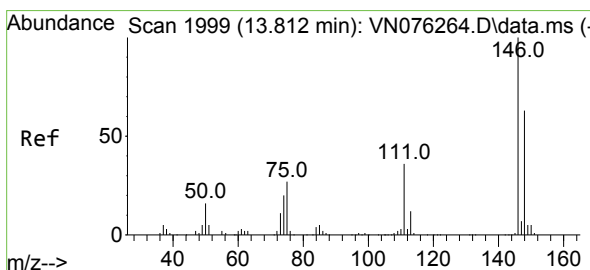
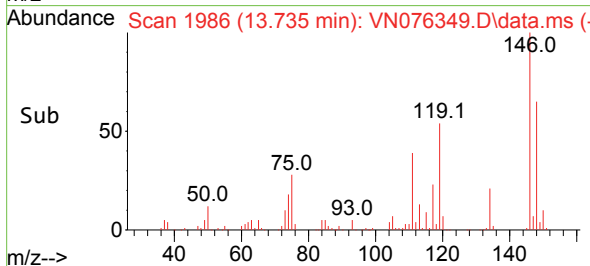
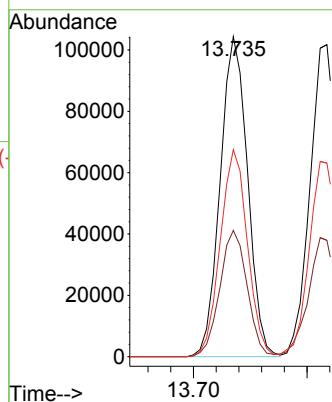
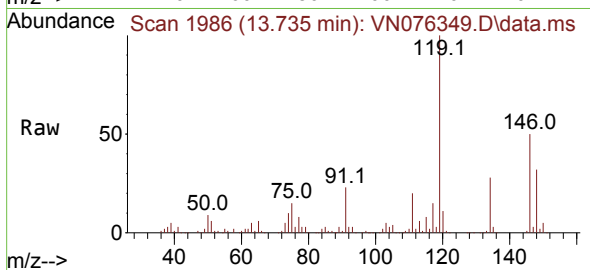
Tgt Ion:146 Resp: 174696

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 64.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 17.141 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

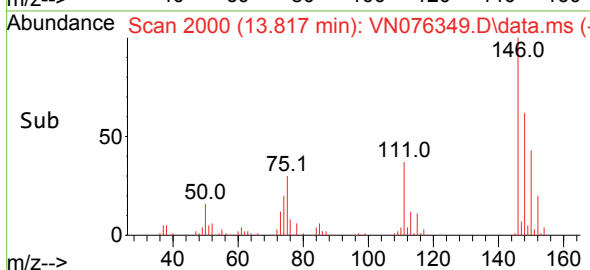
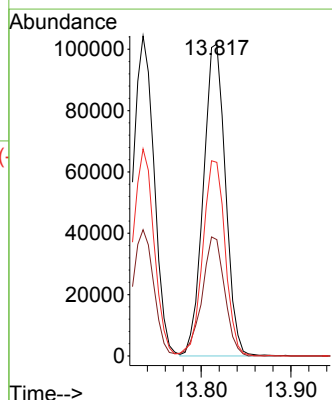
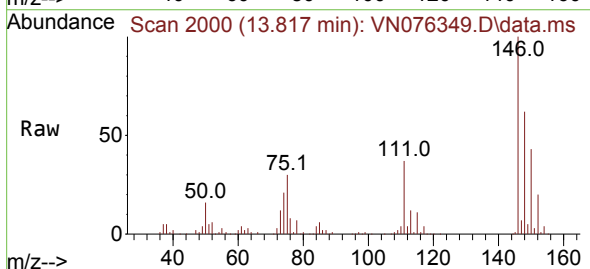
Tgt Ion:146 Resp: 174306

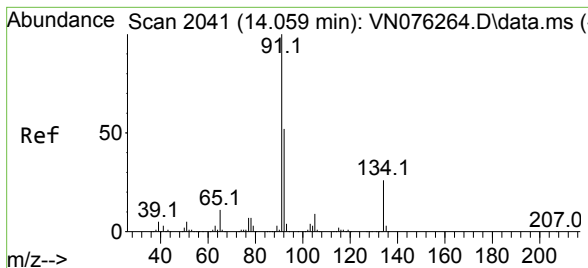
Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.3 31.9 95.9





#89

n-Butylbenzene

Concen: 18.065 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

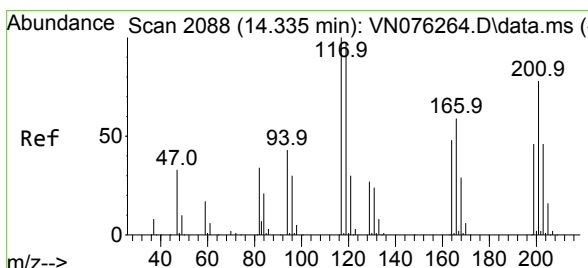
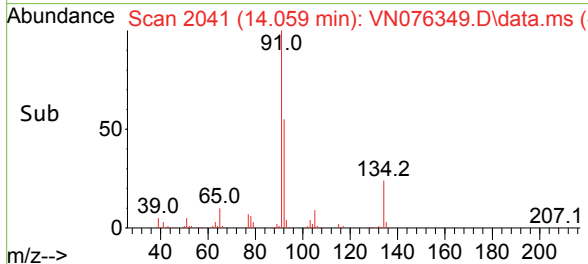
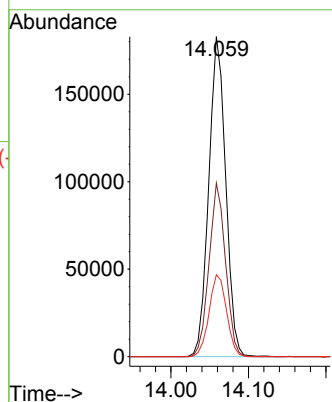
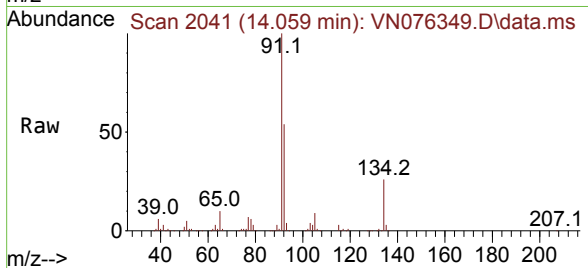
Tgt Ion: 91 Resp: 277607

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.4 13.2 39.5



#90

Hexachloroethane

Concen: 17.193 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076349.D

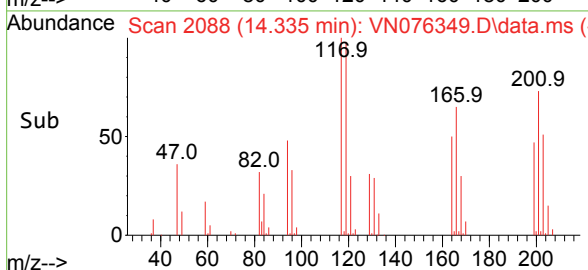
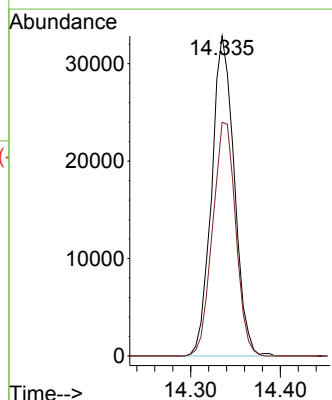
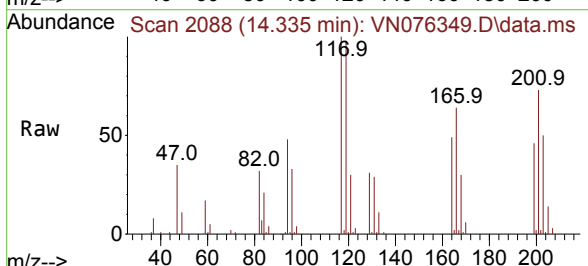
Acq: 20 Jan 2023 16:20

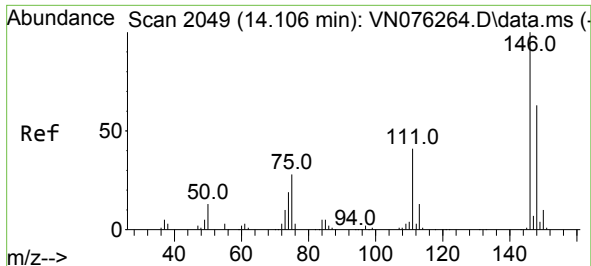
Tgt Ion: 117 Resp: 57443

Ion Ratio Lower Upper

117 100

201 74.7 37.3 111.9

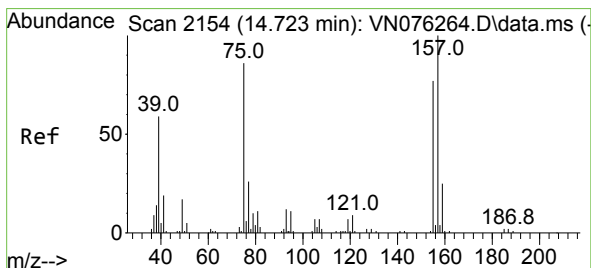
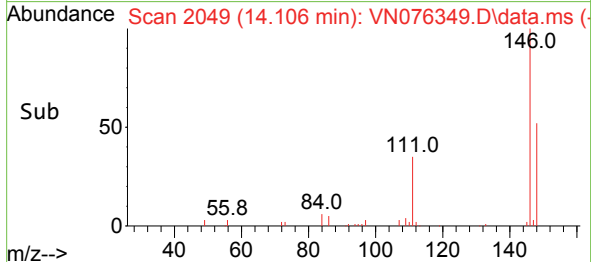
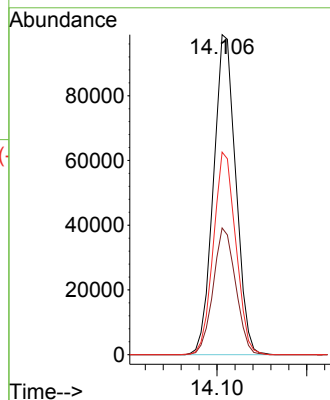
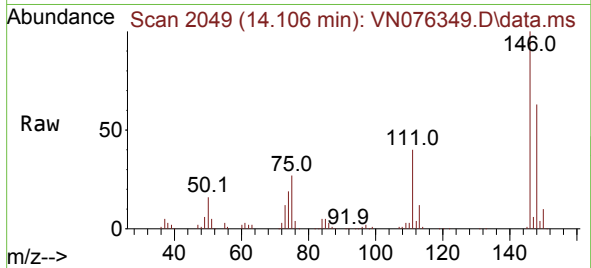




#91
1,2-Dichlorobenzene
Concen: 15.995 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

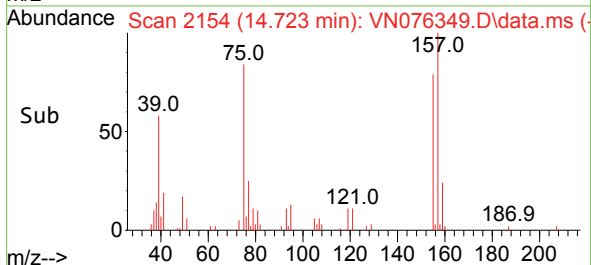
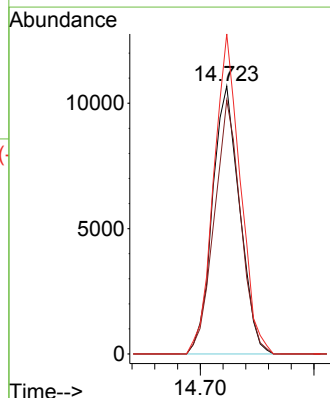
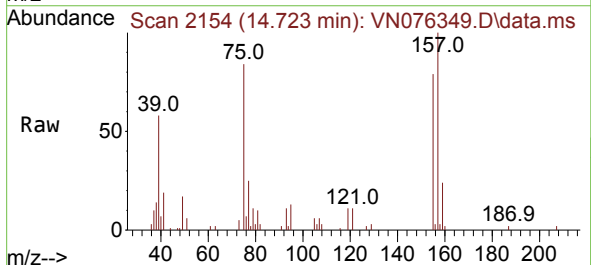
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

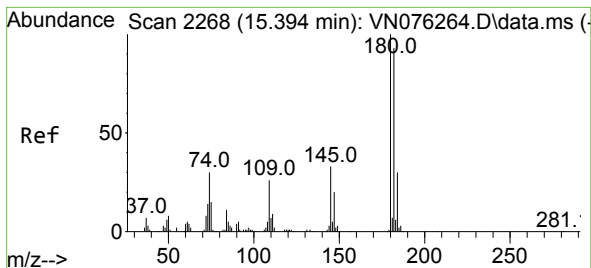
Tgt Ion:146 Resp: 170969
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.612 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076349.D
Acq: 20 Jan 2023 16:20

Tgt Ion: 75 Resp: 17763
Ion Ratio Lower Upper
75 100
155 91.9 45.0 135.0
157 116.4 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 16.139 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

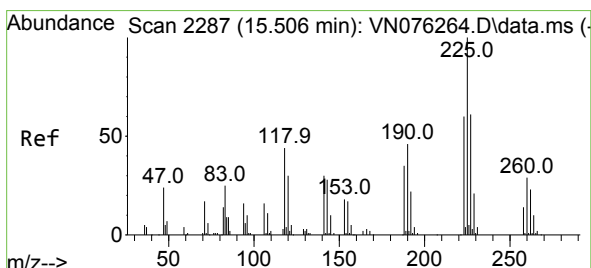
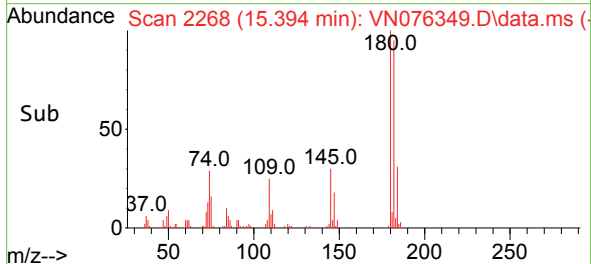
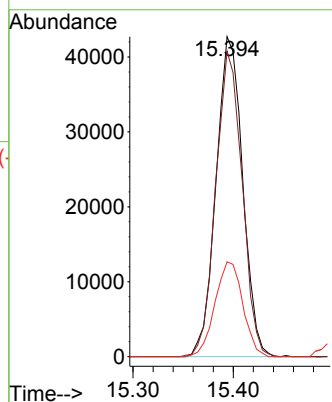
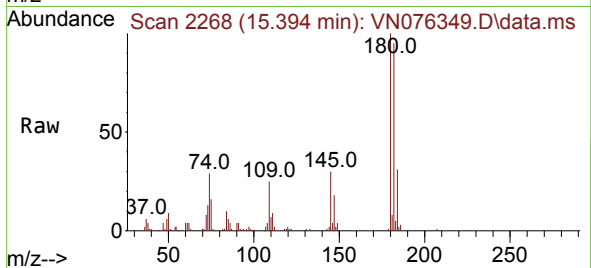
Tgt Ion:180 Resp: 78670

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 31.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 16.613 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

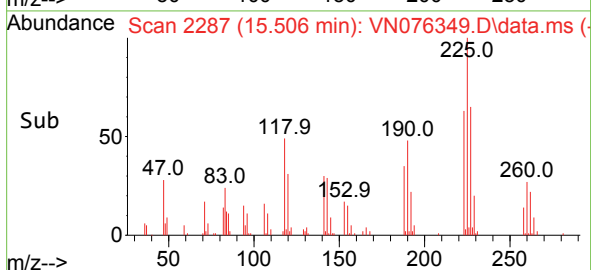
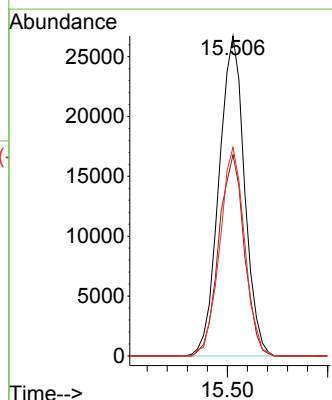
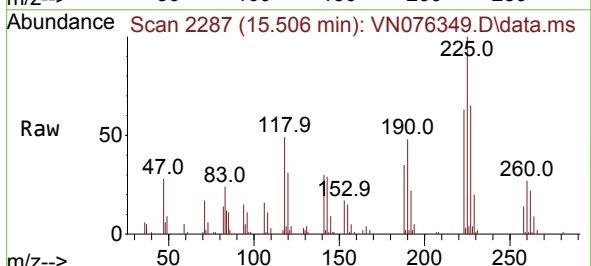
Tgt Ion:225 Resp: 47123

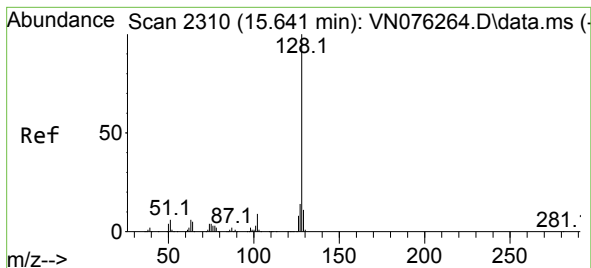
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.4 30.9 92.8





#95

Naphthalene

Concen: 15.149 ug/l

RT: 15.641 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

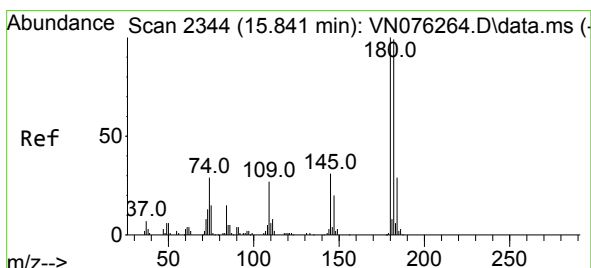
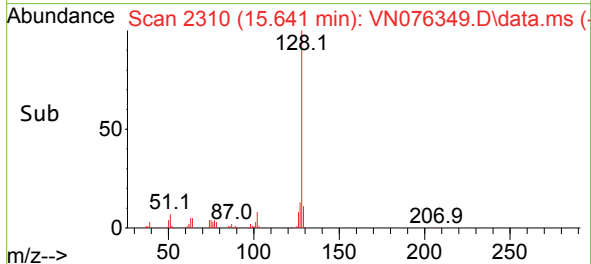
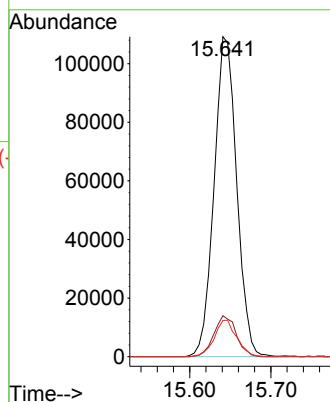
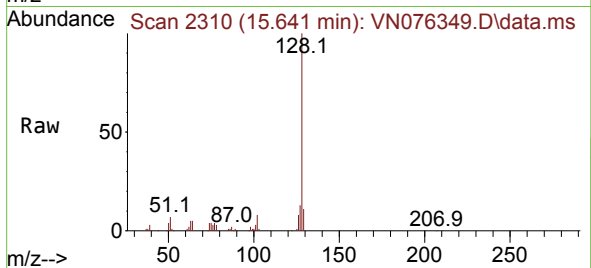
Tgt Ion:128 Resp: 211325

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.412 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076349.D

Acq: 20 Jan 2023 16:20

Tgt Ion:180 Resp: 76890

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 32.8 15.9 47.6

