

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074903.D
 Acq On : 14 Oct 2022 11:11
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 17 01:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:09:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	279664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	491791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	545327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	306309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	137537	20.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	40.620%#
35) Dibromofluoromethane	8.177	113	108993	20.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.800%#
50) Toluene-d8	10.571	98	450782	20.455	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.920%#
62) 4-Bromofluorobenzene	12.853	95	123676	19.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.420%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.148	85	107348	20.008	ug/l	96
3) Chloromethane	2.383	50	144884	18.456	ug/l	95
4) Vinyl Chloride	2.530	62	216836	19.210	ug/l	98
5) Bromomethane	2.948	94	161741	17.902	ug/l	92
6) Chloroethane	3.118	64	164233	18.466	ug/l	95
7) Trichlorofluoromethane	3.506	101	153979	18.910	ug/l	96
8) Diethyl Ether	3.977	74	67315	18.037	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	95073	19.090	ug/l	99
10) Methyl Iodide	4.606	142	109798	19.266	ug/l	96
11) Tert butyl alcohol	5.559	59	153344	92.016	ug/l	97
12) 1,1-Dichloroethene	4.359	96	88060	18.071	ug/l	97
13) Acrolein	4.206	56	166910	94.655	ug/l	97
14) Allyl chloride	5.042	41	184173	19.919	ug/l #	84
15) Acrylonitrile	5.741	53	391436	96.074	ug/l	99
16) Acetone	4.453	43	312775	89.612	ug/l	96
17) Carbon Disulfide	4.724	76	216771	17.731	ug/l #	92
18) Methyl Acetate	5.053	43	235166	18.817	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	355562	18.691	ug/l	96
20) Methylene Chloride	5.300	84	117319	17.809	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	96444	18.085	ug/l	97
22) Diisopropyl ether	6.694	45	404139	18.565	ug/l	100
23) Vinyl Acetate	6.624	43	1495654	93.631	ug/l	99
24) 1,1-Dichloroethane	6.583	63	211928	18.089	ug/l	94
25) 2-Butanone	7.500	43	535869	93.238	ug/l	97
26) 2,2-Dichloropropane	7.500	77	176254	18.759	ug/l	94
27) cis-1,2-Dichloroethene	7.500	96	116190	17.540	ug/l	99
28) Bromochloromethane	7.830	49	101141	20.556	ug/l	91
29) Tetrahydrofuran	7.847	42	365483	96.865	ug/l	98
30) Chloroform	7.977	83	211347	19.488	ug/l	86
31) Cyclohexane	8.265	56	184917	18.389	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	176278	19.142	ug/l	93
36) 1,1-Dichloropropene	8.382	75	147717	18.864	ug/l	97
37) Ethyl Acetate	7.577	43	226785	19.509	ug/l	99
38) Carbon Tetrachloride	8.371	117	141379	19.100	ug/l	90
39) Methylcyclohexane	9.606	83	174607	18.492	ug/l	99
40) Benzene	8.612	78	470374	18.264	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	118493	20.706	ug/l	94
42) 1,2-Dichloroethane	8.682	62	157202	18.684	ug/l	94
43) Isopropyl Acetate	8.700	43	344263	19.240	ug/l	99
44) Trichloroethene	9.359	130	96490	17.902	ug/l	97
45) 1,2-Dichloropropane	9.629	63	129563	18.688	ug/l	97
46) Dibromomethane	9.706	93	81090	18.267	ug/l	97
47) Bromodichloromethane	9.894	83	162822	19.116	ug/l	95
48) Methyl methacrylate	9.612	41	145519	17.463	ug/l #	92
49) 1,4-Dioxane	9.700	88	56041	369.119	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1118654	97.227	ug/l	97
52) Toluene	10.635	92	281012	18.216	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	173140	18.600	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	194196	19.567	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	122132	19.710	ug/l	97
56) Ethyl methacrylate	10.876	69	194046	19.565	ug/l	98
57) 1,3-Dichloropropane	11.171	76	213630	19.010	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	331547	93.902	ug/l	97
59) 2-Hexanone	11.200	43	821133	97.754	ug/l	97
60) Dibromochloromethane	11.365	129	116374	18.742	ug/l	99
61) 1,2-Dibromoethane	11.476	107	120780	19.708	ug/l	97
64) Tetrachloroethene	11.106	164	81446	18.555	ug/l	91
65) Chlorobenzene	11.894	112	289552	18.398	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	109493	18.555	ug/l	100
67) Ethyl Benzene	11.965	91	544797	18.881	ug/l	99
68) m/p-Xylenes	12.076	106	411288	38.279	ug/l	98
69) o-Xylene	12.400	106	207846	18.938	ug/l	99
70) Styrene	12.418	104	331225	19.028	ug/l	97
71) Bromoform	12.576	173	73953	18.095	ug/l #	98
73) Isopropylbenzene	12.700	105	535001	19.635	ug/l	99
74) N-amyl acetate	12.500	43	279847	18.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	199657	18.500	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	243782	28.970	ug/l	60
77) Bromobenzene	12.982	156	113010	18.726	ug/l	96
78) n-propylbenzene	13.035	91	617008	19.836	ug/l	99
79) 2-Chlorotoluene	13.129	91	364562	19.603	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	434344	19.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	60403	18.354	ug/l	92
82) 4-Chlorotoluene	13.223	91	335746	19.304	ug/l	99
83) tert-Butylbenzene	13.441	119	400115	20.905	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	433252	19.910	ug/l	99
85) sec-Butylbenzene	13.617	105	546009	19.784	ug/l	96
86) p-Isopropyltoluene	13.735	119	416306	18.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	212482	18.768	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204500	18.307	ug/l	99
89) n-Butylbenzene	14.059	91	368977	19.743	ug/l	98
90) Hexachloroethane	14.335	117	81350	17.276	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	219590	18.698	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35348	17.656	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	98079	18.464	ug/l	98
94) Hexachlorobutadiene	15.500	225	49313	19.331	ug/l	94
95) Naphthalene	15.647	128	374477	19.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	99626	19.800	ug/l	96

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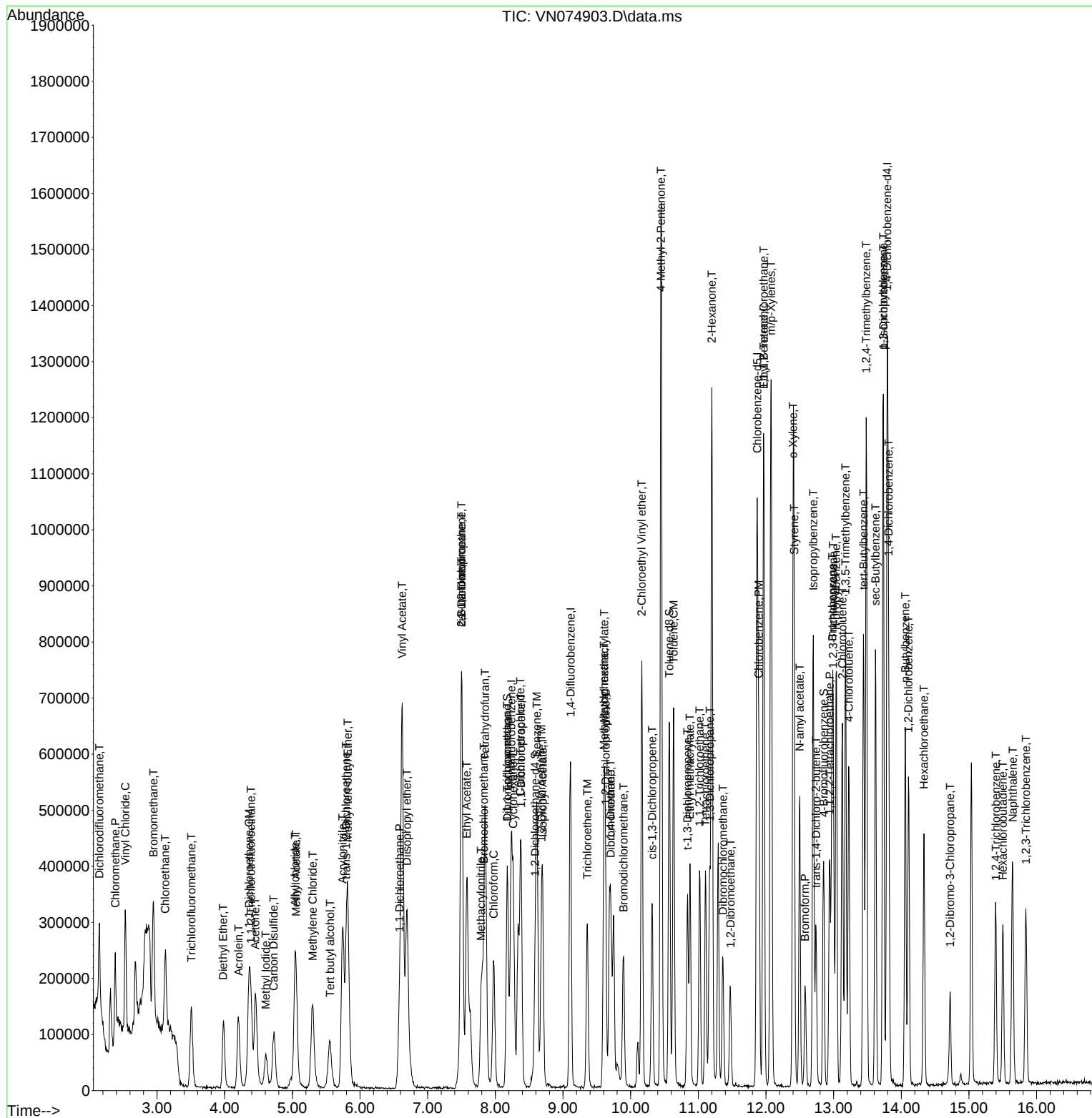
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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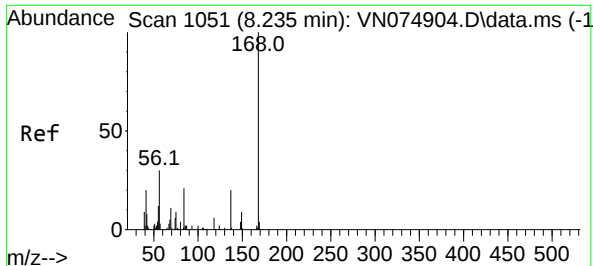
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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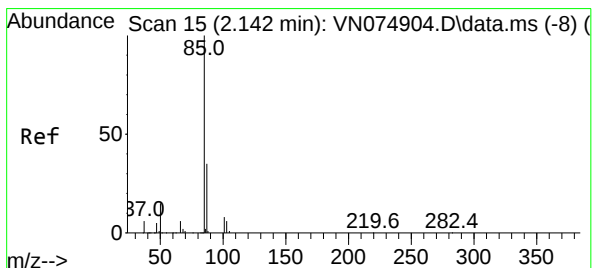
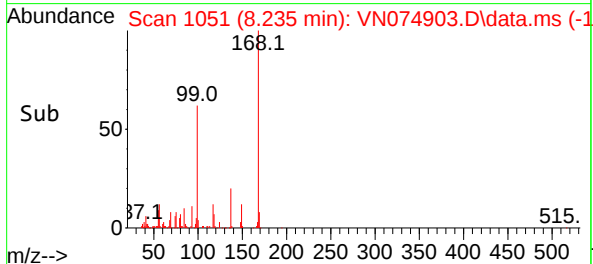
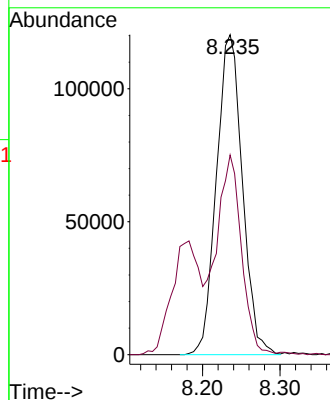
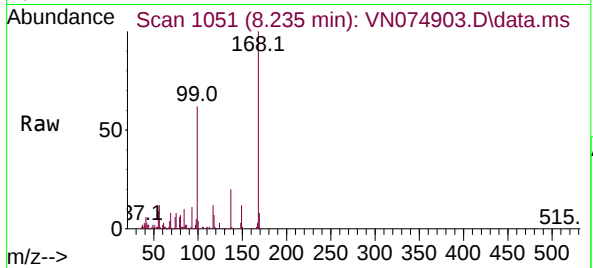




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.000 min
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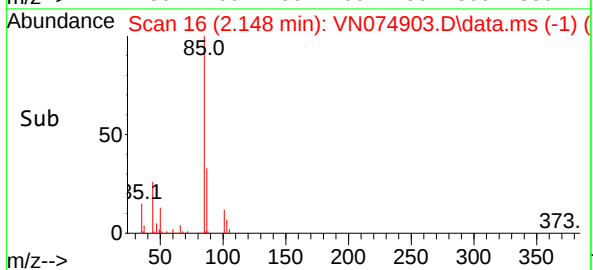
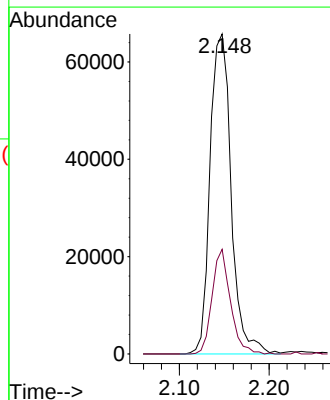
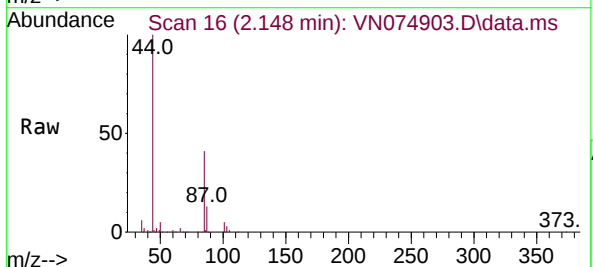
Instrument :
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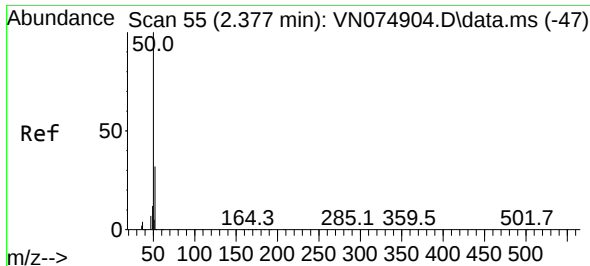
Tgt Ion:168 Resp: 279664
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 20.008 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 85 Resp: 107348
Ion Ratio Lower Upper
85 100
87 32.7 17.5 52.6

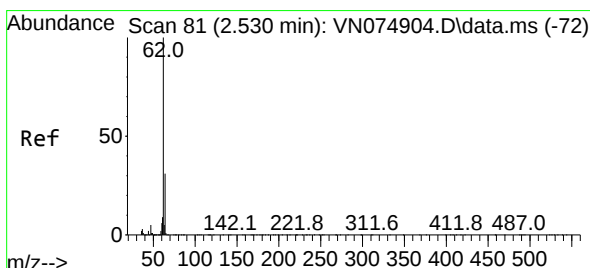
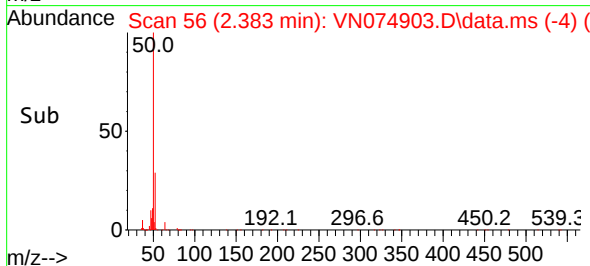
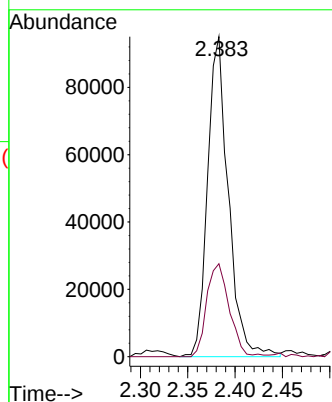
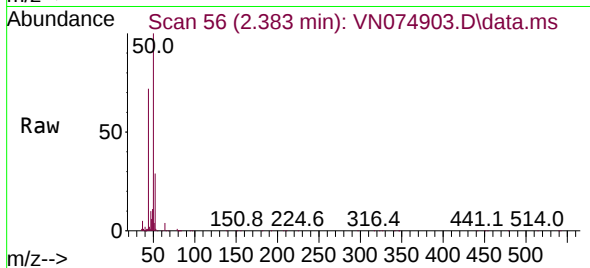




#3
Chloromethane
Concen: 18.456 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

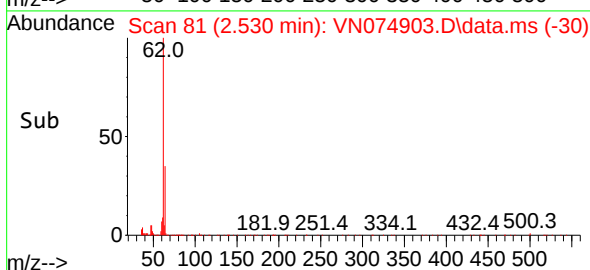
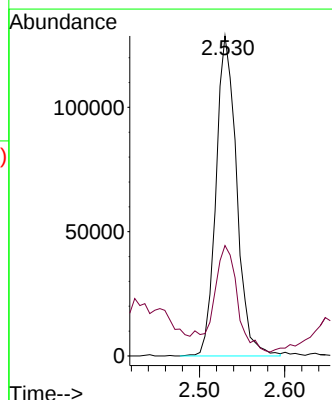
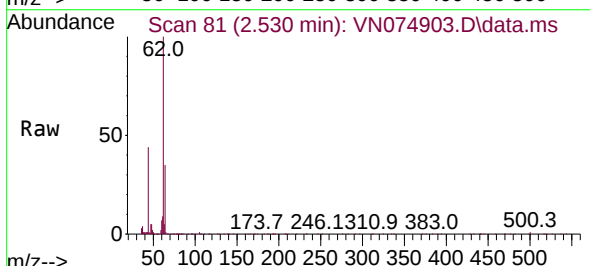
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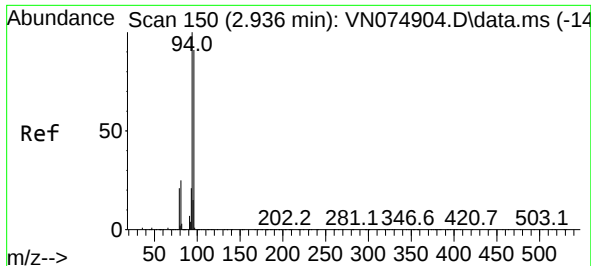
Tgt Ion: 50 Resp: 144884
Ion Ratio Lower Upper
50 100
52 29.0 25.4 38.0



#4
Vinyl Chloride
Concen: 19.210 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 62 Resp: 216836
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2

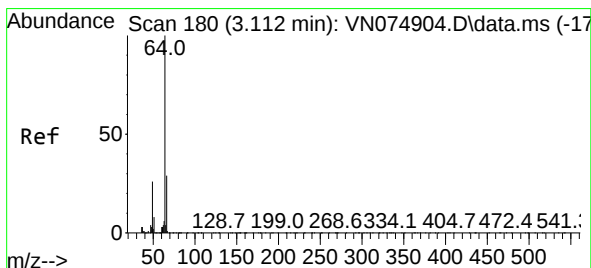
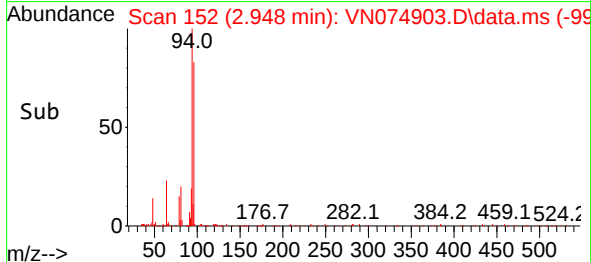
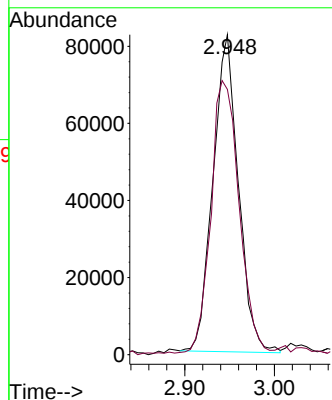
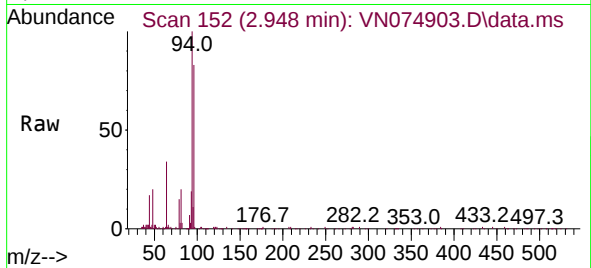




#5
Bromomethane
Concen: 17.902 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074903.D
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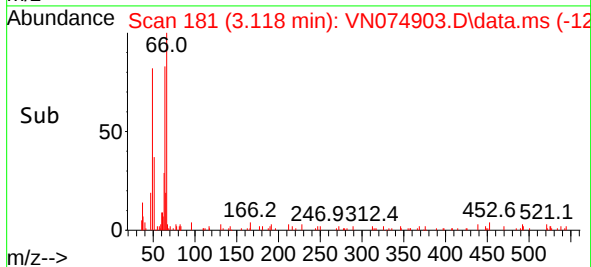
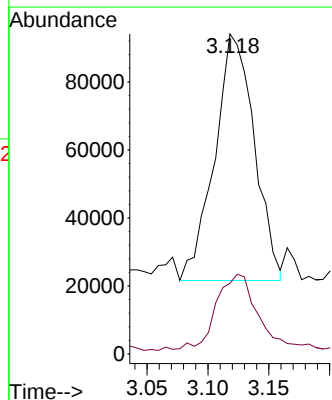
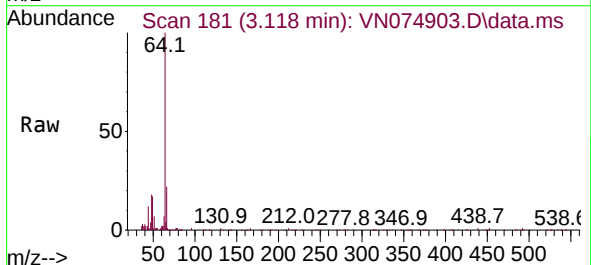
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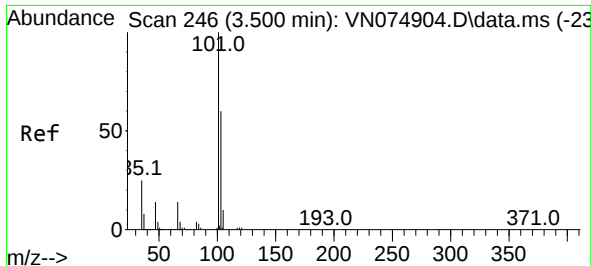
Tgt Ion: 94 Resp: 161741
Ion Ratio Lower Upper
94 100
96 83.2 72.6 109.0



#6
Chloroethane
Concen: 18.466 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 164233
Ion Ratio Lower Upper
64 100
66 26.5 23.6 35.4

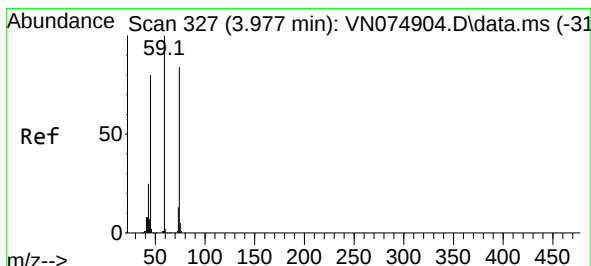
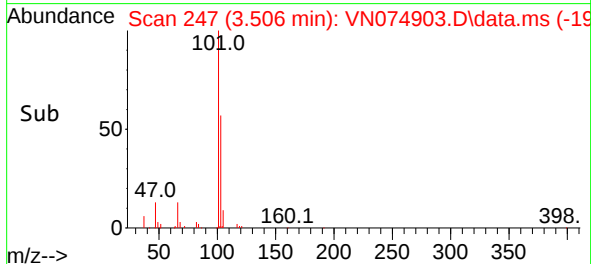
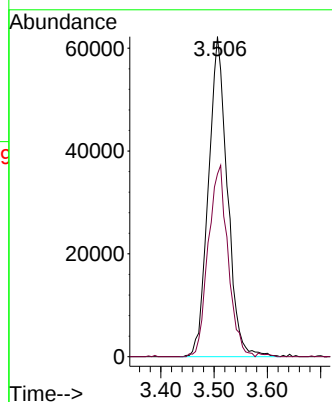
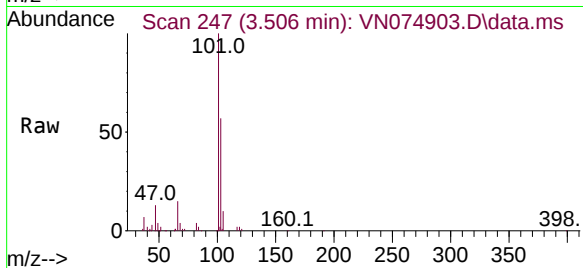




#7
 Trichlorofluoromethane
 Concen: 18.910 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074903.D
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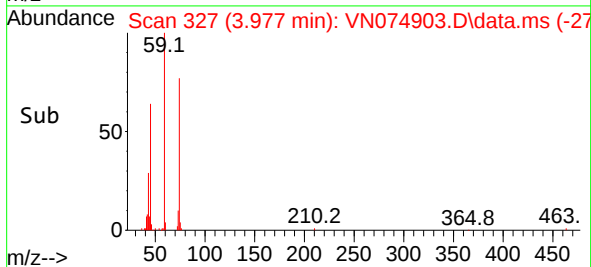
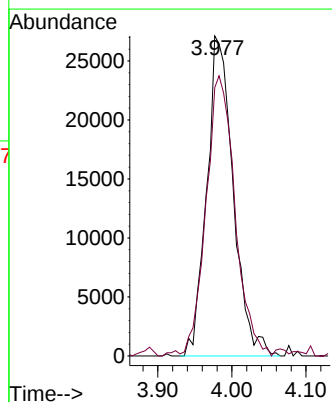
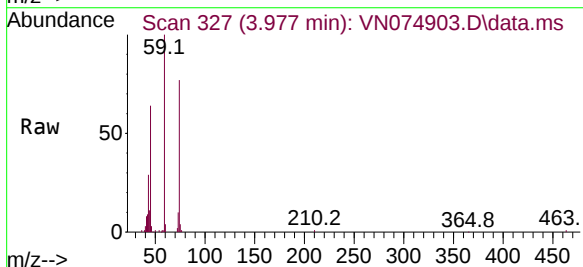
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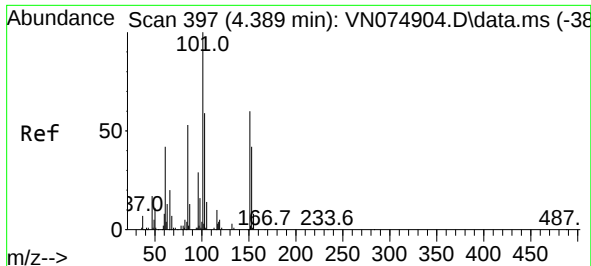
Tgt Ion:101 Resp: 153979
 Ion Ratio Lower Upper
 101 100
 103 57.1 48.3 72.5



#8
 Diethyl Ether
 Concen: 18.037 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 67315
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.3 147.9

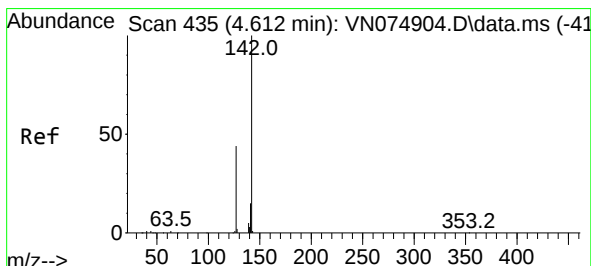
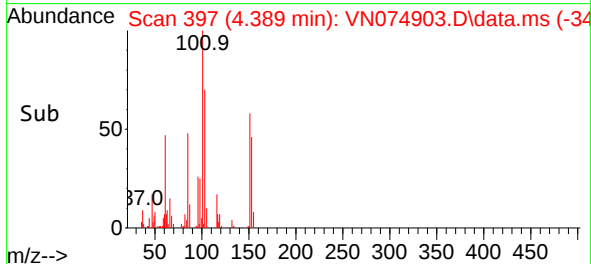
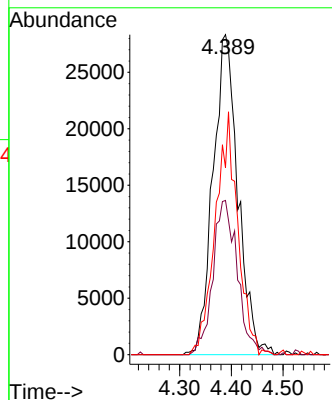
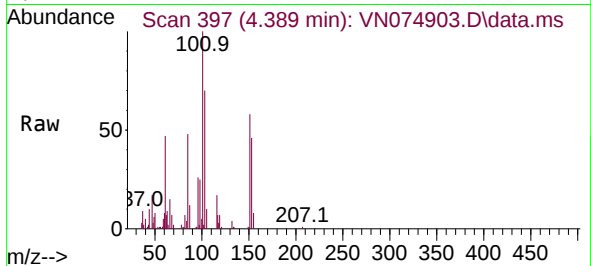




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.090 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

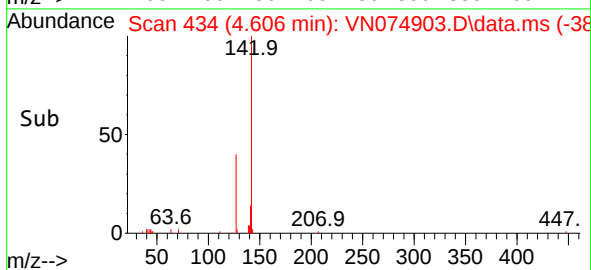
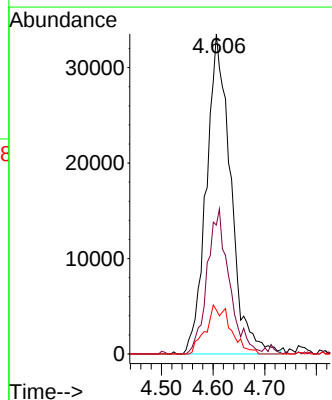
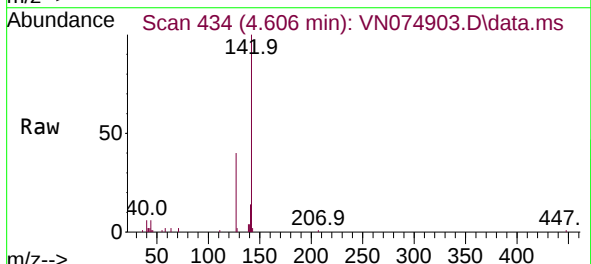
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

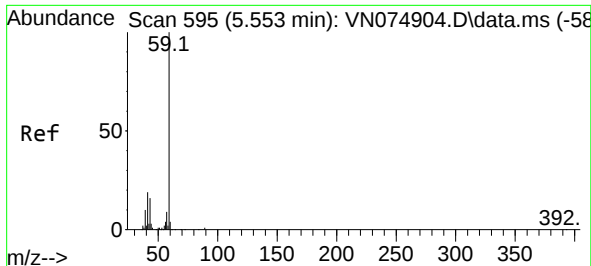
Tgt Ion:101 Resp: 95073
Ion Ratio Lower Upper
101 100
85 47.3 38.6 58.0
151 67.5 53.6 80.4



#10
Methyl Iodide
Concen: 19.266 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:142 Resp: 109798
Ion Ratio Lower Upper
142 100
127 41.2 35.4 53.2
141 15.6 11.8 17.8

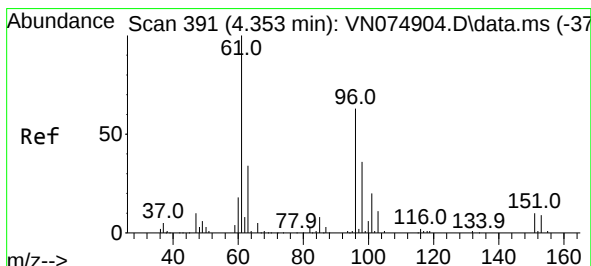
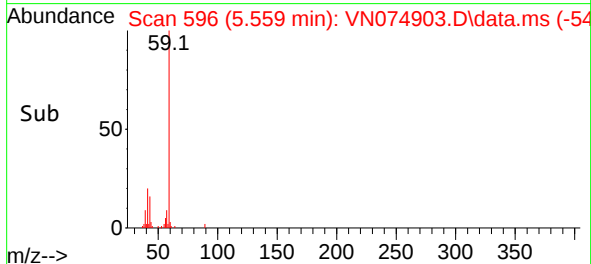
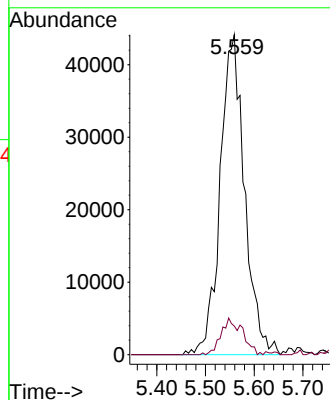
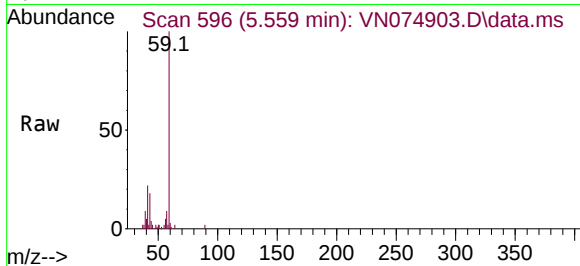




#11
Tert butyl alcohol
Concen: 92.016 ug/l
RT: 5.559 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

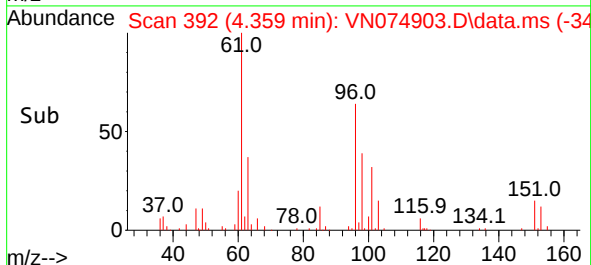
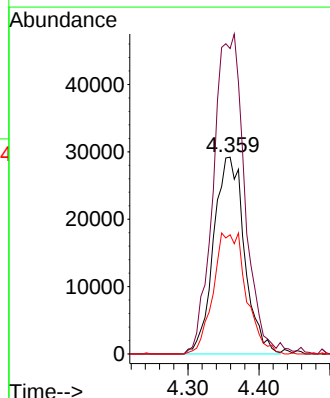
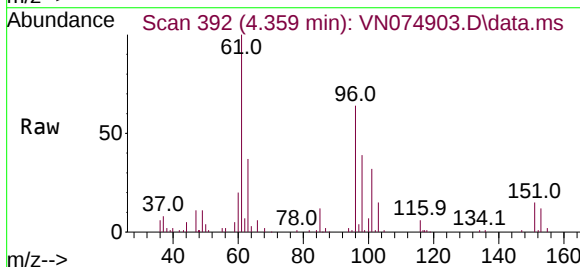
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

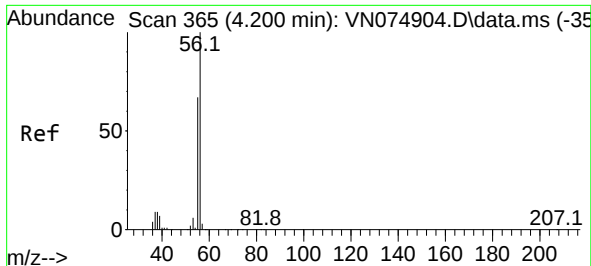
Tgt Ion: 59 Resp: 153344
Ion Ratio Lower Upper
59 100
57 10.1 7.3 10.9



#12
1,1-Dichloroethene
Concen: 18.071 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 96 Resp: 88060
Ion Ratio Lower Upper
96 100
61 155.2 127.2 190.8
98 60.6 46.2 69.4

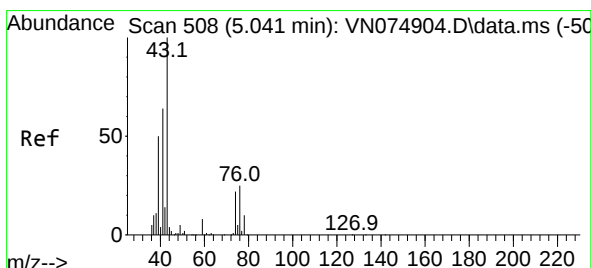
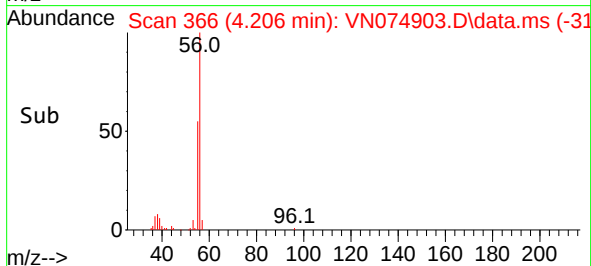
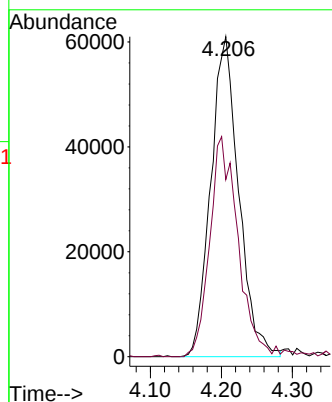
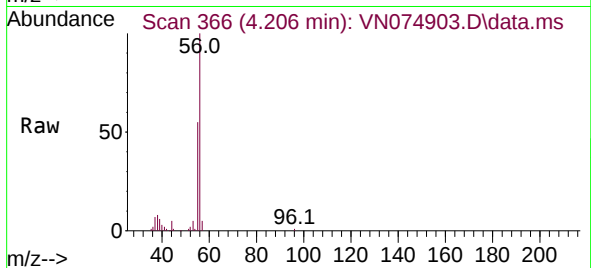




#13
Acrolein
Concen: 94.655 ug/l
RT: 4.206 min Scan# 365
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

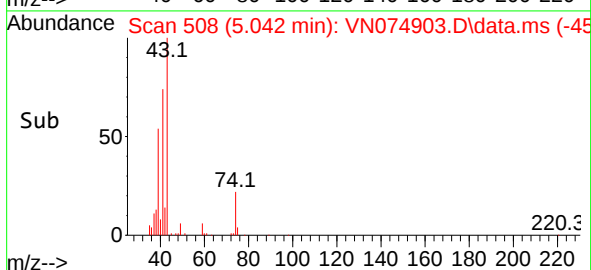
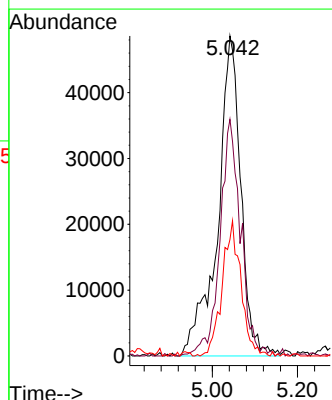
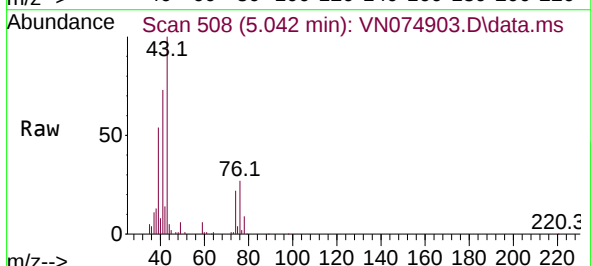
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

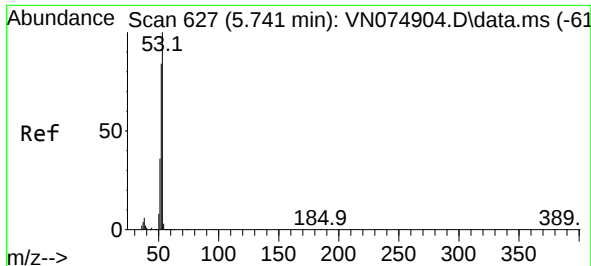
Tgt Ion: 56 Resp: 166910
Ion Ratio Lower Upper
56 100
55 68.6 57.0 85.6



#14
Allyl chloride
Concen: 19.919 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 41 Resp: 184173
Ion Ratio Lower Upper
41 100
39 65.0 66.1 99.1#
76 34.1 30.9 46.3

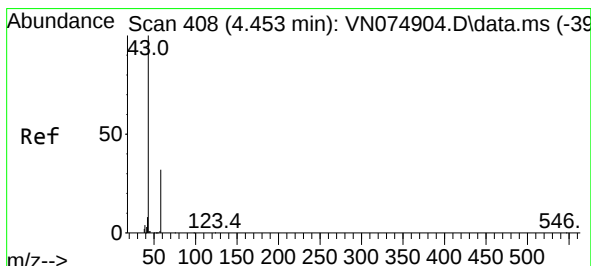
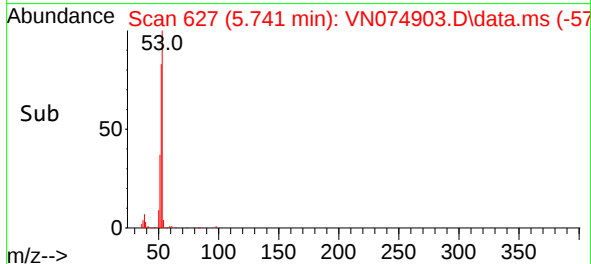
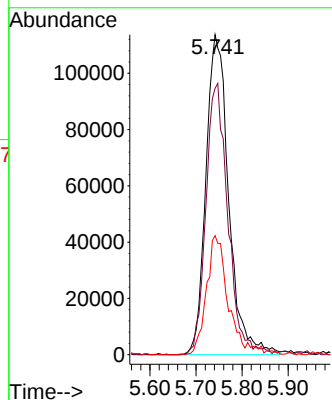
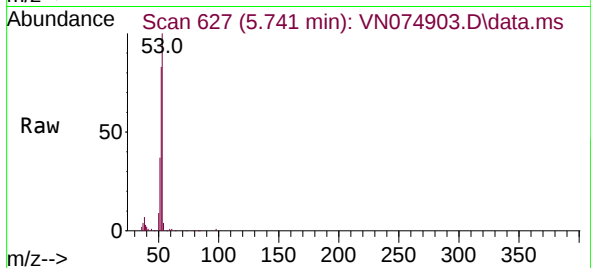




#15
Acrylonitrile
Concen: 96.074 ug/l
RT: 5.741 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

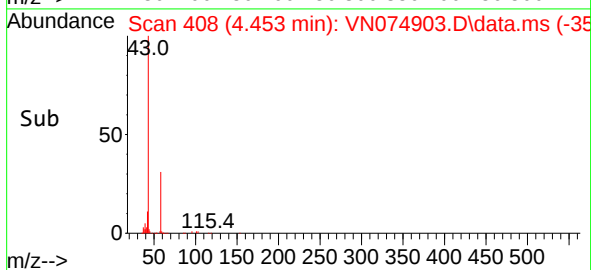
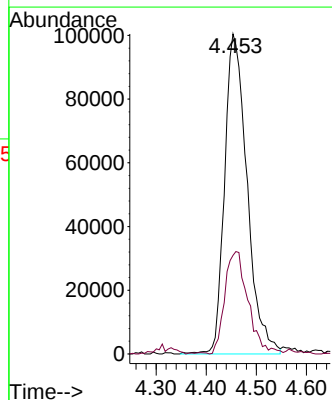
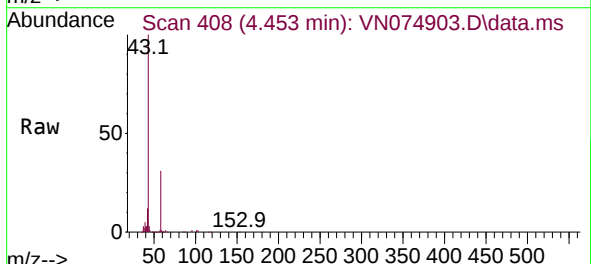
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

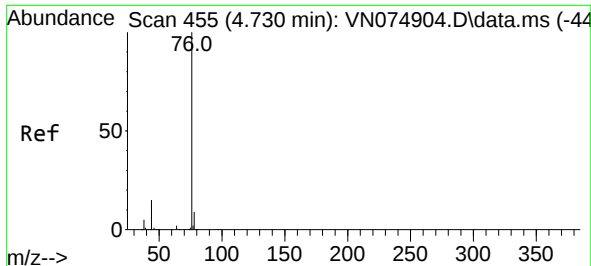
Tgt Ion: 53 Resp: 391436
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.4
51 33.9 27.6 41.4



#16
Acetone
Concen: 89.612 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 43 Resp: 312775
Ion Ratio Lower Upper
43 100
58 30.1 25.8 38.6

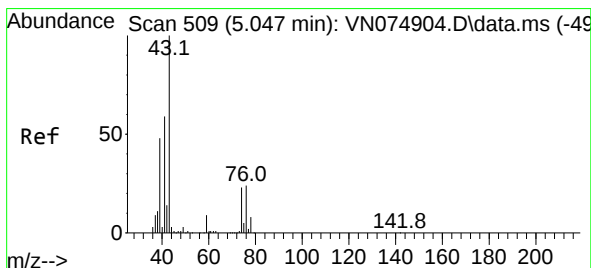
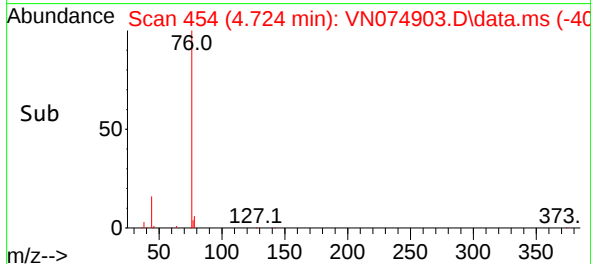
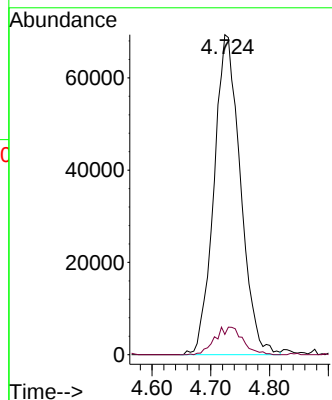
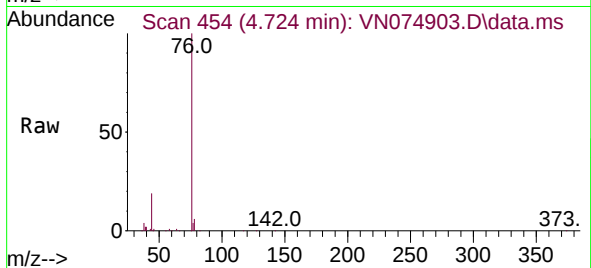




#17
Carbon Disulfide
Concen: 17.731 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

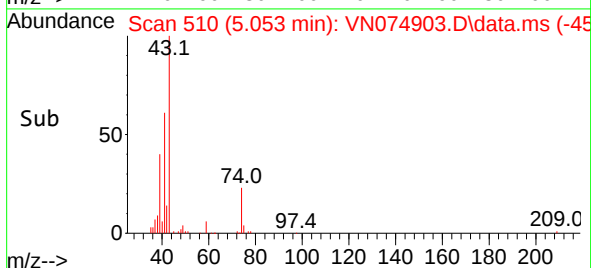
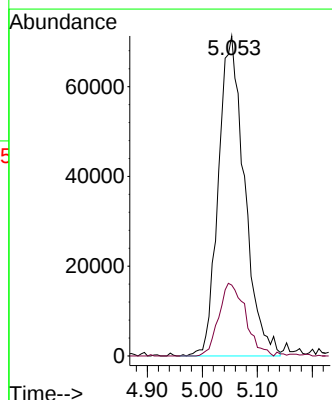
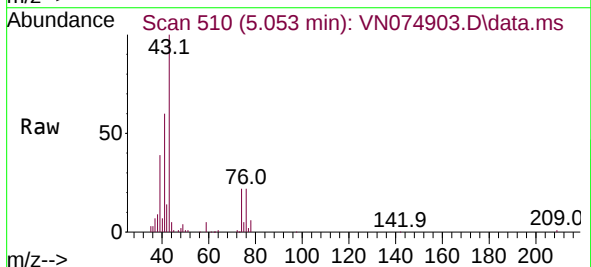
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

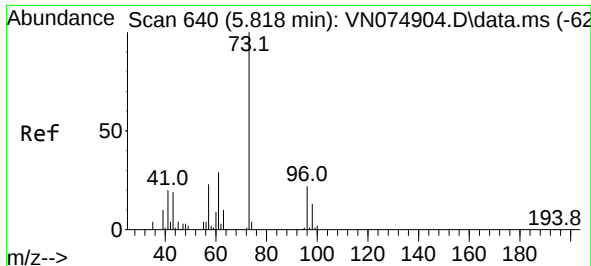
Tgt Ion: 76 Resp: 216771
Ion Ratio Lower Upper
76 100
78 6.3 7.4 11.0#



#18
Methyl Acetate
Concen: 18.817 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 43 Resp: 235166
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 18.691 ug/l

RT: 5.818 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

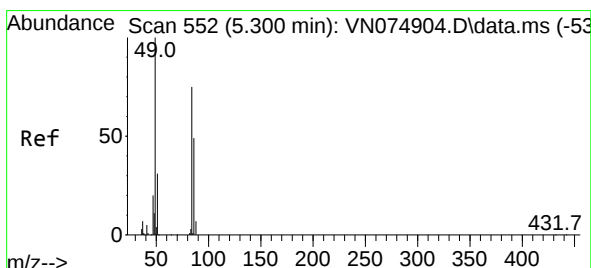
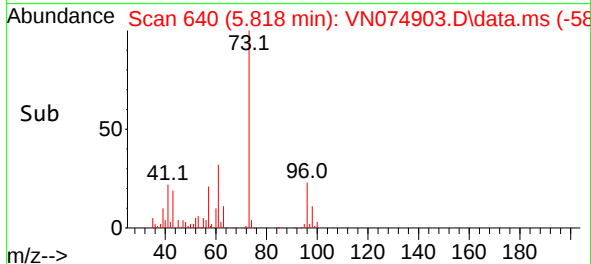
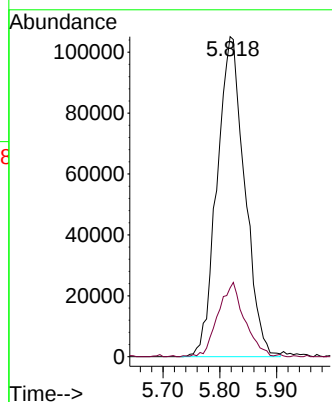
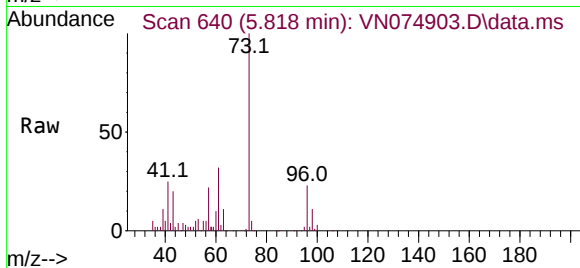
VSTDIC020

Tgt Ion: 73 Resp: 355562

Ion Ratio Lower Upper

73 100

57 21.5 18.7 28.1



#20

Methylene Chloride

Concen: 17.809 ug/l

RT: 5.300 min Scan# 552

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Tgt Ion: 84 Resp: 117319

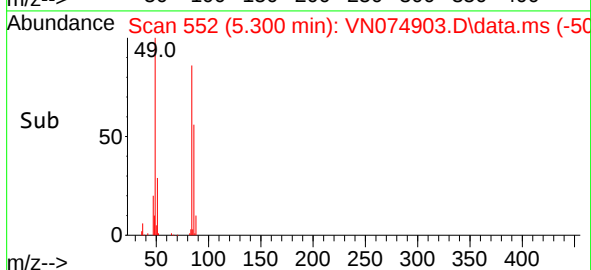
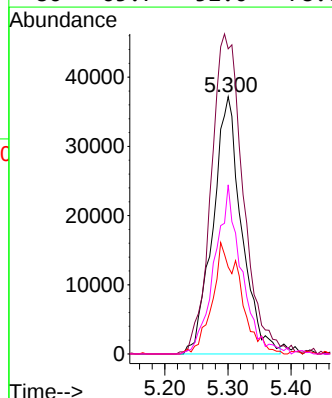
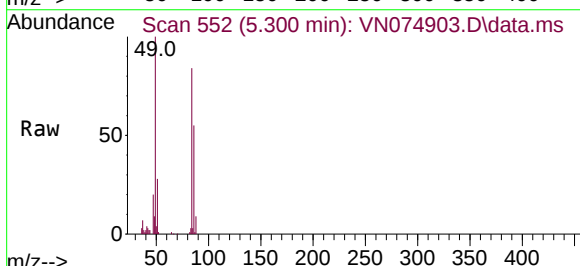
Ion Ratio Lower Upper

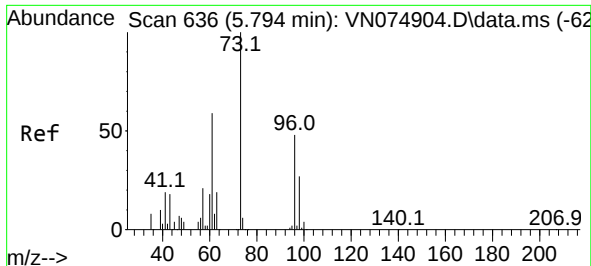
84 100

49 117.7 107.1 160.7

51 33.8 32.8 49.2

86 65.7 52.0 78.0

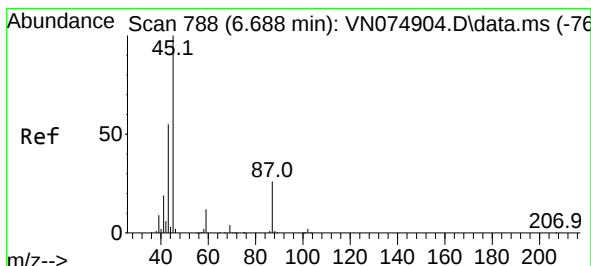
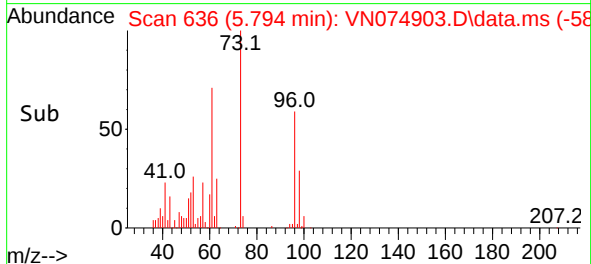
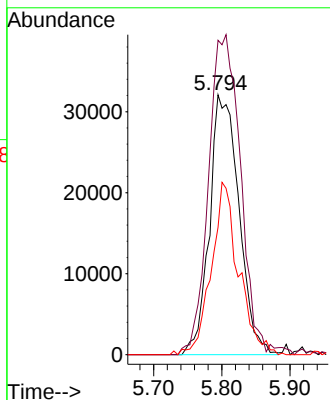
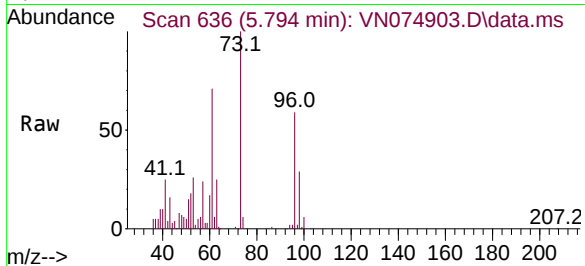




#21
trans-1,2-Dichloroethene
Concen: 18.085 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

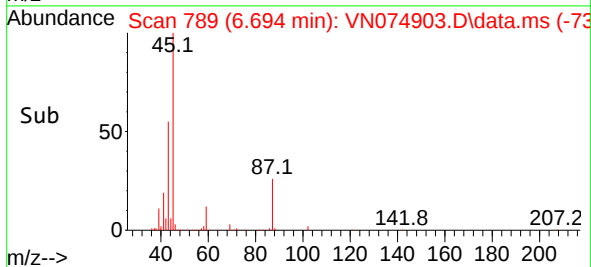
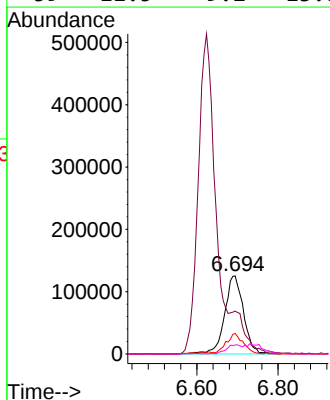
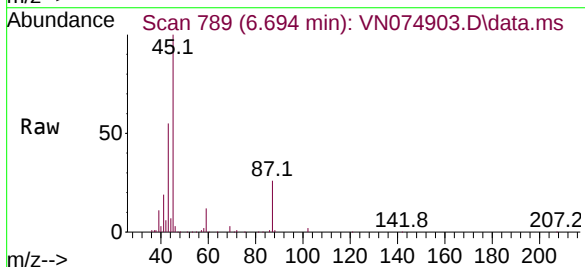
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

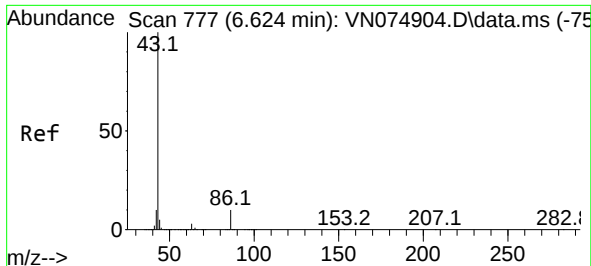
Tgt Ion: 96 Resp: 96444
Ion Ratio Lower Upper
96 100
61 121.0 97.4 146.0
98 49.0 44.0 66.0



#22
Diisopropyl ether
Concen: 18.565 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 45 Resp: 404139
Ion Ratio Lower Upper
45 100
43 54.4 43.8 65.8
87 26.3 21.3 31.9
59 11.5 9.2 13.8

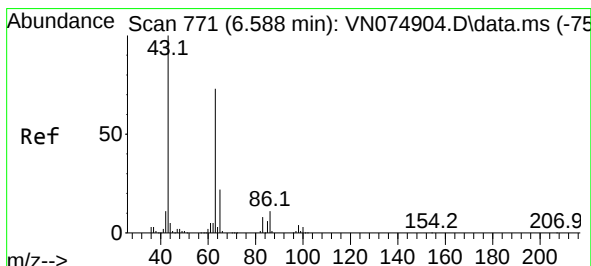
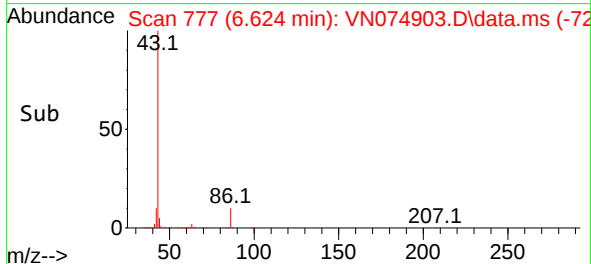
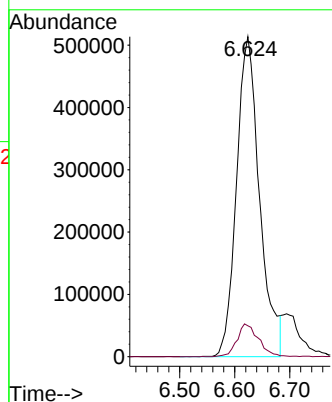
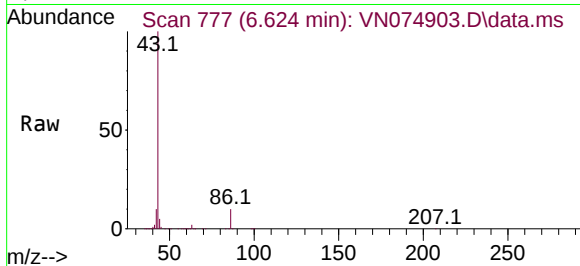




#23
 Vinyl Acetate
 Concen: 93.631 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

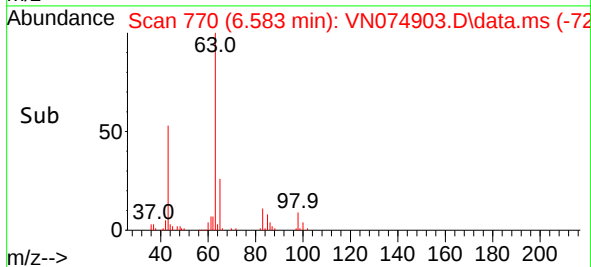
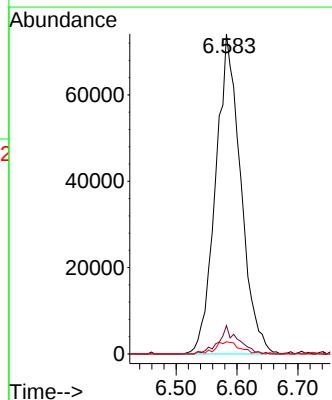
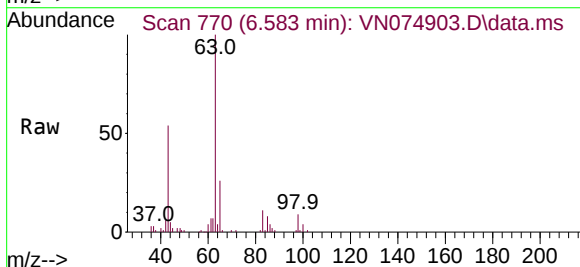
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

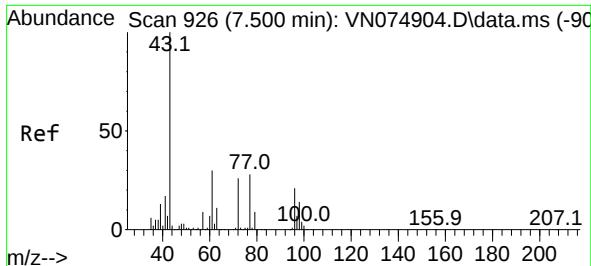
Tgt Ion: 43 Resp: 1495654
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 18.089 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

Tgt Ion: 63 Resp: 211928
 Ion Ratio Lower Upper
 63 100
 98 8.8 2.9 8.8
 100 3.8 2.3 6.8

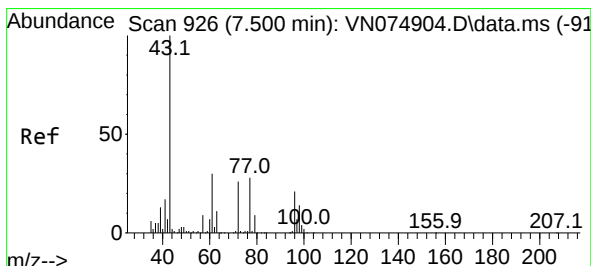
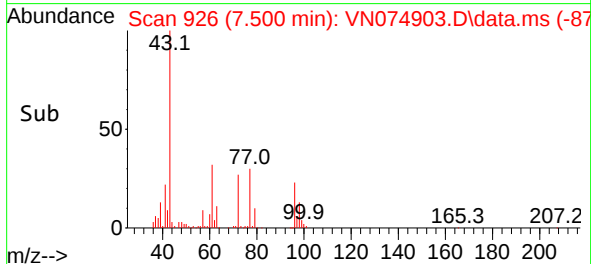
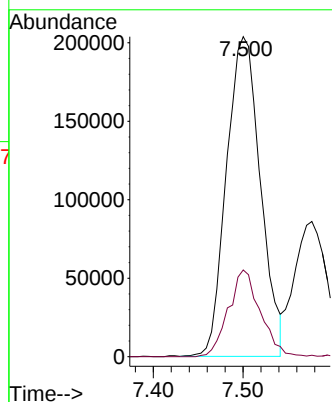
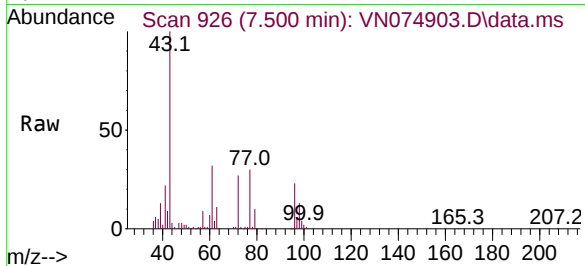




#25
2-Butanone
Concen: 93.238 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

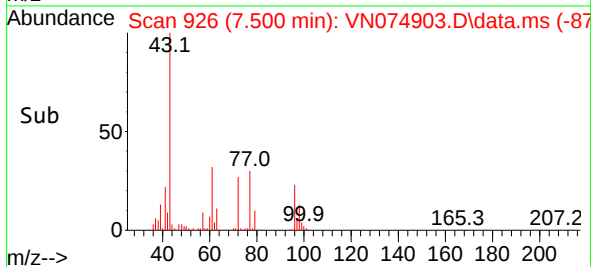
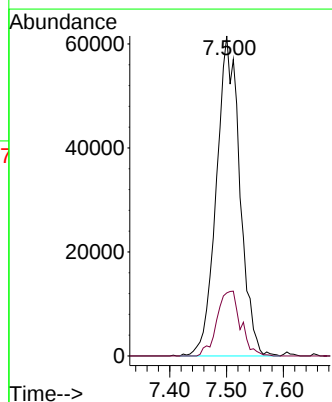
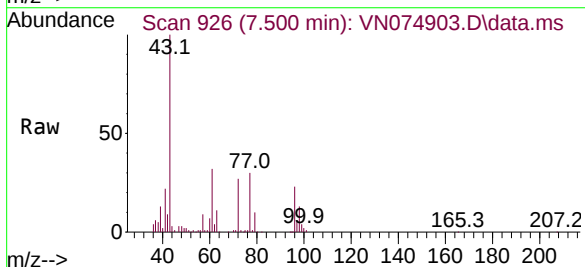
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

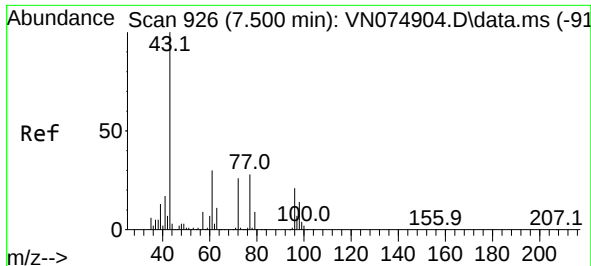
Tgt Ion: 43 Resp: 535869
Ion Ratio Lower Upper
43 100
72 27.1 20.4 30.6



#26
2,2-Dichloropropane
Concen: 18.759 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 77 Resp: 176254
Ion Ratio Lower Upper
77 100
97 20.5 11.7 35.1

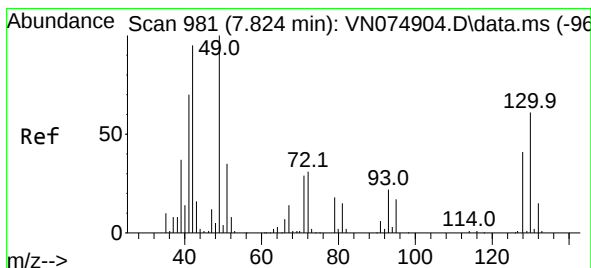
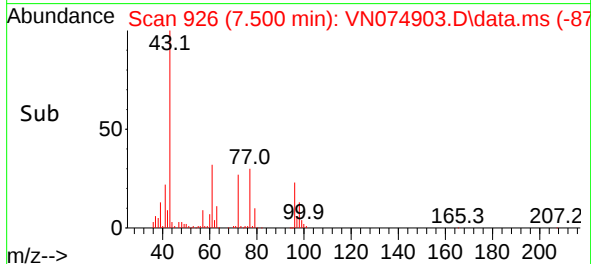
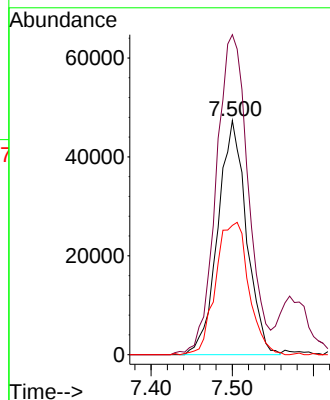
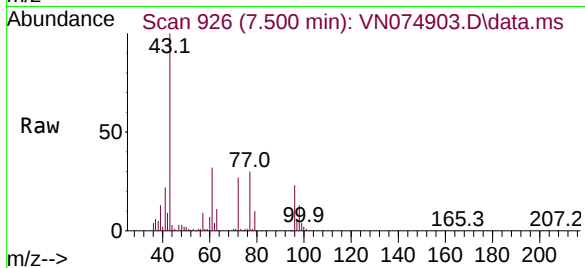




#27
 cis-1,2-Dichloroethene
 Concen: 17.540 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

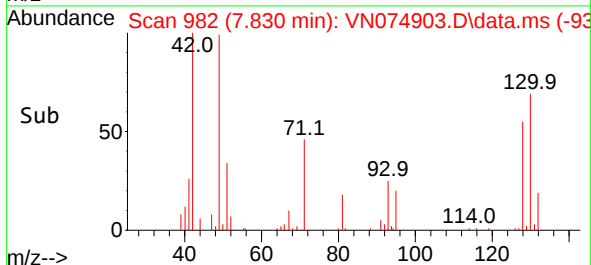
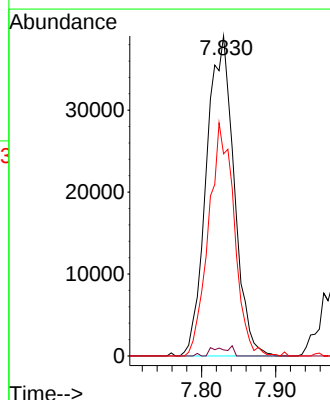
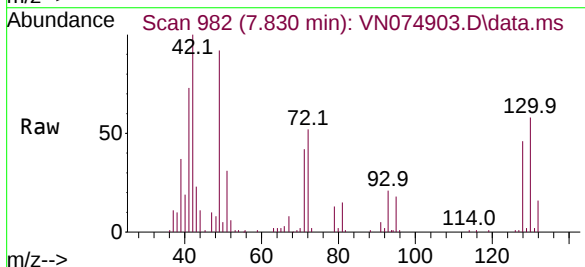
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

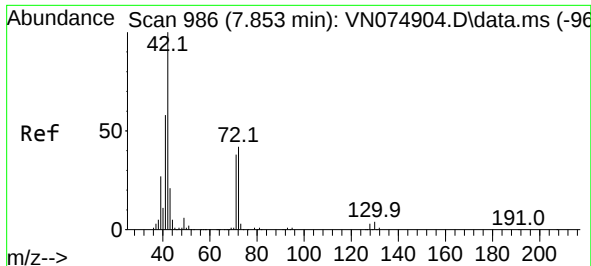
Tgt Ion: 96 Resp: 116190
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 303.6
 98 64.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 20.556 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.006 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

Tgt Ion: 49 Resp: 101141
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.2
 130 67.5 48.2 72.4

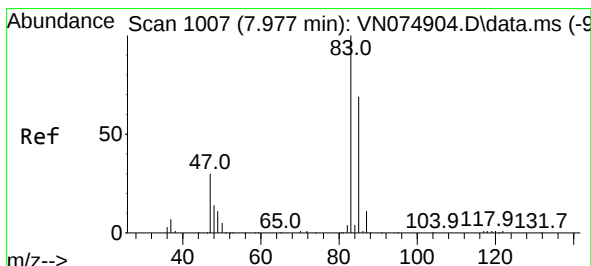
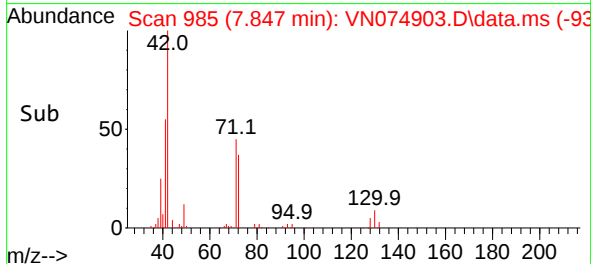
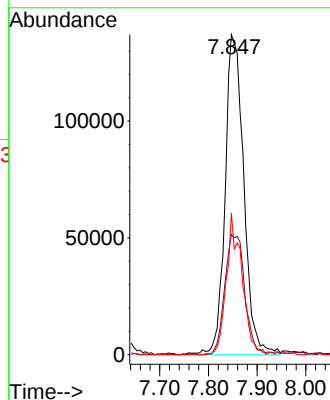
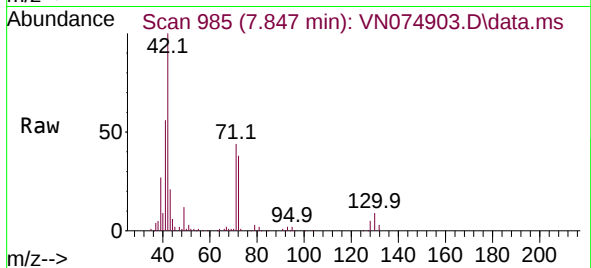




#29
Tetrahydrofuran
Concen: 96.865 ug/l
RT: 7.847 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

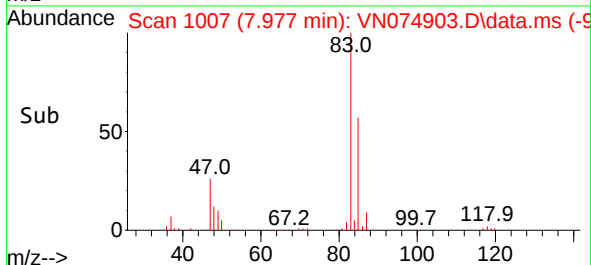
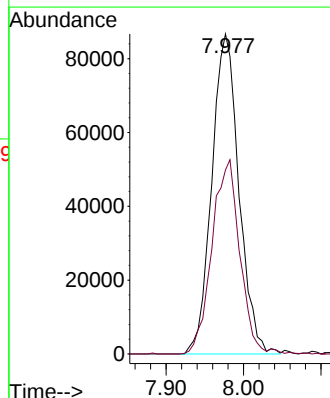
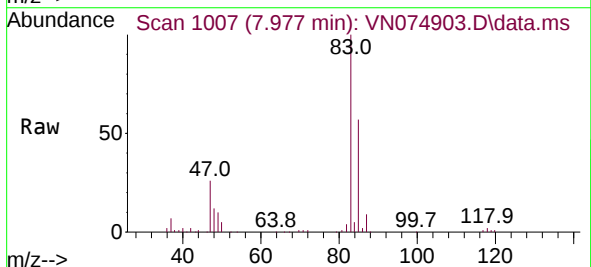
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

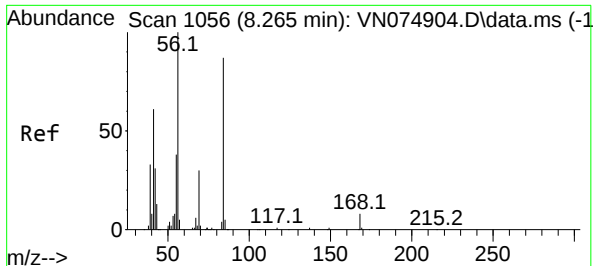
Tgt Ion: 42 Resp: 365483
Ion Ratio Lower Upper
42 100
72 39.9 32.4 48.6
71 37.0 30.7 46.1



#30
Chloroform
Concen: 19.488 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 83 Resp: 211347
Ion Ratio Lower Upper
83 100
85 57.5 55.2 82.8





#31

Cyclohexane

Concen: 18.389 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

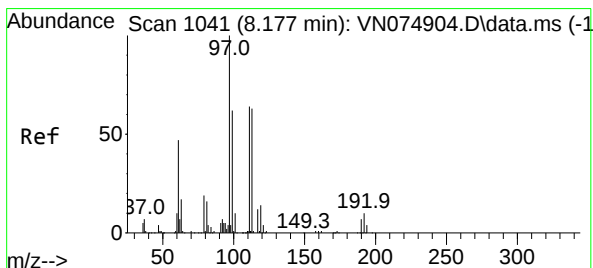
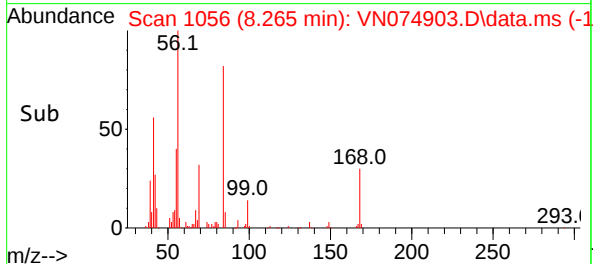
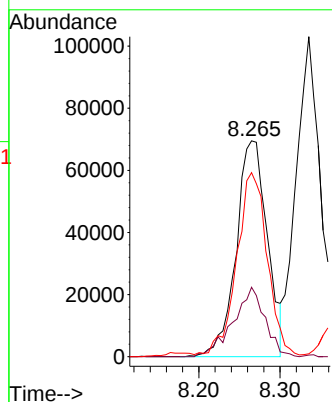
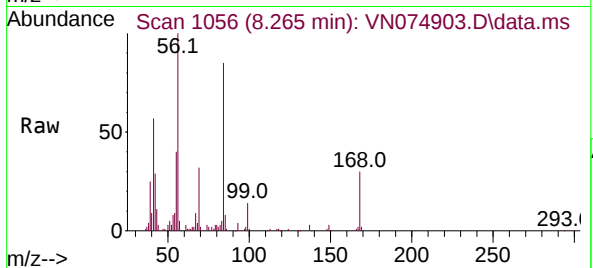
Tgt Ion: 56 Resp: 184917

Ion Ratio Lower Upper

56 100

69 32.2 24.3 36.5

84 83.3 69.8 104.8



#32

1,1,1-Trichloroethane

Concen: 19.142 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

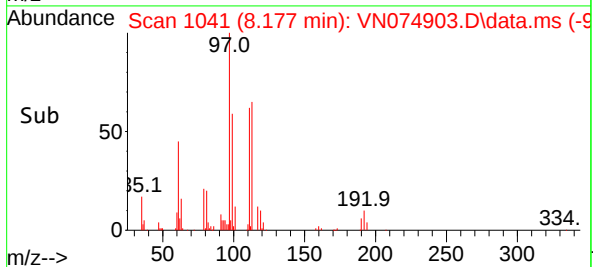
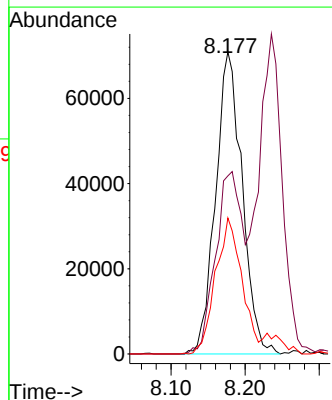
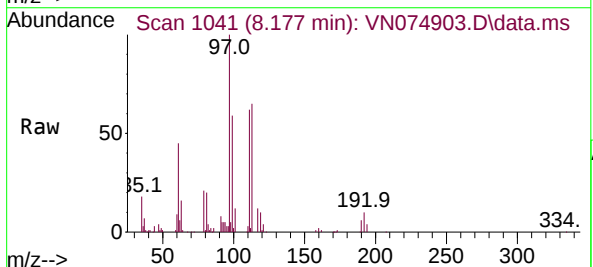
Tgt Ion: 97 Resp: 176278

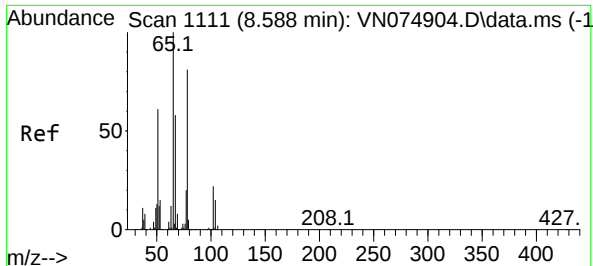
Ion Ratio Lower Upper

97 100

99 60.5 52.1 78.1

61 44.6 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 20.310 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

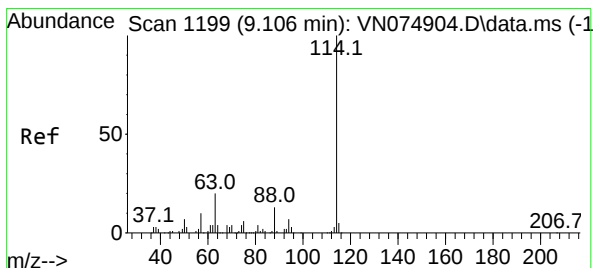
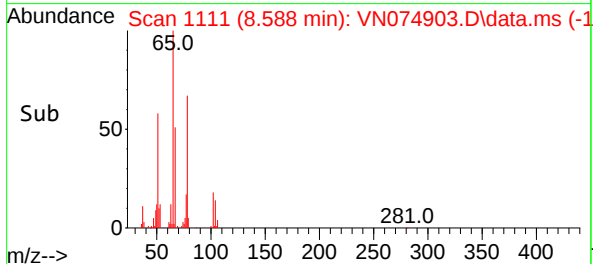
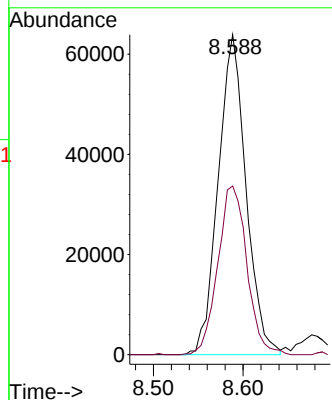
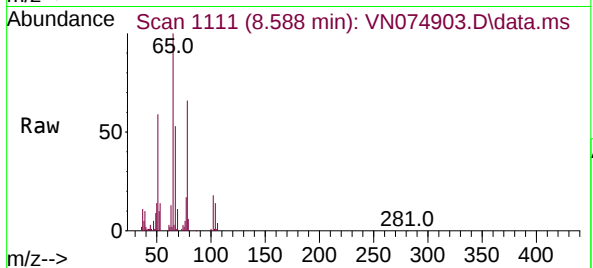
VSTDICC020

Tgt Ion: 65 Resp: 137537

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

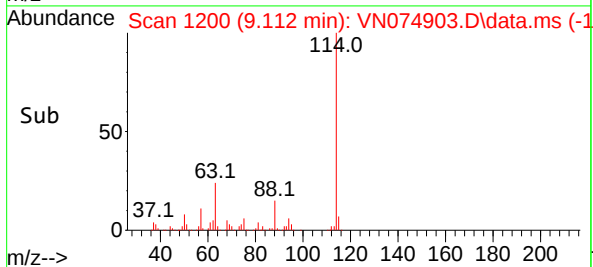
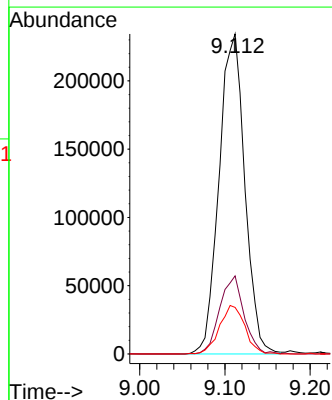
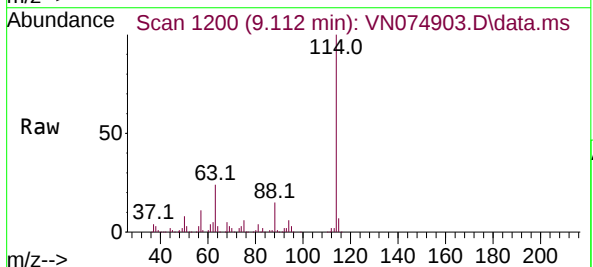
Tgt Ion: 114 Resp: 491791

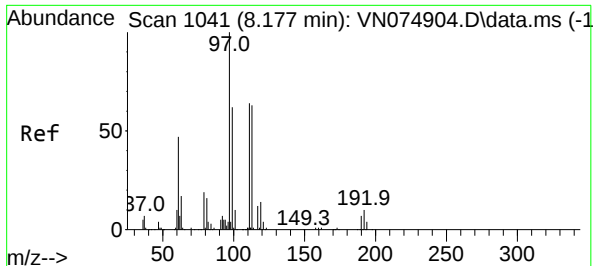
Ion Ratio Lower Upper

114 100

63 24.4 0.0 40.8

88 14.5 0.0 25.8

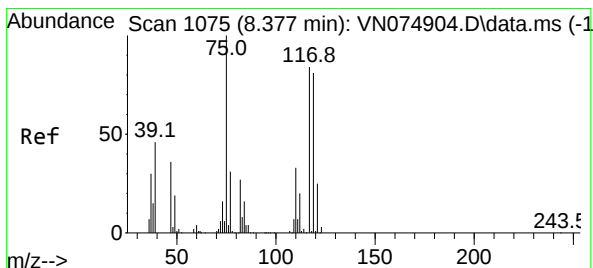
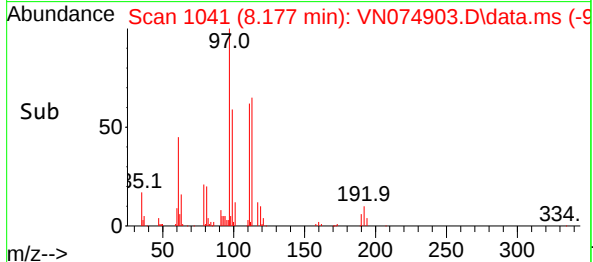
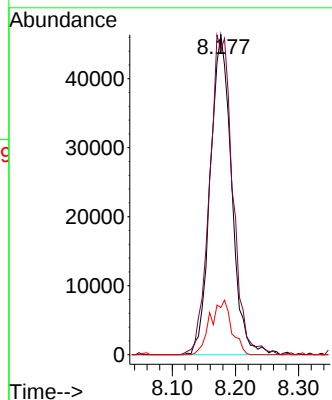
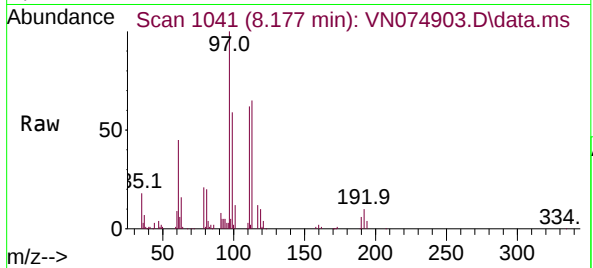




#35
Dibromofluoromethane
Concen: 20.404 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

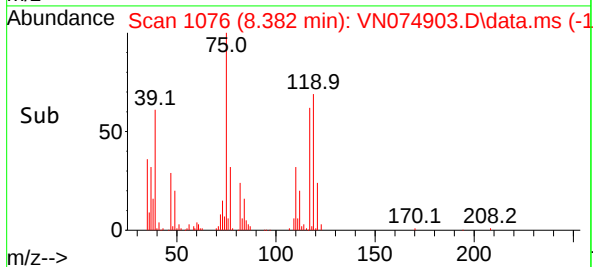
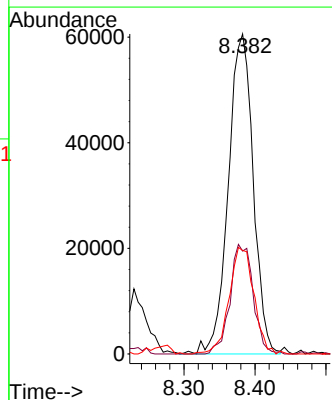
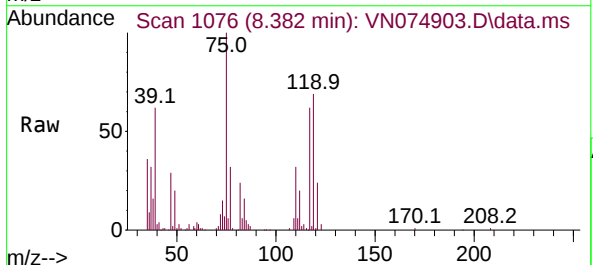
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

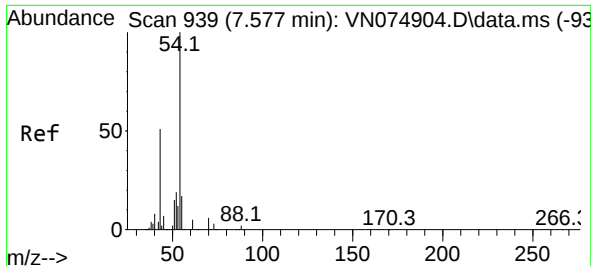
Tgt Ion:113 Resp: 108993
Ion Ratio Lower Upper
113 100
111 108.0 81.1 121.7
192 17.1 13.1 19.7



#36
1,1-Dichloropropene
Concen: 18.864 ug/l
RT: 8.382 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 75 Resp: 147717
Ion Ratio Lower Upper
75 100
110 31.8 16.3 48.8
77 33.2 24.8 37.2





#37

Ethyl Acetate

Concen: 19.509 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

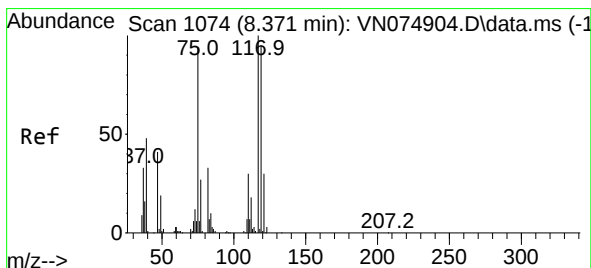
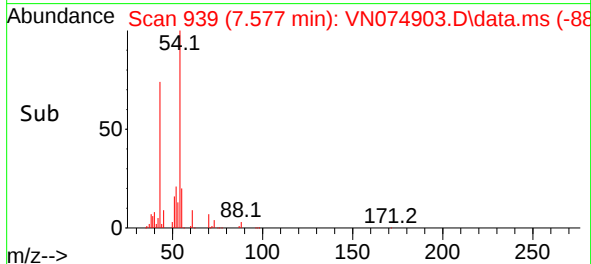
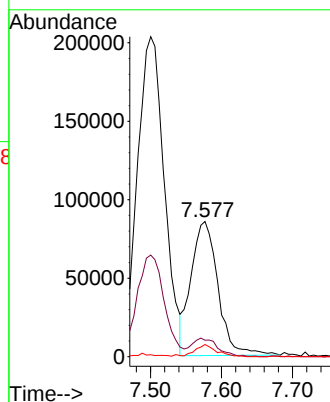
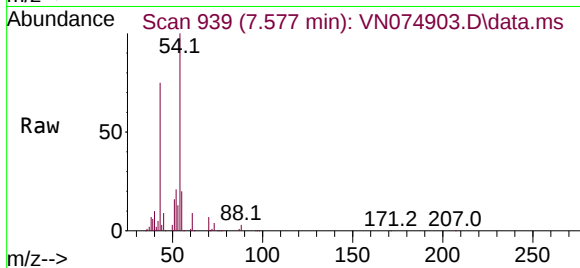
Tgt Ion: 43 Resp: 226785

Ion Ratio Lower Upper

43 100

61 13.2 10.5 15.7

70 7.4 6.4 9.6



#38

Carbon Tetrachloride

Concen: 19.100 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

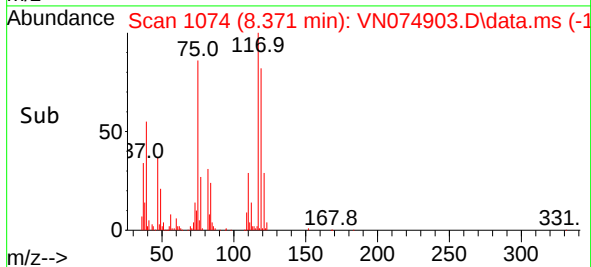
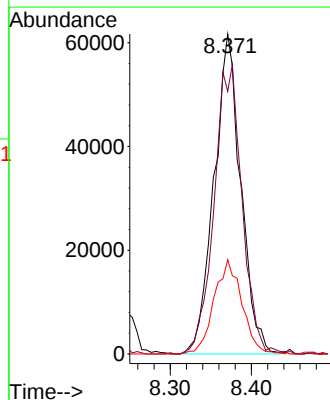
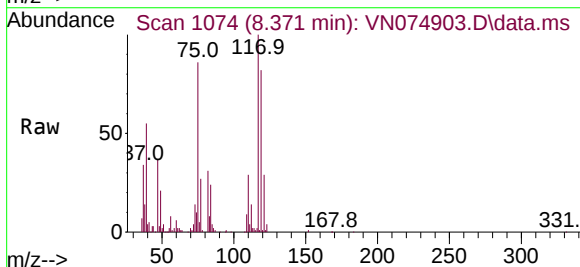
Tgt Ion: 117 Resp: 141379

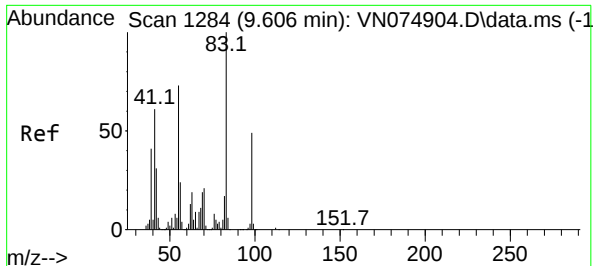
Ion Ratio Lower Upper

117 100

119 82.0 75.8 113.8

121 29.4 23.8 35.6





#39

Methylcyclohexane

Concen: 18.492 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

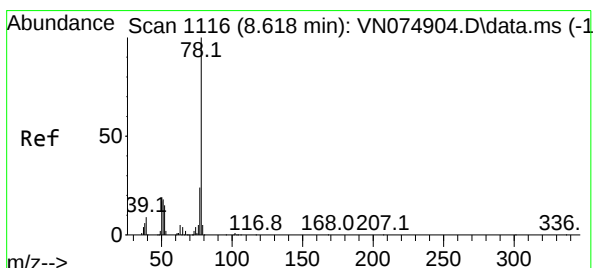
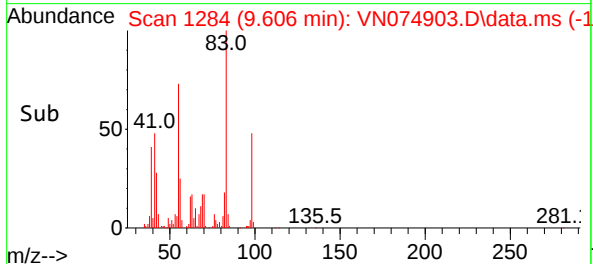
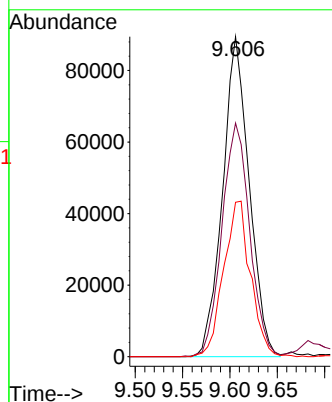
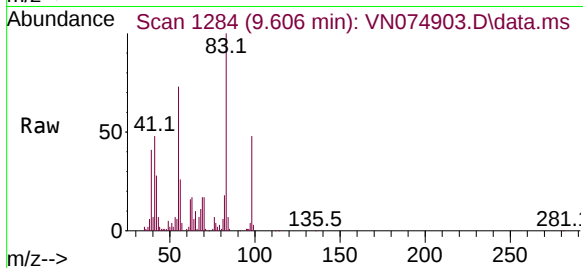
Tgt Ion: 83 Resp: 174607

Ion Ratio Lower Upper

83 100

55 73.0 58.2 87.2

98 48.3 39.3 58.9



#40

Benzene

Concen: 18.264 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN074903.D

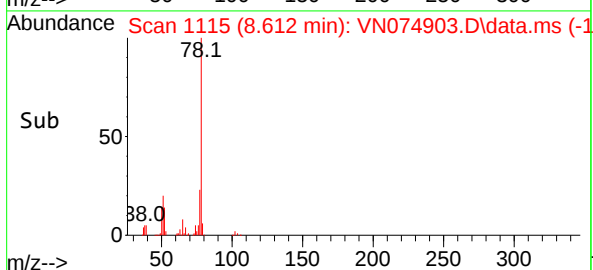
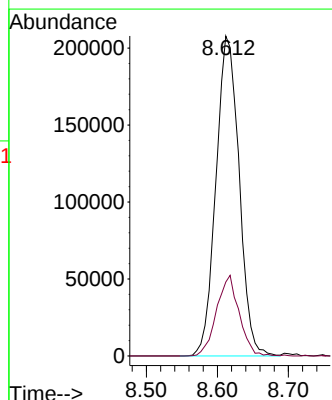
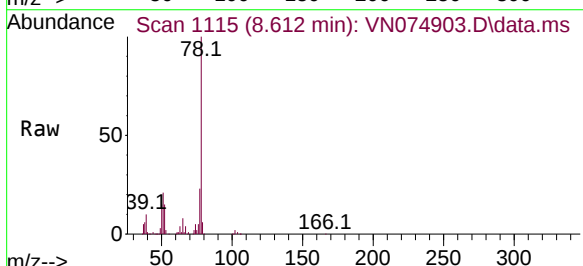
Acq: 14 Oct 2022 11:11

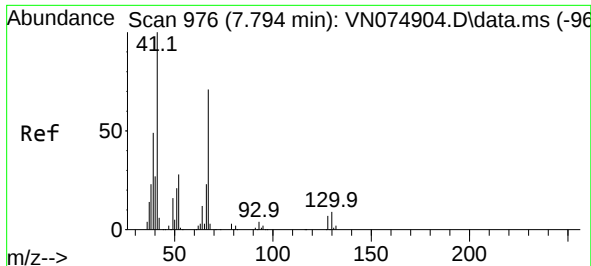
Tgt Ion: 78 Resp: 470374

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

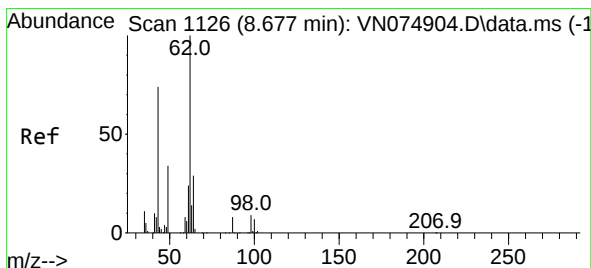
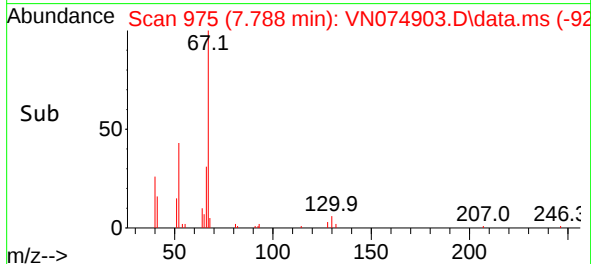
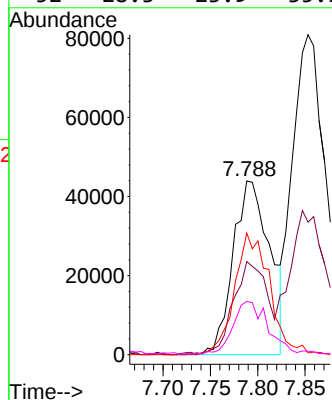
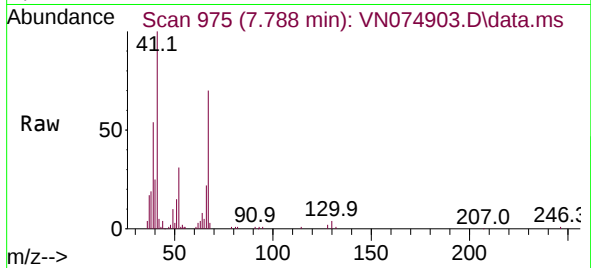




#41
Methacrylonitrile
Concen: 20.706 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

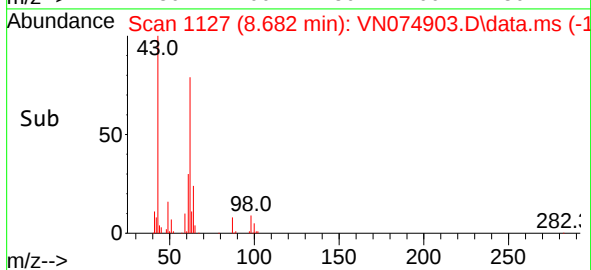
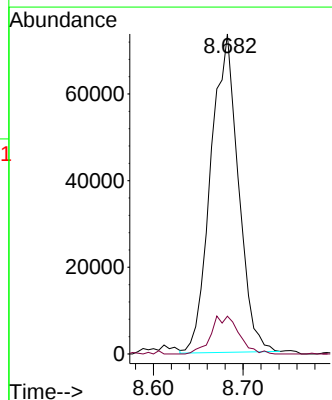
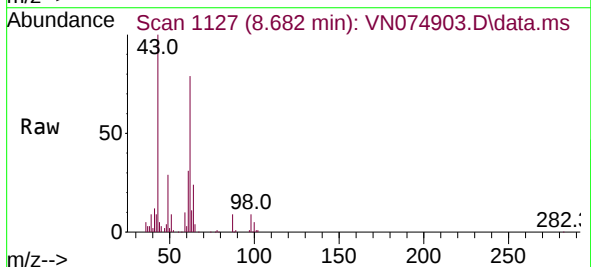
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

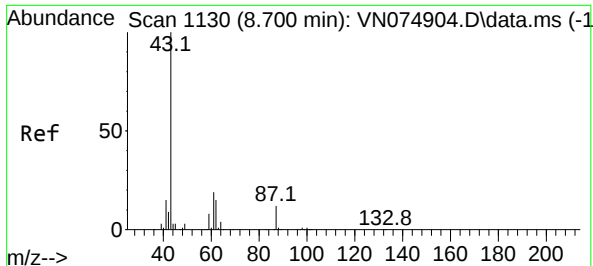
Tgt Ion: 41 Resp: 118493
Ion Ratio Lower Upper
41 100
39 48.8 43.4 65.0
67 66.8 58.0 87.0
52 28.3 23.9 35.9



#42
1,2-Dichloroethane
Concen: 18.684 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 62 Resp: 157202
Ion Ratio Lower Upper
62 100
98 12.1 0.0 19.4

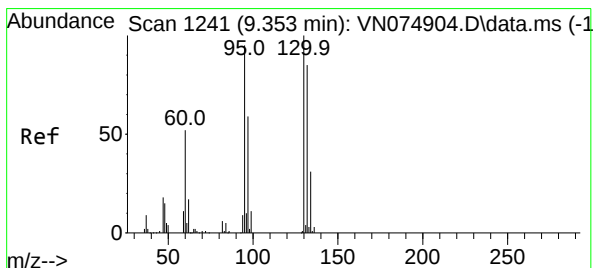
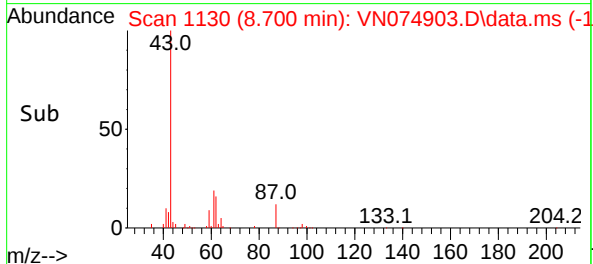
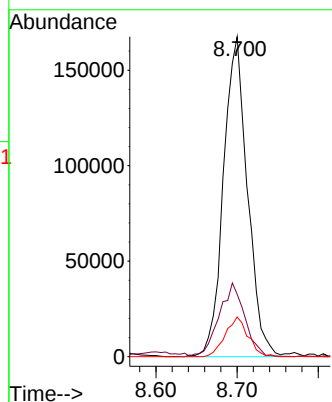
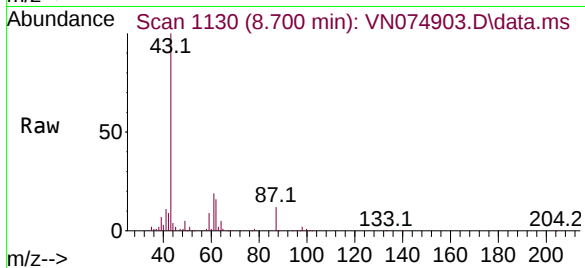




#43
Isopropyl Acetate
Concen: 19.240 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

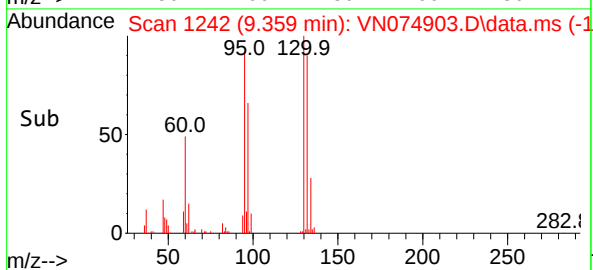
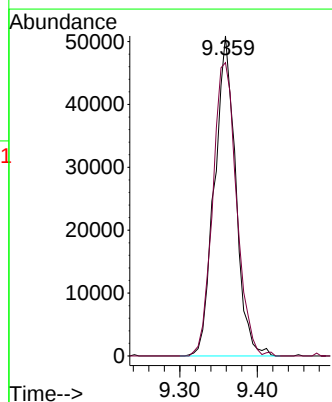
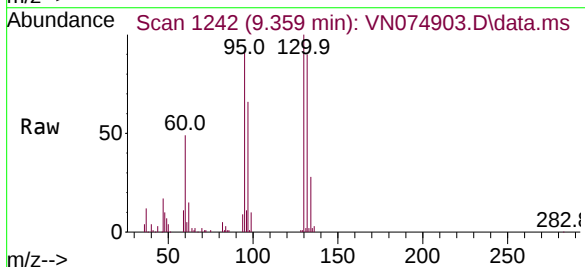
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

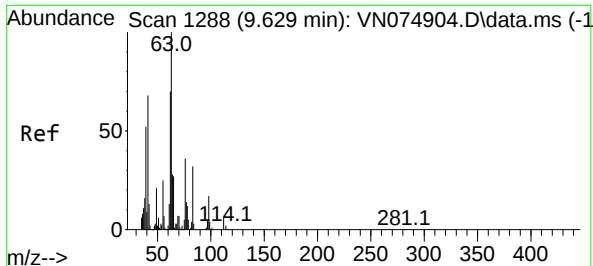
Tgt Ion: 43 Resp: 344263
Ion Ratio Lower Upper
43 100
61 24.6 19.2 28.8
87 11.7 9.8 14.8



#44
Trichloroethene
Concen: 17.902 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:130 Resp: 96490
Ion Ratio Lower Upper
130 100
95 91.6 0.0 189.2





#45

1,2-Dichloropropane

Concen: 18.688 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

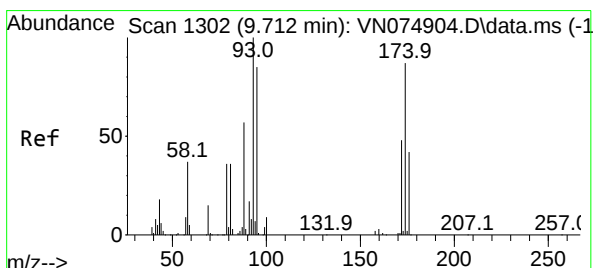
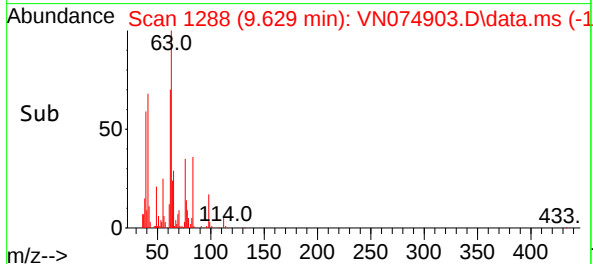
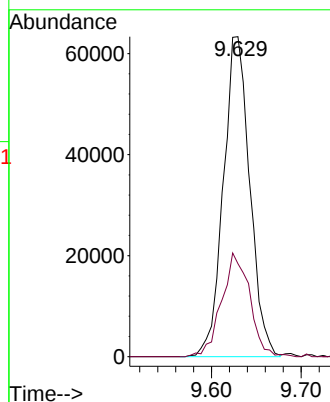
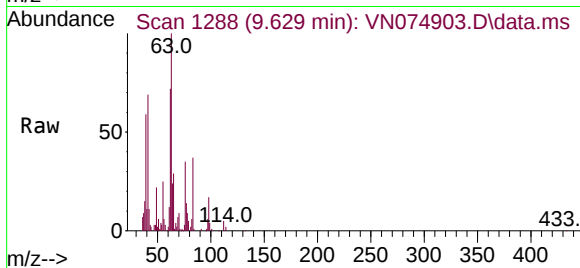
VSTDICC020

Tgt Ion: 63 Resp: 129563

Ion Ratio Lower Upper

63 100

65 29.0 21.9 32.9



#46

Dibromomethane

Concen: 18.267 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

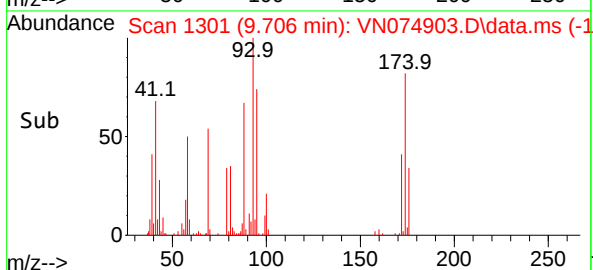
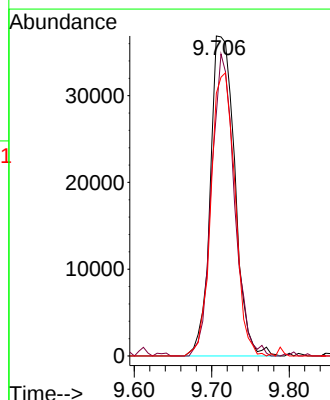
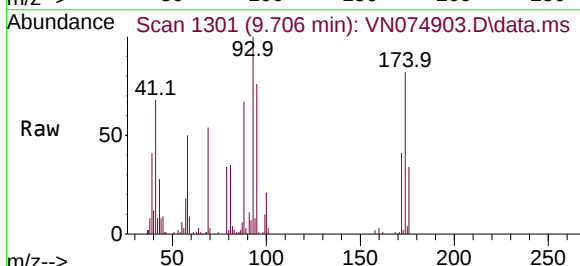
Tgt Ion: 93 Resp: 81090

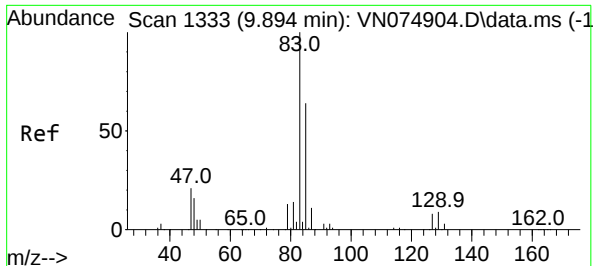
Ion Ratio Lower Upper

93 100

95 87.9 67.4 101.2

174 86.3 67.8 101.8





#47

Bromodichloromethane

Concen: 19.116 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

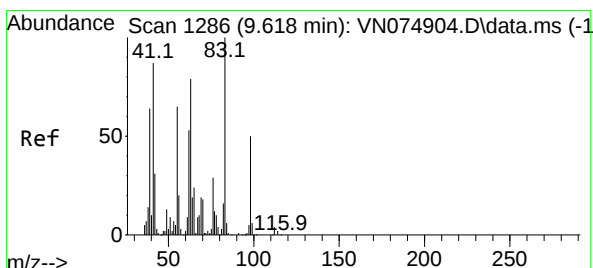
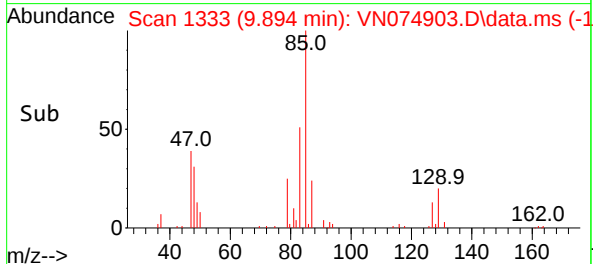
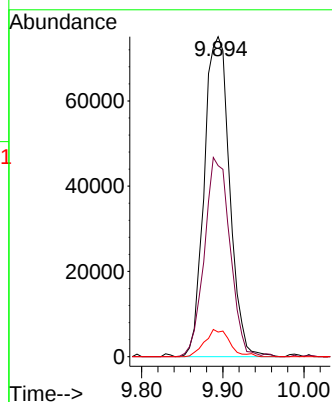
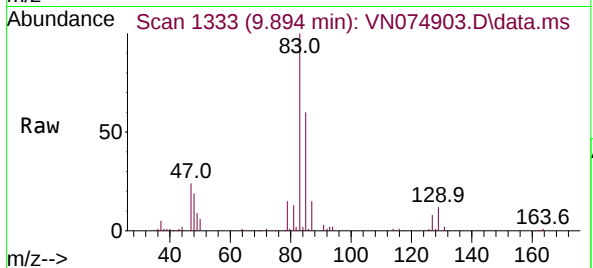
Tgt Ion: 83 Resp: 162822

Ion Ratio Lower Upper

83 100

85 59.7 51.0 76.4

127 7.7 6.4 9.6



#48

Methyl methacrylate

Concen: 17.463 ug/l

RT: 9.612 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

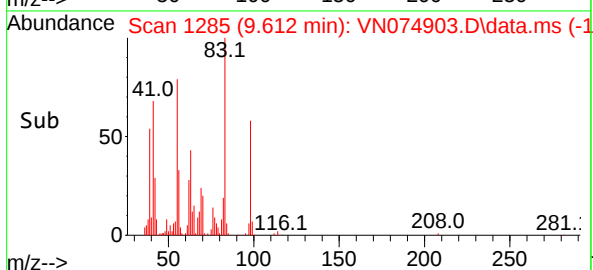
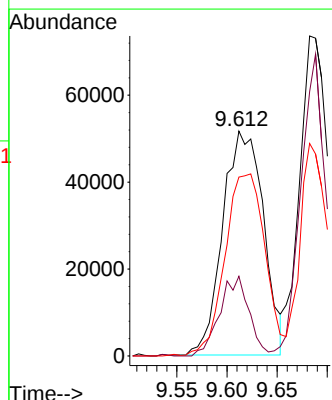
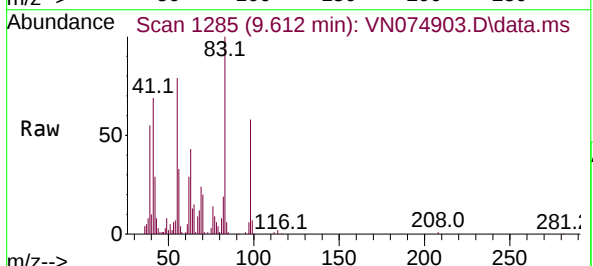
Tgt Ion: 41 Resp: 145519

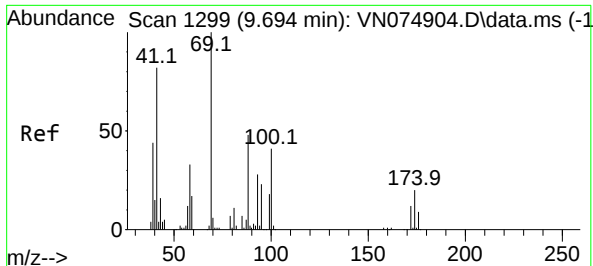
Ion Ratio Lower Upper

41 100

69 25.6 0.0 0.0#

39 80.5 58.9 88.3

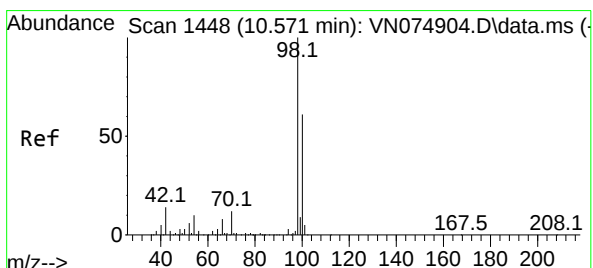
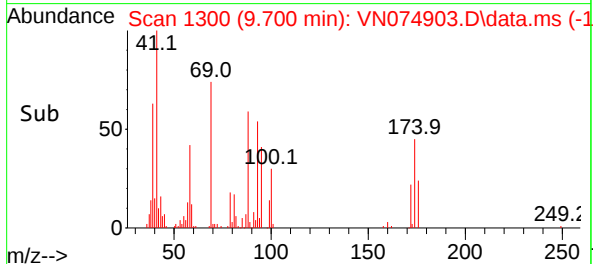
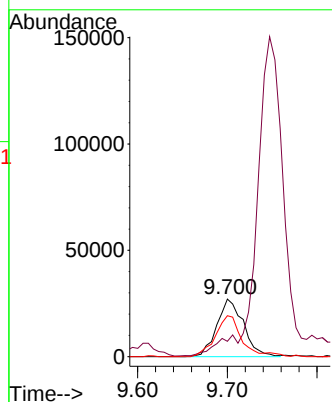
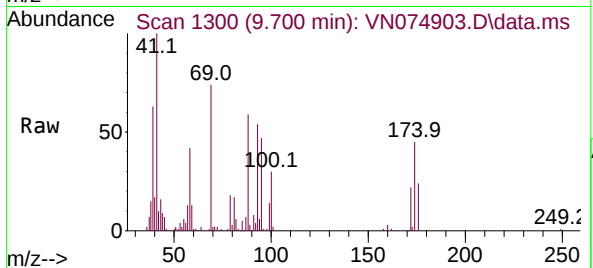




#49
1,4-Dioxane
Concen: 369.119 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

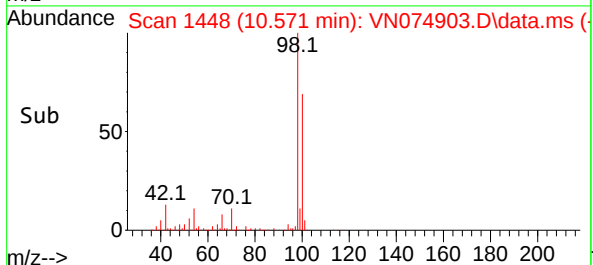
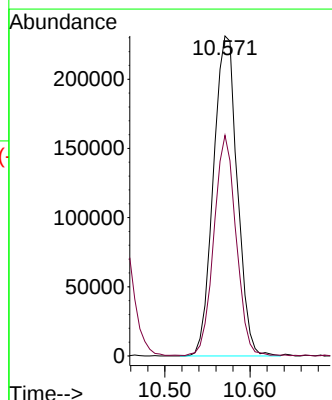
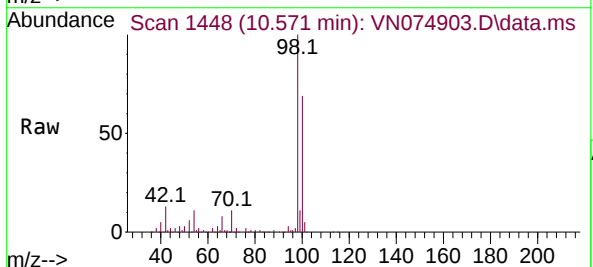
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

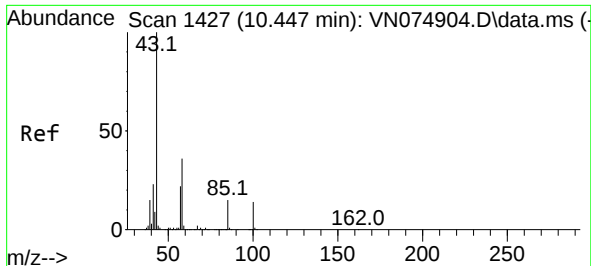
Tgt Ion: 88 Resp: 56041
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 70.5 57.0 85.6



#50
Toluene-d8
Concen: 20.455 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 98 Resp: 450782
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.6

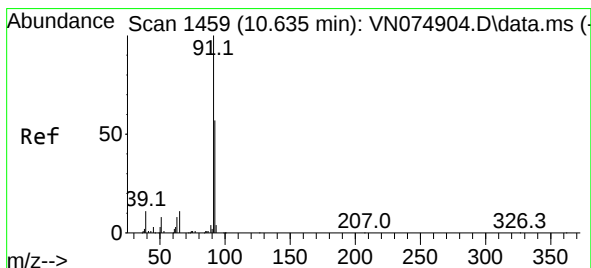
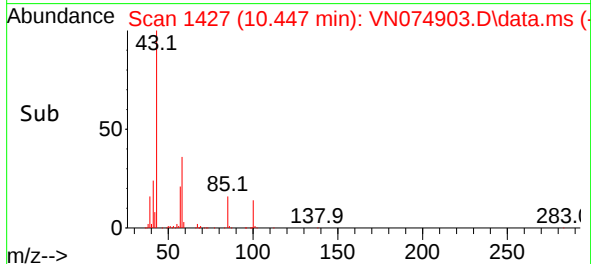
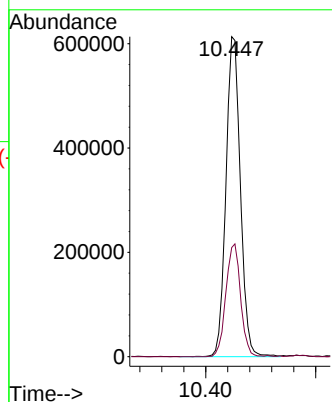
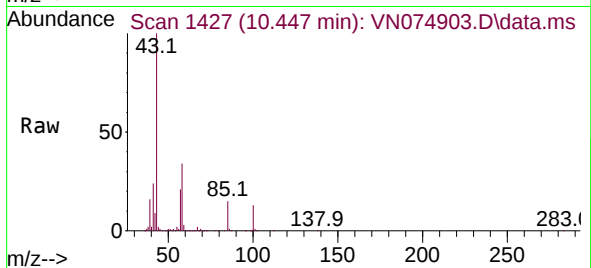




#51
4-Methyl-2-Pentanone
Concen: 97.227 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

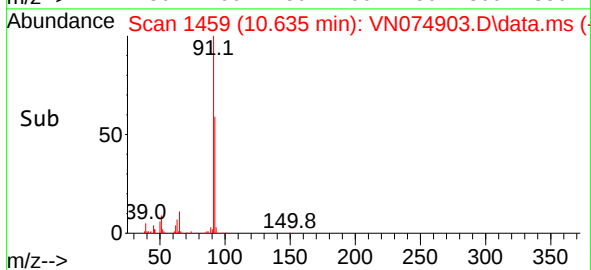
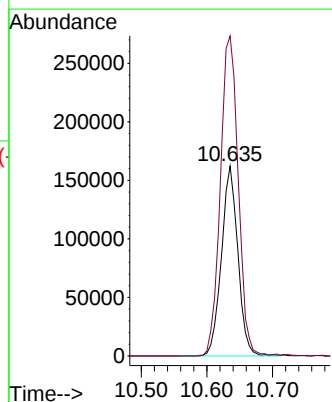
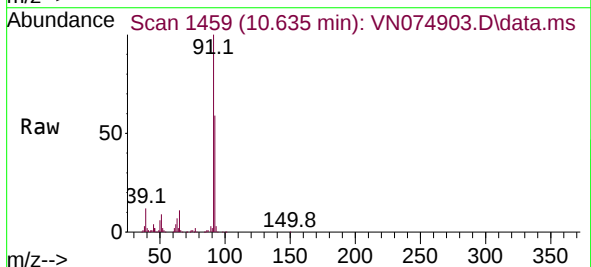
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

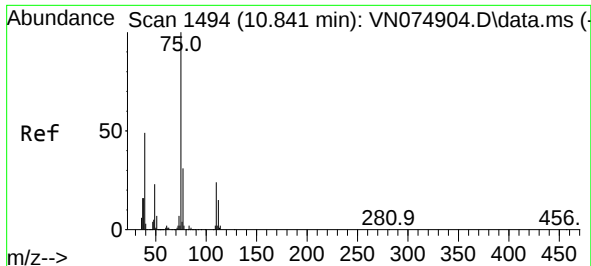
Tgt Ion: 43 Resp: 1118654
Ion Ratio Lower Upper
43 100
58 35.9 30.1 45.1



#52
Toluene
Concen: 18.216 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 92 Resp: 281012
Ion Ratio Lower Upper
92 100
91 183.1 140.0 210.0

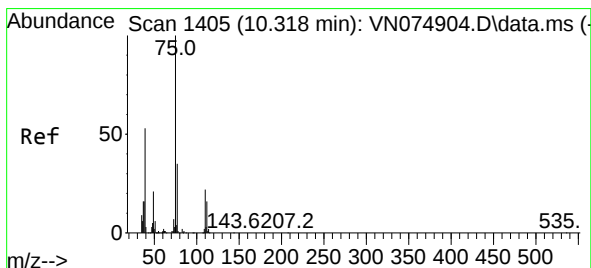
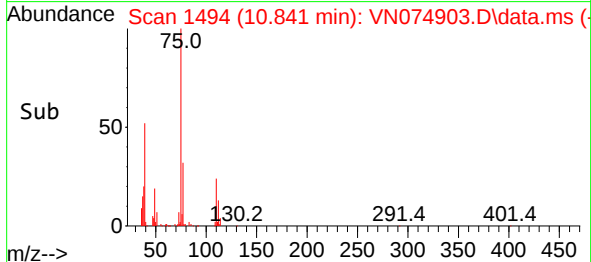
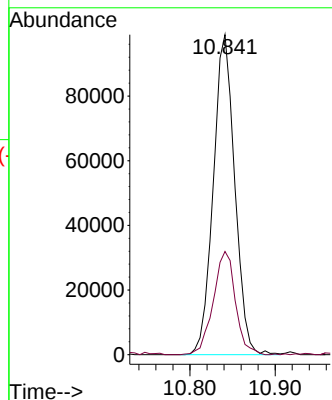
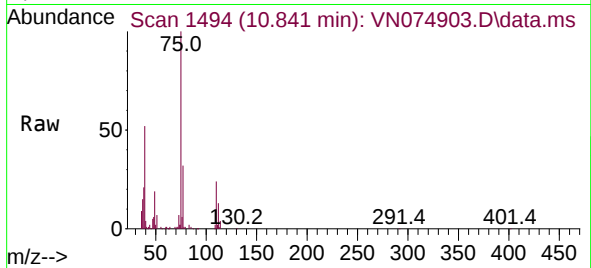




#53
t-1,3-Dichloropropene
Concen: 18.600 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

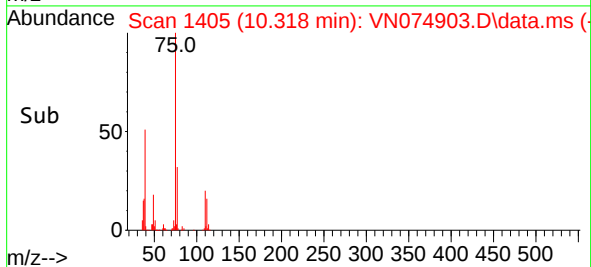
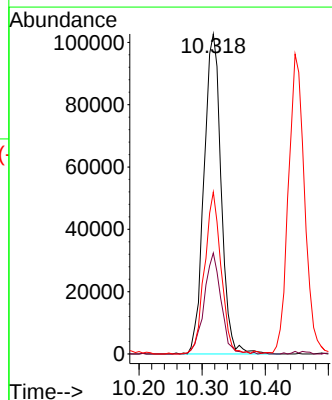
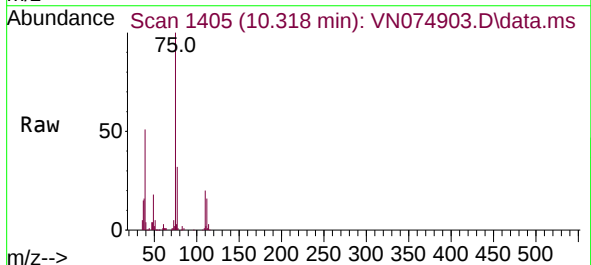
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

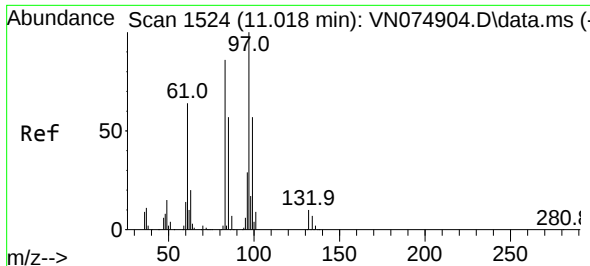
Tgt Ion: 75 Resp: 173140
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 19.567 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 75 Resp: 194196
Ion Ratio Lower Upper
75 100
77 31.6 27.8 41.8
39 50.6 42.2 63.4



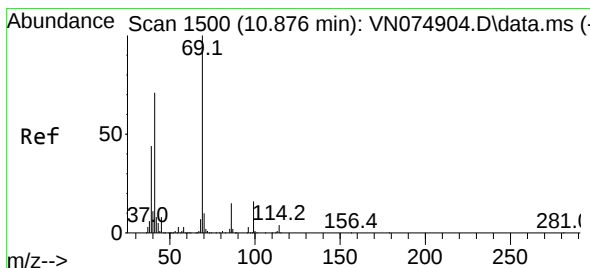
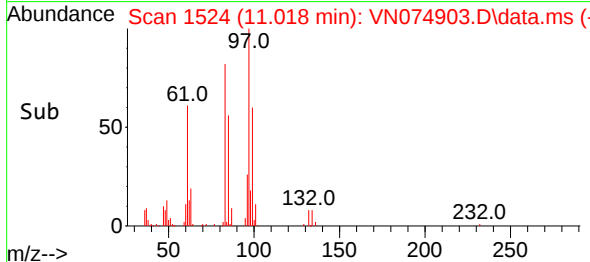
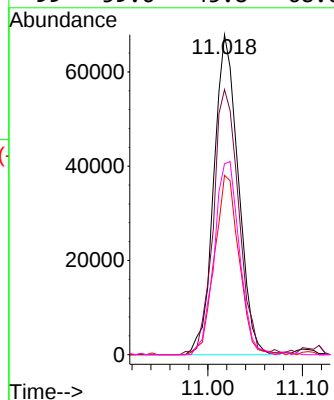
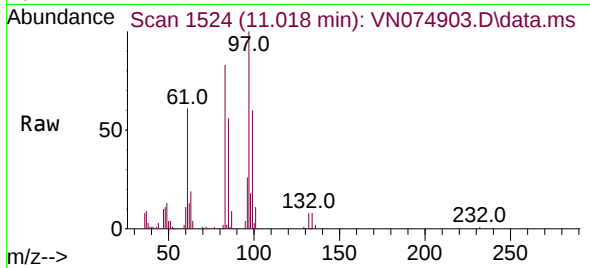


#55
1,1,2-Trichloroethane
Concen: 19.710 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 122132

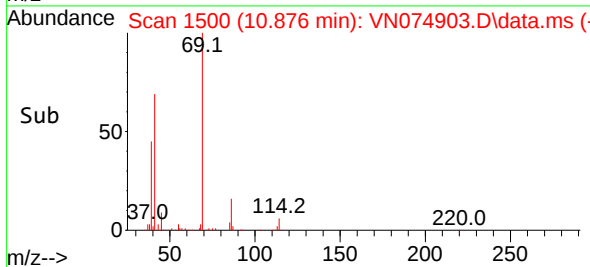
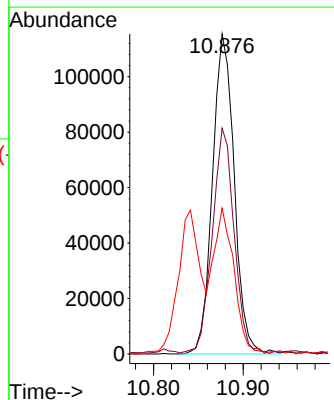
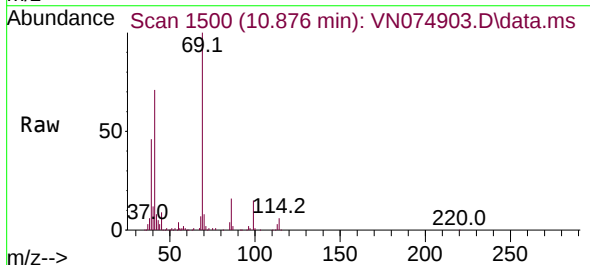
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.7	103.1
85	56.1	45.9	68.9
99	59.6	45.8	68.6

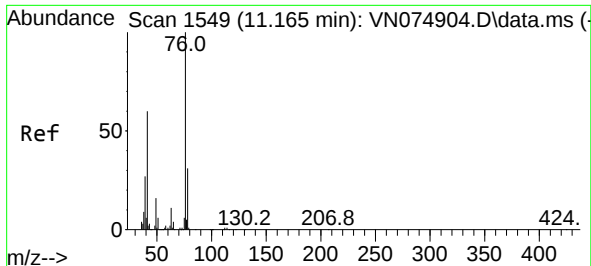


#56
Ethyl methacrylate
Concen: 19.565 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 69 Resp: 194046

Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.8	86.8
39	42.4	34.9	52.3





#57

1,3-Dichloropropane

Concen: 19.010 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

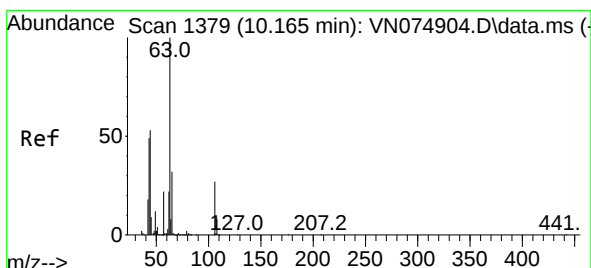
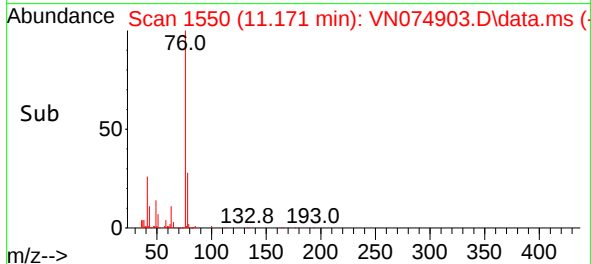
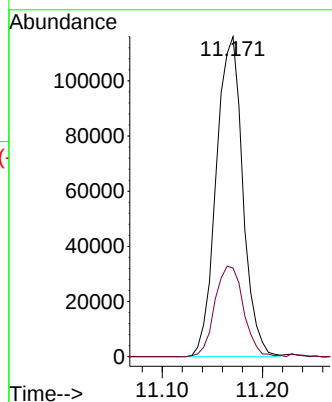
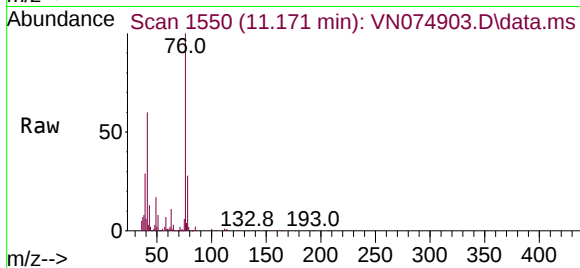
VSTDIC020

Tgt Ion: 76 Resp: 213630

Ion Ratio Lower Upper

76 100

78 30.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 93.902 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074903.D

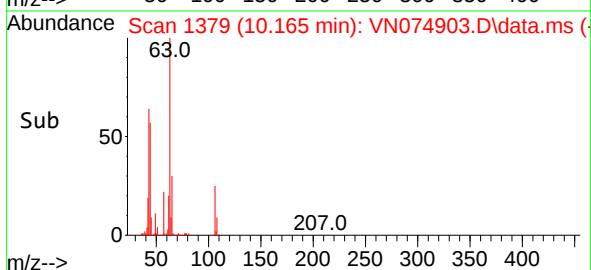
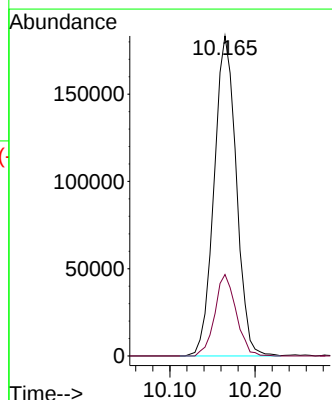
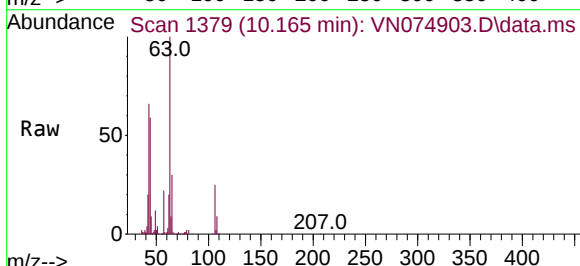
Acq: 14 Oct 2022 11:11

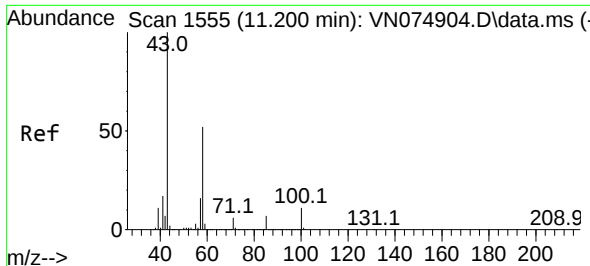
Tgt Ion: 63 Resp: 331547

Ion Ratio Lower Upper

63 100

106 24.4 20.8 31.2

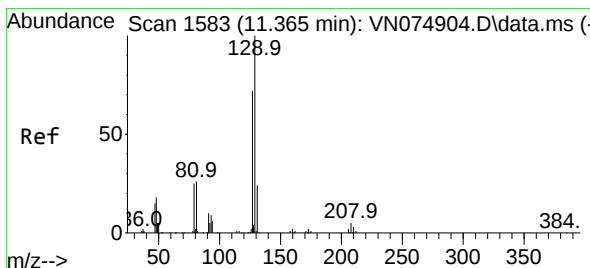
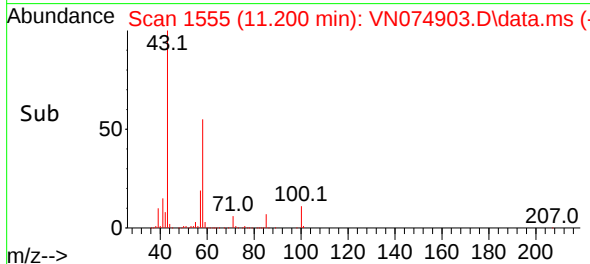
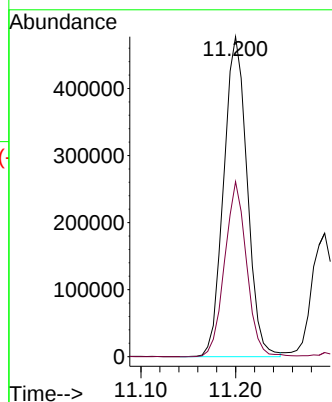
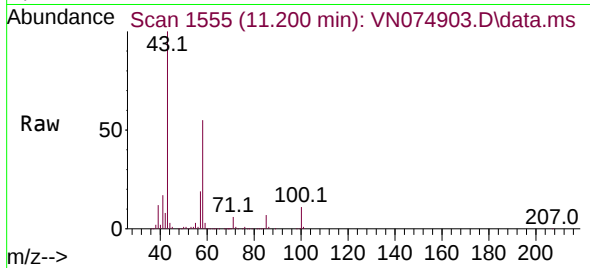




#59
2-Hexanone
Concen: 97.754 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

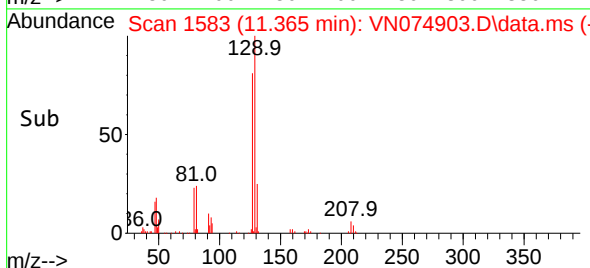
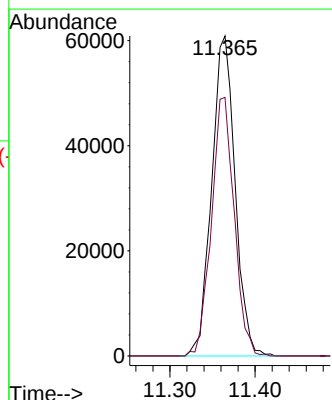
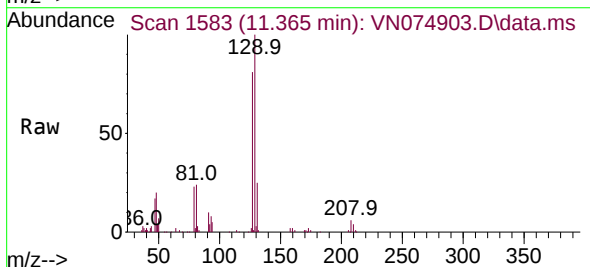
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

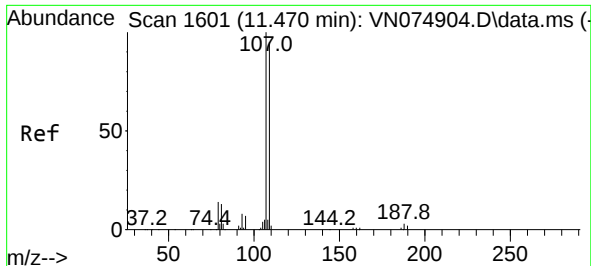
Tgt Ion: 43 Resp: 821133
Ion Ratio Lower Upper
43 100
58 51.3 26.8 80.3



#60
Dibromochloromethane
Concen: 18.742 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 129 Resp: 116374
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.3

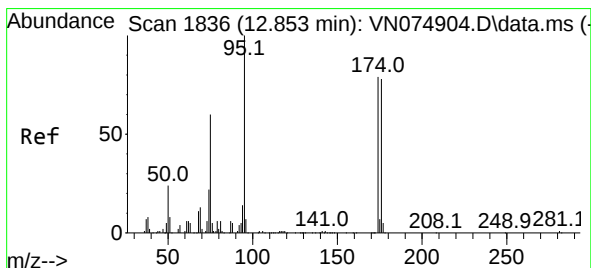
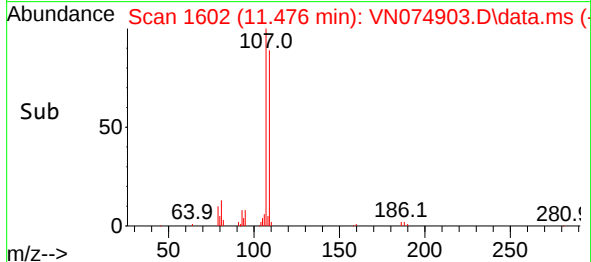
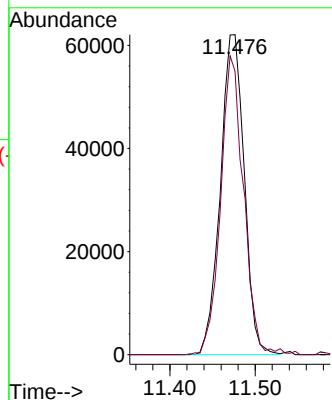
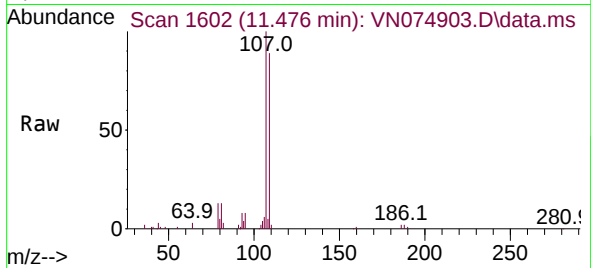




#61
1,2-Dibromoethane
Concen: 19.708 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

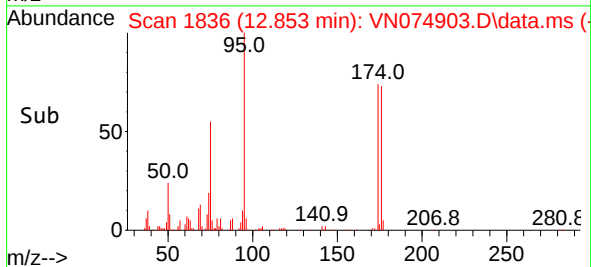
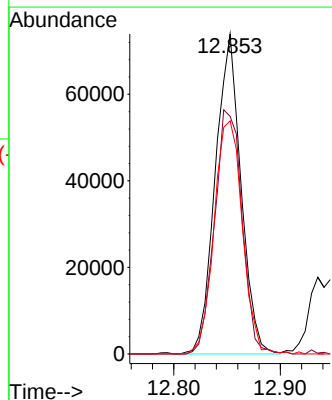
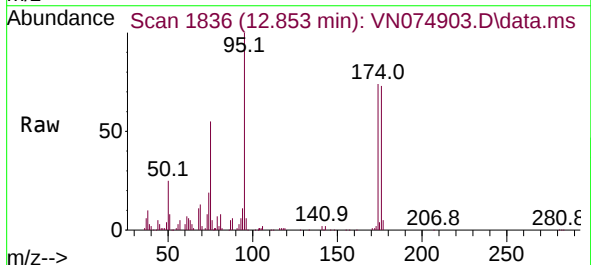
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

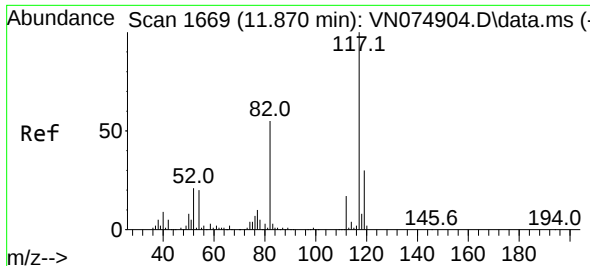
Tgt Ion:107 Resp: 120780
Ion Ratio Lower Upper
107 100
109 89.9 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 19.710 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 95 Resp: 123676
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.4
176 80.0 0.0 152.4

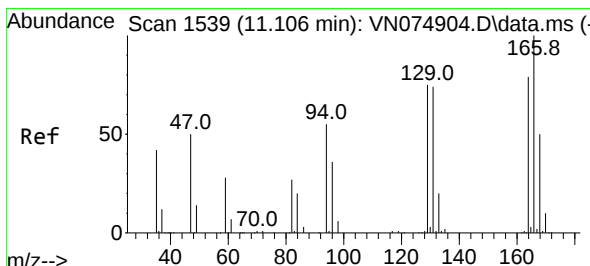
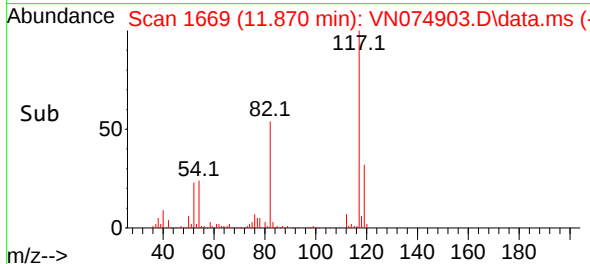
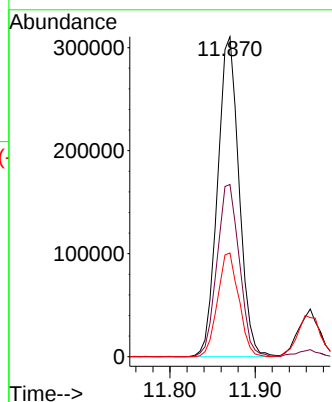
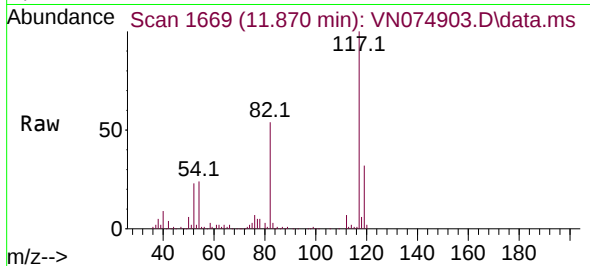




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

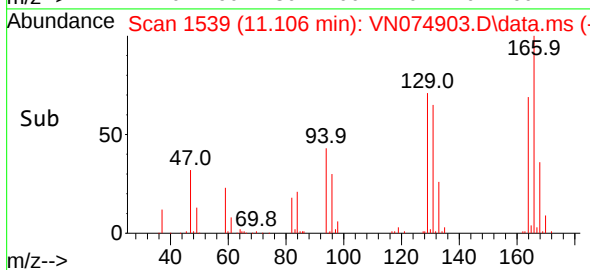
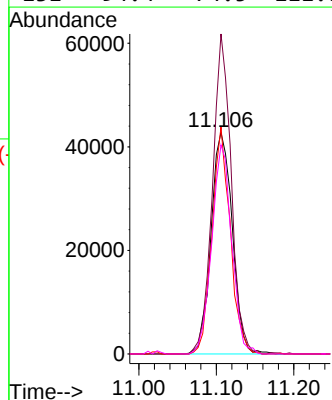
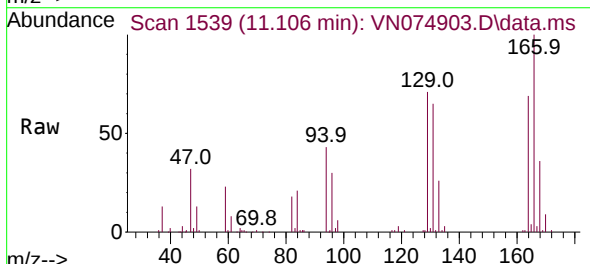
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

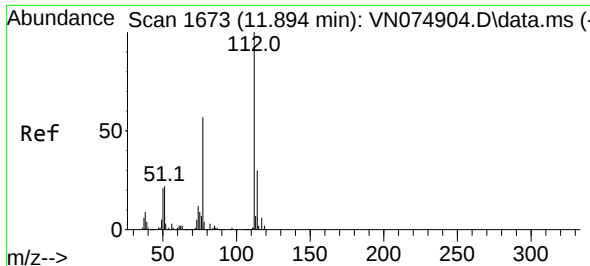
Tgt Ion:117 Resp: 545327
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.4 24.4 36.6



#64
Tetrachloroethene
Concen: 18.555 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:164 Resp: 81446
Ion Ratio Lower Upper
164 100
166 144.4 100.9 151.3
129 102.4 75.2 112.8
131 94.4 74.5 111.7

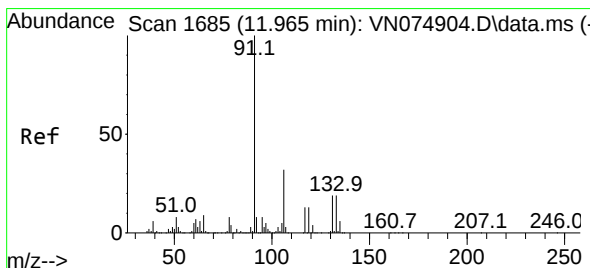
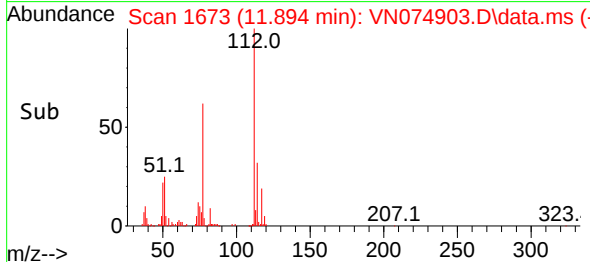
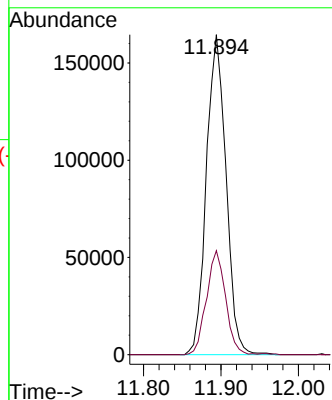
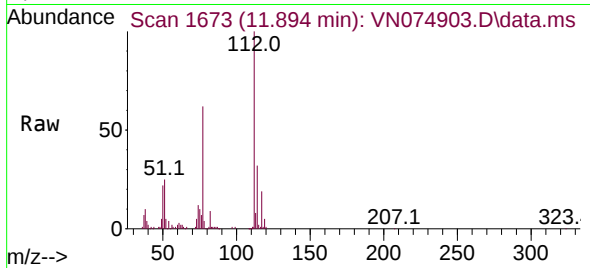




#65
Chlorobenzene
Concen: 18.398 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

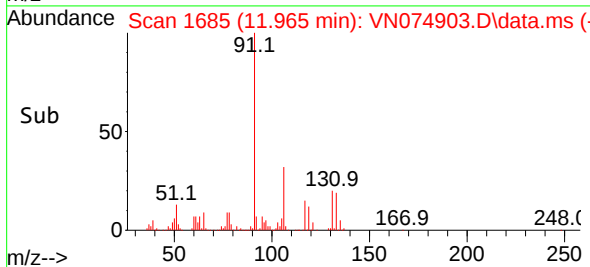
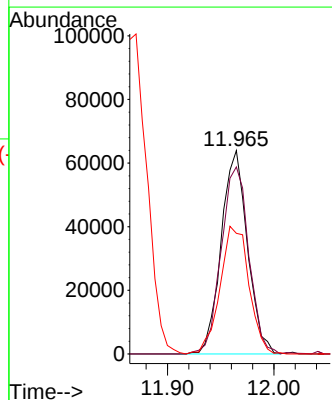
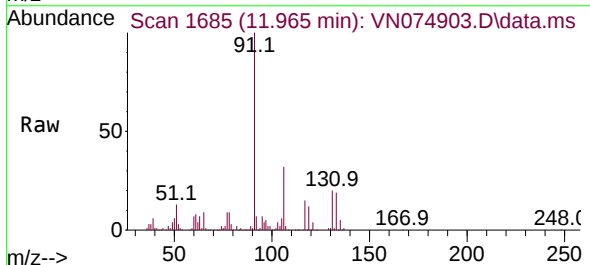
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

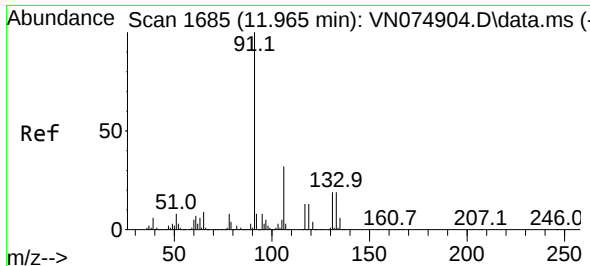
Tgt Ion:112 Resp: 289552
Ion Ratio Lower Upper
112 100
114 32.5 23.9 35.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.555 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:131 Resp: 109493
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 68.9 34.5 103.5

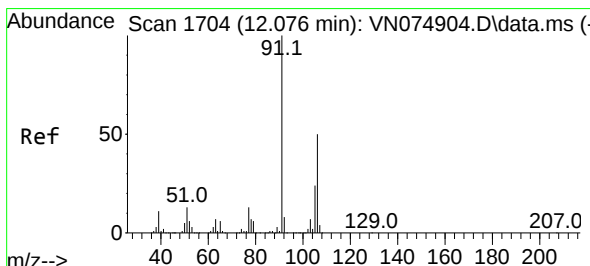
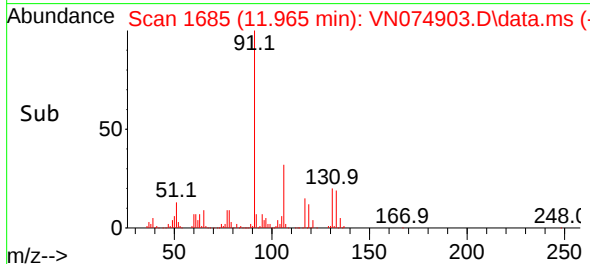
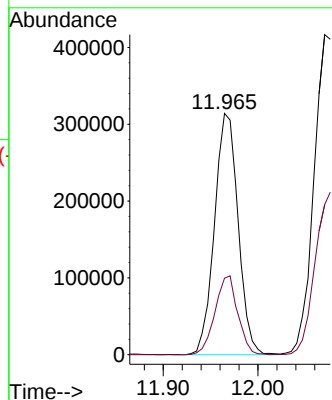
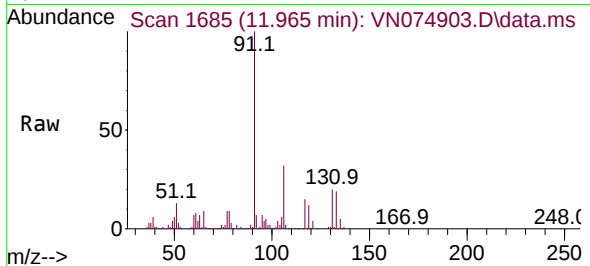




#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

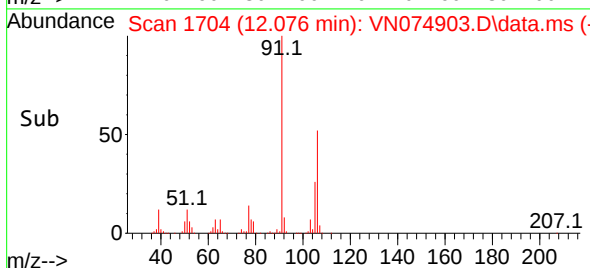
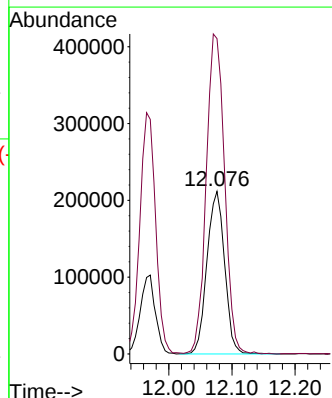
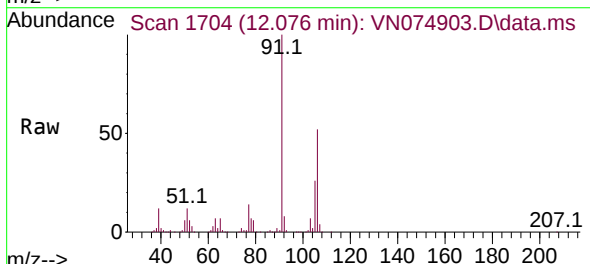
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

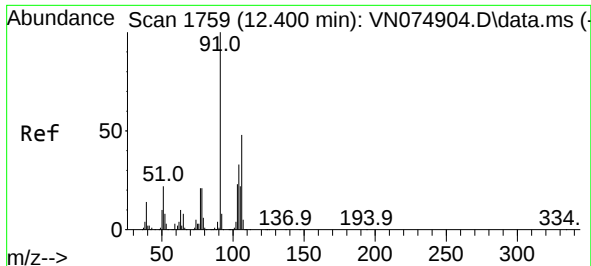
Tgt Ion: 91 Resp: 544797
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8



#68
m/p-Xylenes
Concen: 38.279 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 106 Resp: 411288
Ion Ratio Lower Upper
106 100
91 204.5 161.5 242.3





#69

o-Xylene

Concen: 18.938 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

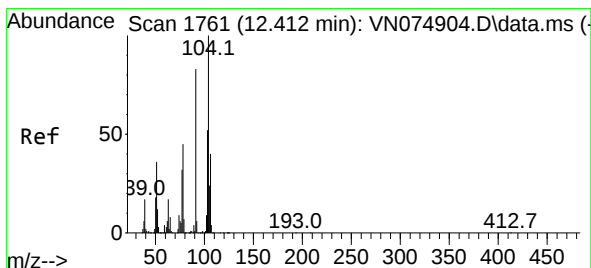
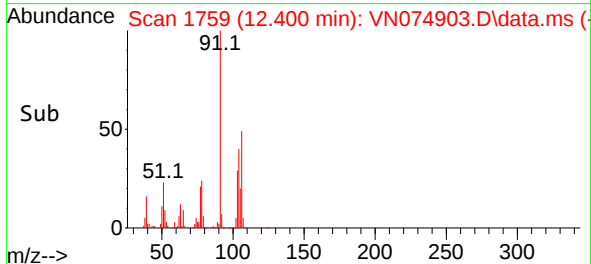
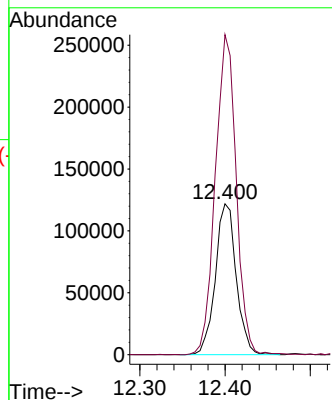
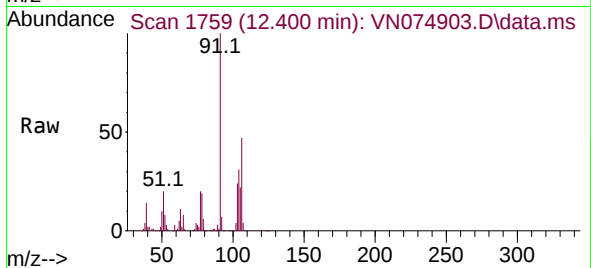
VSTDIC020

Tgt Ion:106 Resp: 207846

Ion Ratio Lower Upper

106 100

91 212.1 106.5 319.6



#70

Styrene

Concen: 19.028 ug/l

RT: 12.418 min Scan# 1762

Delta R.T. 0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

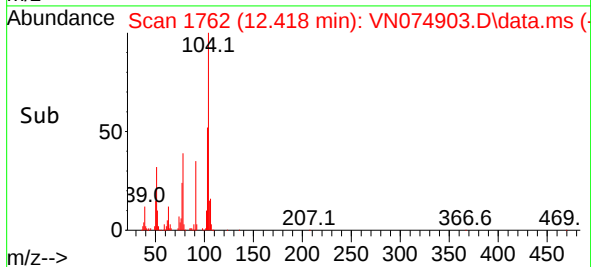
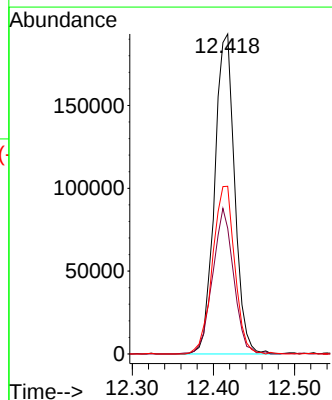
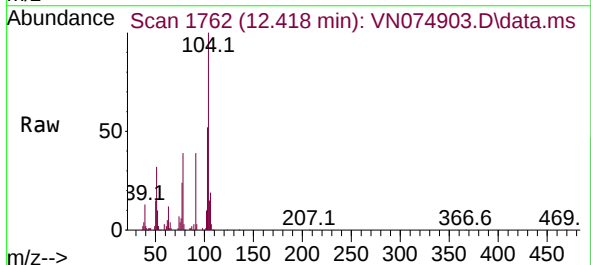
Tgt Ion:104 Resp: 331225

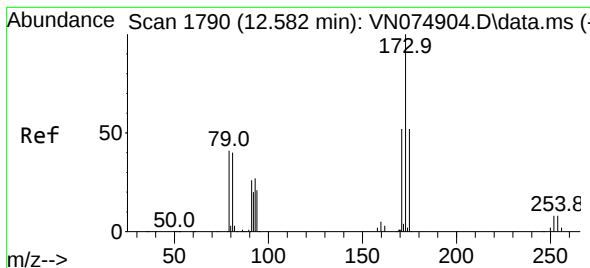
Ion Ratio Lower Upper

104 100

78 47.7 38.8 58.2

103 57.9 43.4 65.0





#71

Bromoform

Concen: 18.095 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

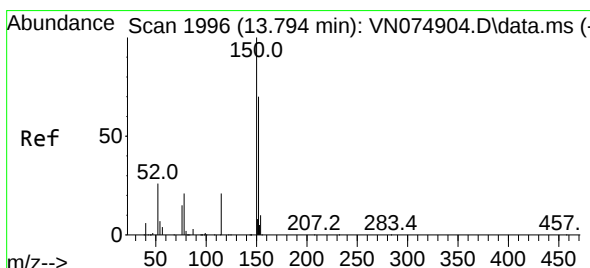
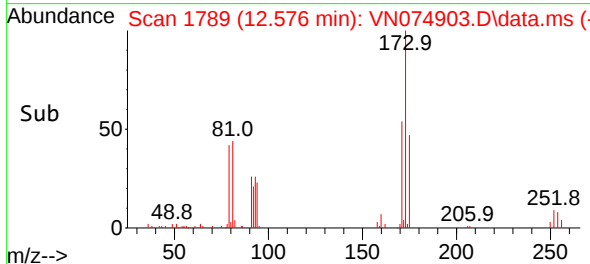
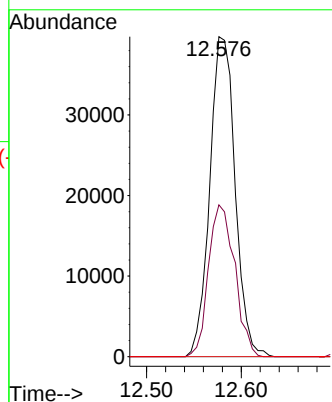
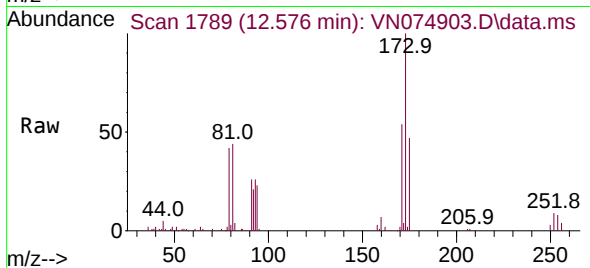
Tgt Ion:173 Resp: 73953

Ion Ratio Lower Upper

173 100

175 49.0 25.2 75.6

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: VN074903.D

Acq: 14 Oct 2022 11:11

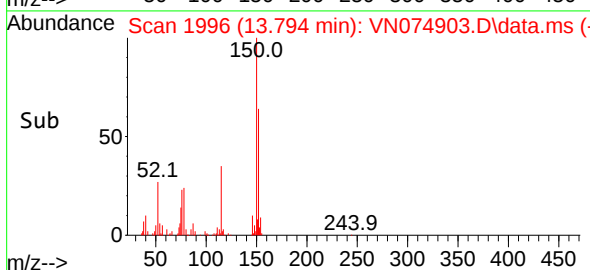
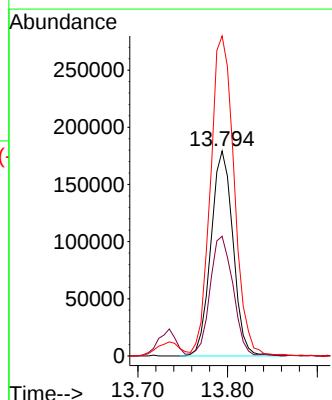
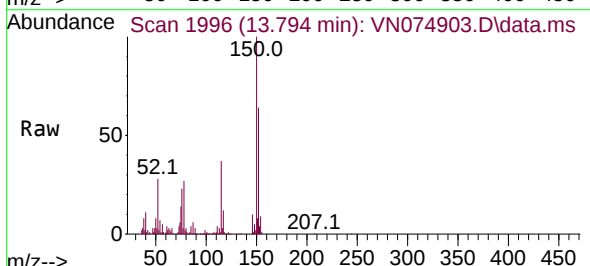
Tgt Ion:152 Resp: 306309

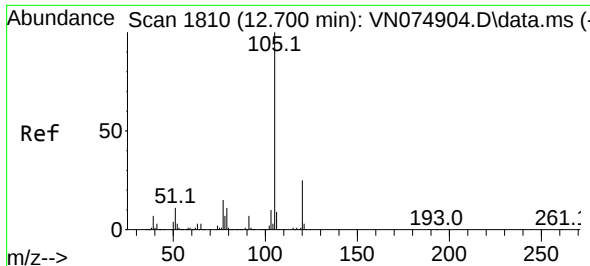
Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

150 167.3 0.0 350.4

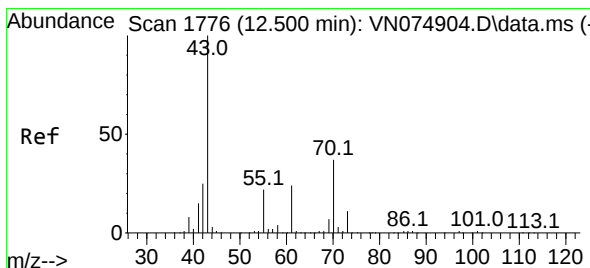
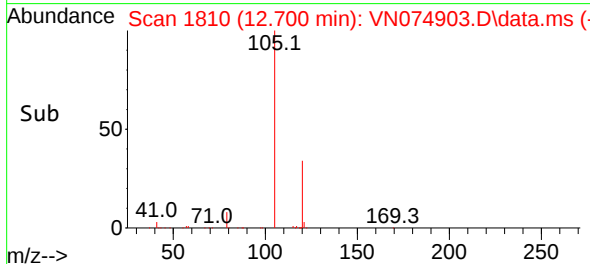
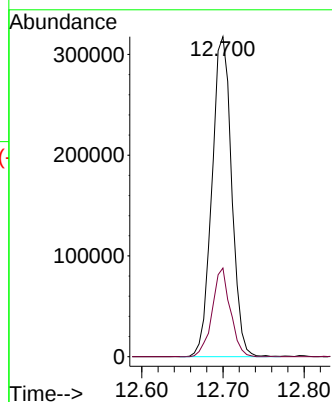
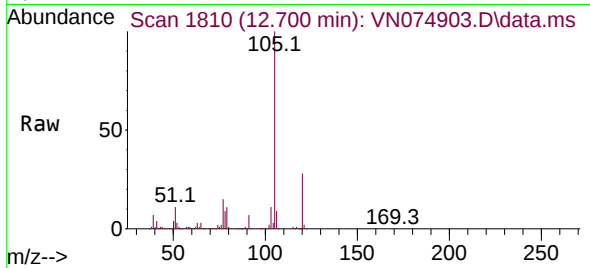




#73
Isopropylbenzene
Concen: 19.635 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

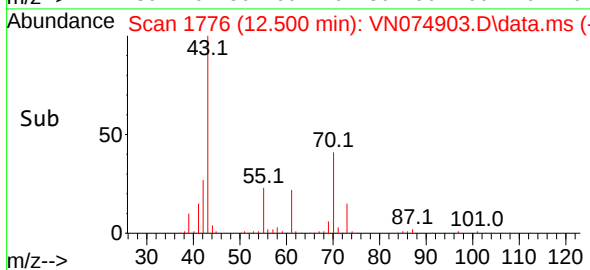
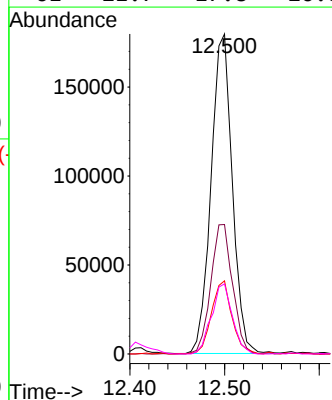
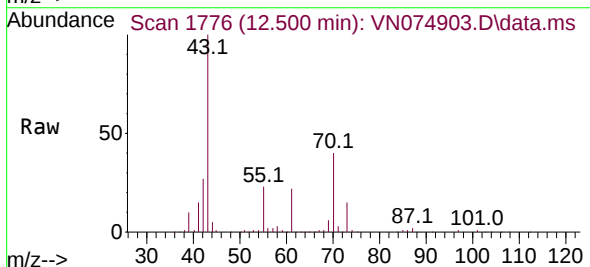
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

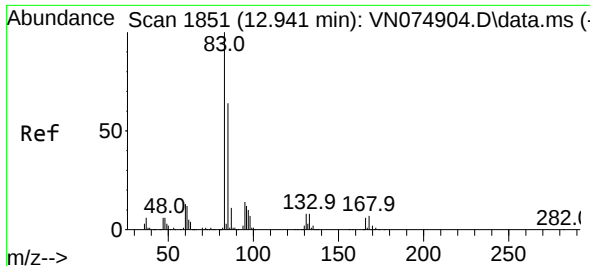
Tgt Ion:105 Resp: 535001
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 18.920 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 43 Resp: 279847
Ion Ratio Lower Upper
43 100
70 41.5 31.5 47.3
55 22.1 18.2 27.4
61 21.7 17.8 26.8

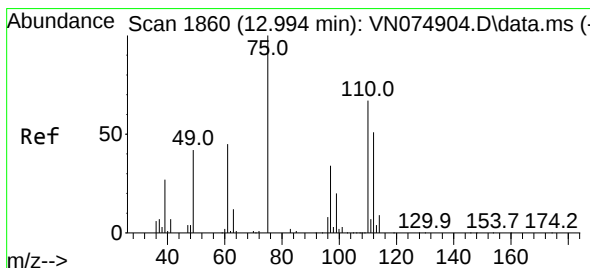
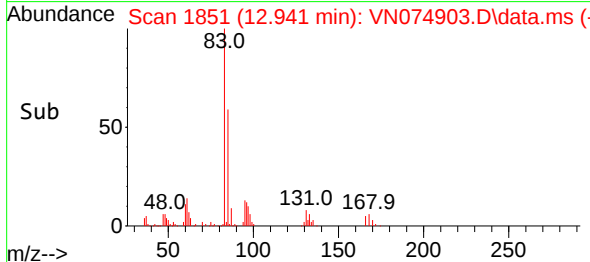
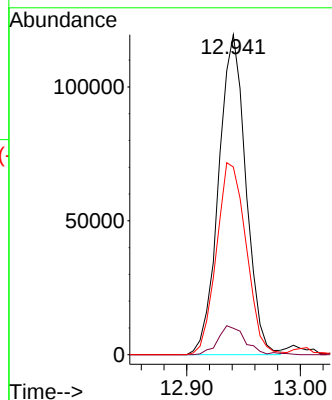
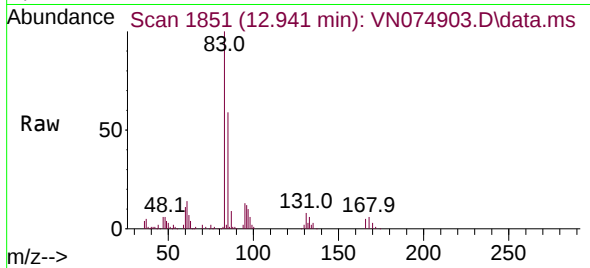




#75
1,1,2,2-Tetrachloroethane
Concen: 18.500 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

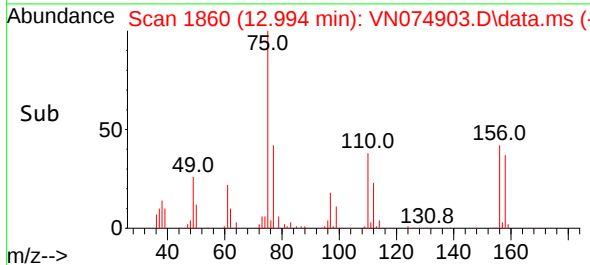
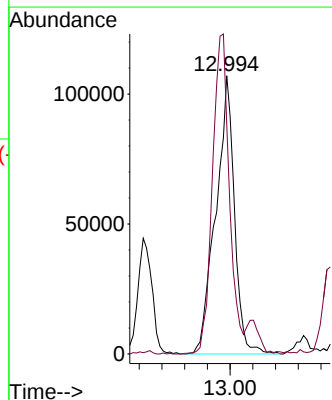
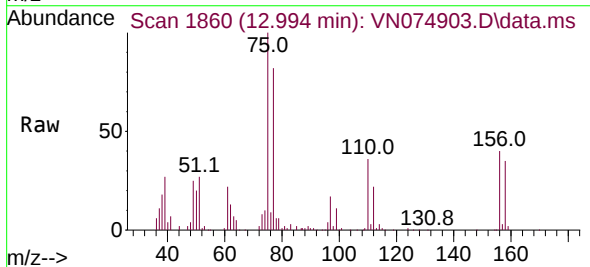
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

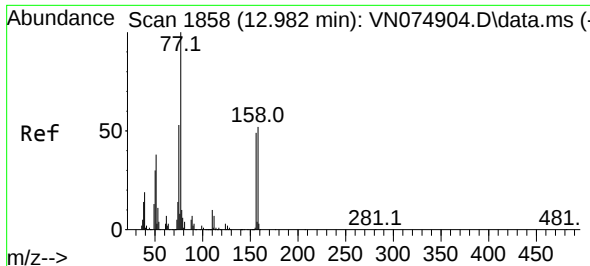
Tgt Ion: 83 Resp: 199657
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 65.4 32.5 97.5



#76
1,2,3-Trichloropropane
Concen: 28.970 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 75 Resp: 243782
Ion Ratio Lower Upper
75 100
77 104.2 77.8 233.4

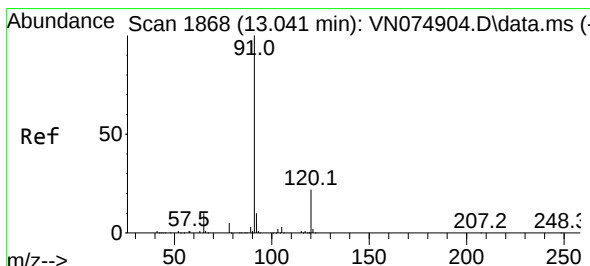
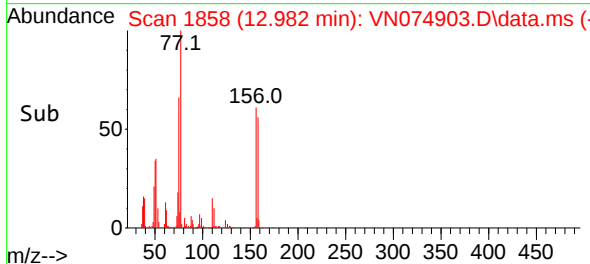
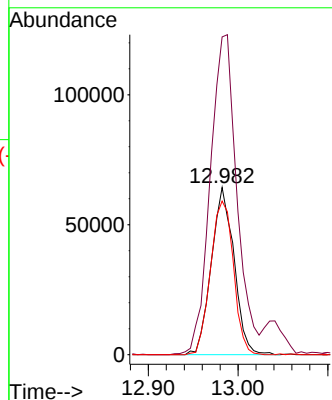
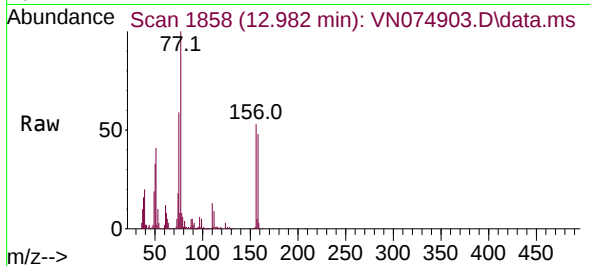




#77
Bromobenzene
Concen: 18.726 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

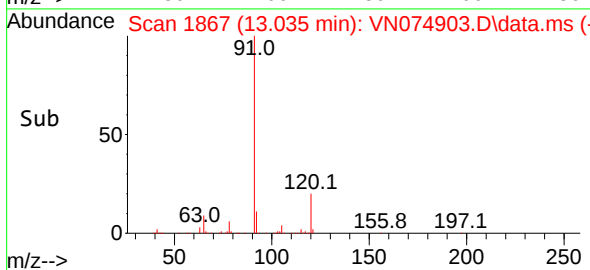
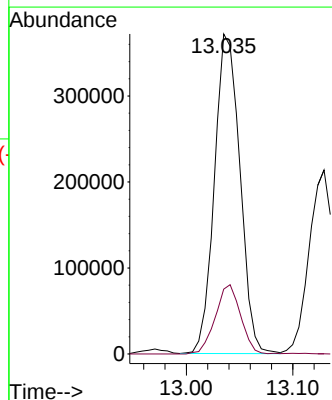
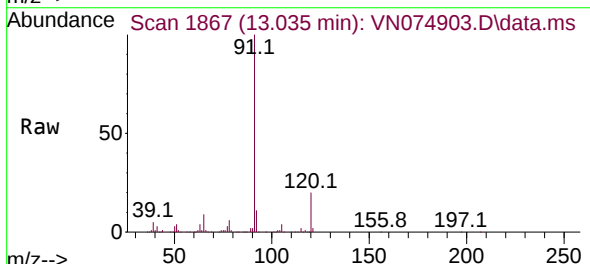
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

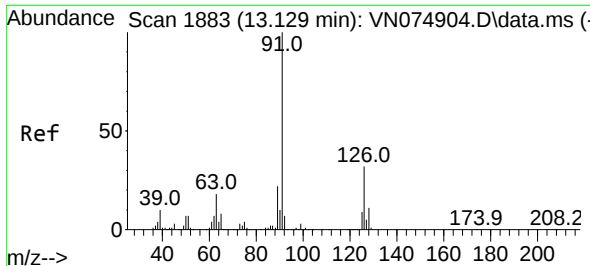
Tgt Ion:156 Resp: 113010
Ion Ratio Lower Upper
156 100
77 224.7 116.3 348.9
158 92.8 47.9 143.7



#78
n-propylbenzene
Concen: 19.836 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 91 Resp: 617008
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9

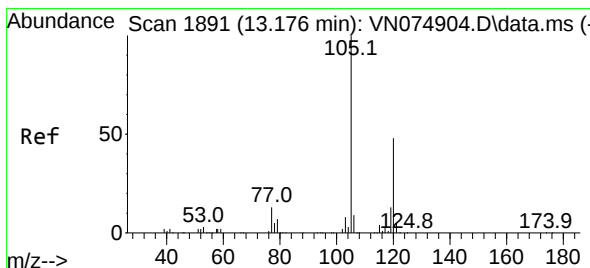
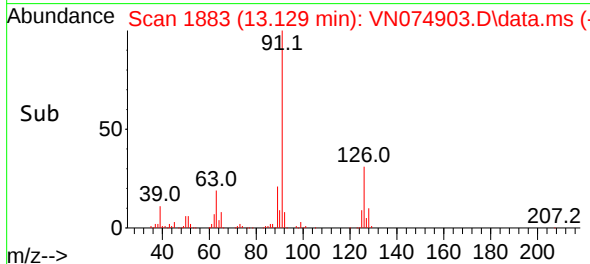
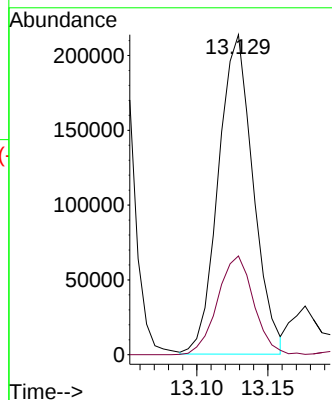
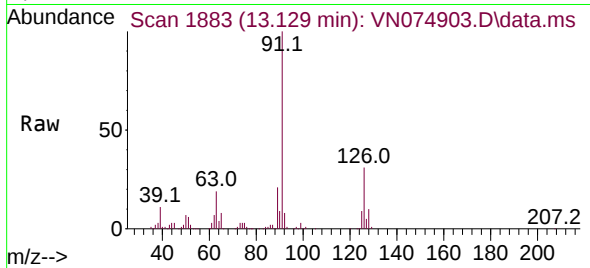




#79
2-Chlorotoluene
Concen: 19.603 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

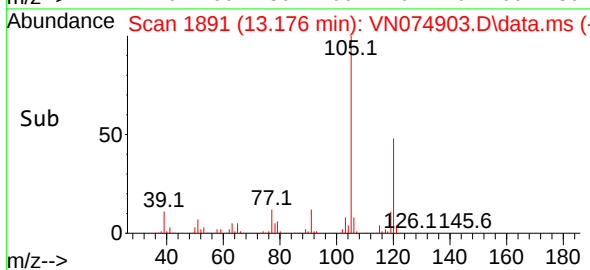
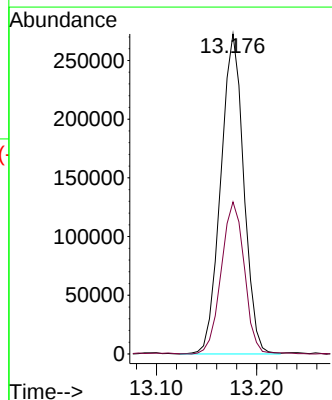
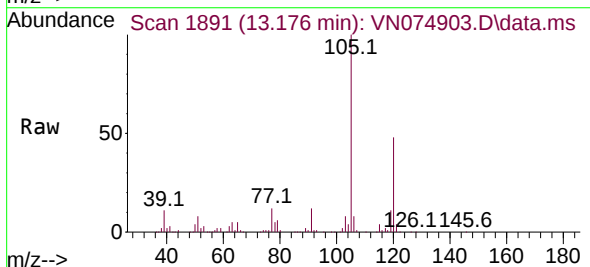
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

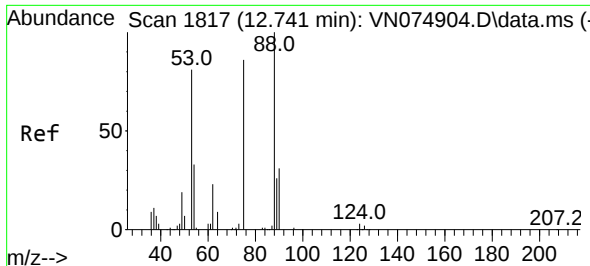
Tgt Ion: 91 Resp: 364562
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.3



#80
1,3,5-Trimethylbenzene
Concen: 19.610 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 105 Resp: 434344
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.8

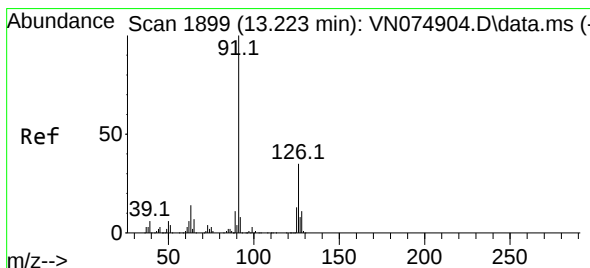
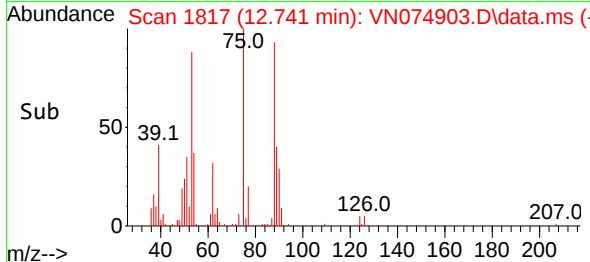
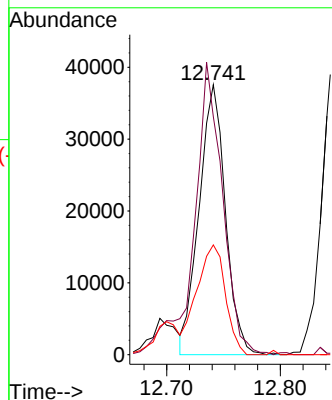
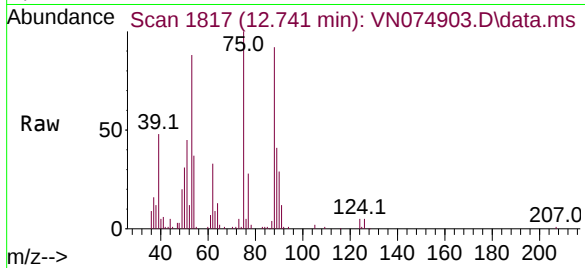




#81
trans-1,4-Dichloro-2-butene
Concen: 18.354 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

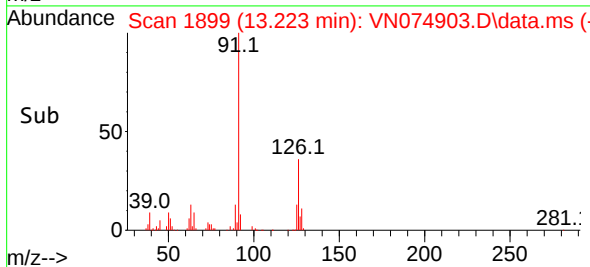
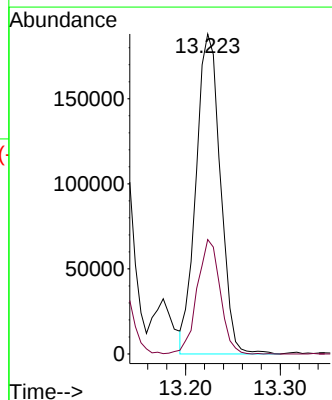
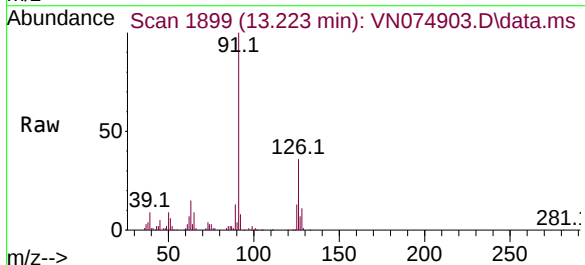
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

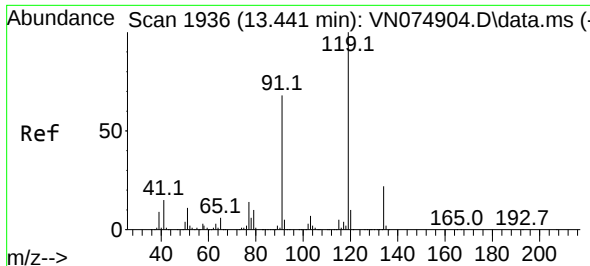
Tgt Ion: 75 Resp: 60403
Ion Ratio Lower Upper
75 100
53 118.1 87.0 130.4
89 44.6 32.5 48.7



#82
4-Chlorotoluene
Concen: 19.304 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 91 Resp: 335746
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1

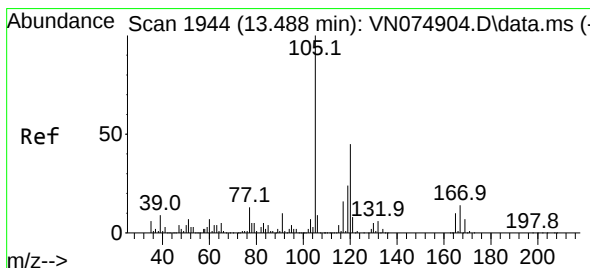
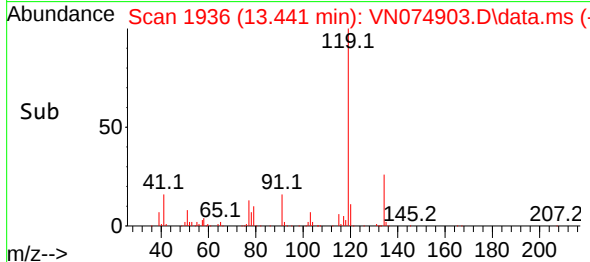
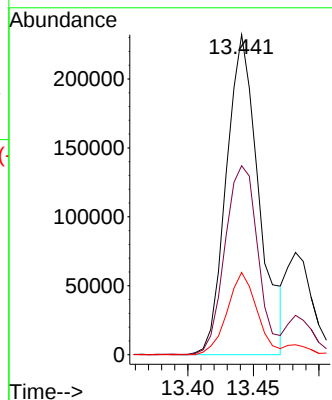
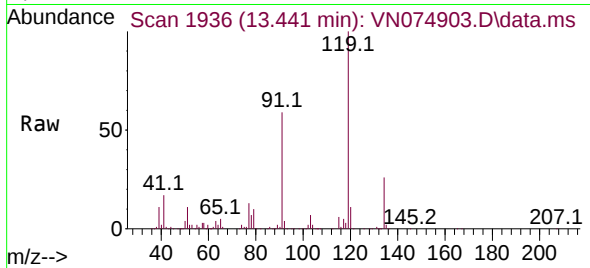




#83
 tert-Butylbenzene
 Concen: 20.905 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

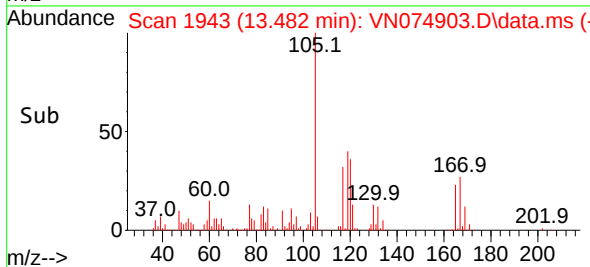
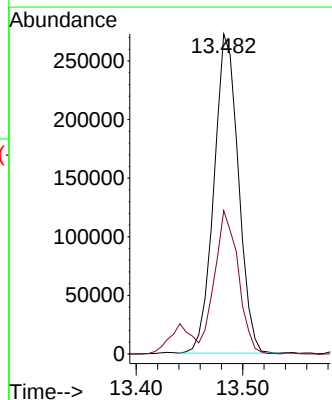
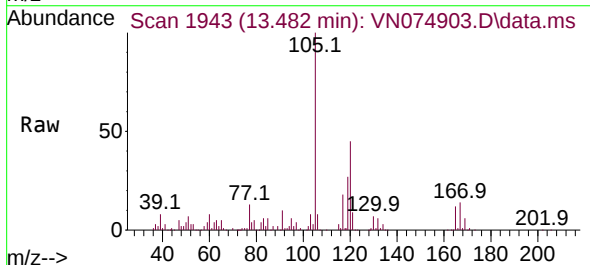
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

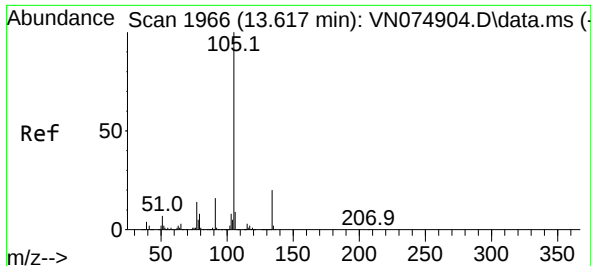
Tgt Ion:119 Resp: 400115
 Ion Ratio Lower Upper
 119 100
 91 60.4 32.9 98.7
 134 23.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.910 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

Tgt Ion:105 Resp: 433252
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.3

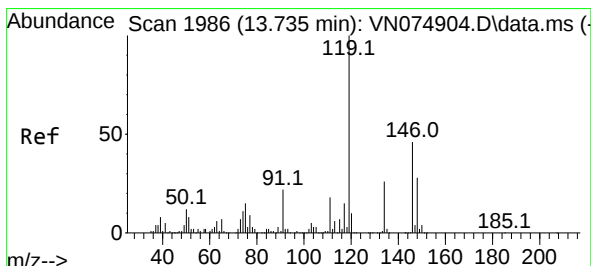
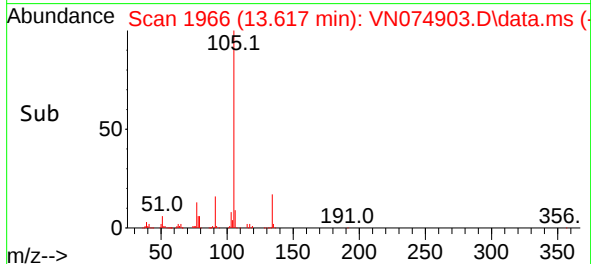
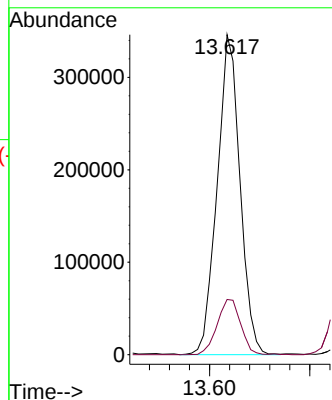
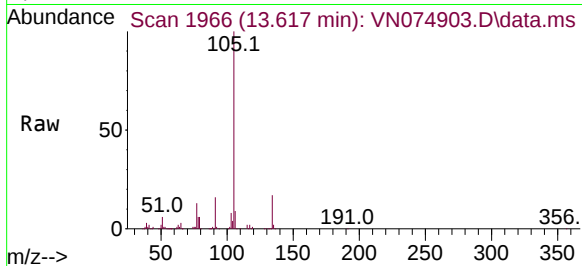




#85
 sec-Butylbenzene
 Concen: 19.784 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

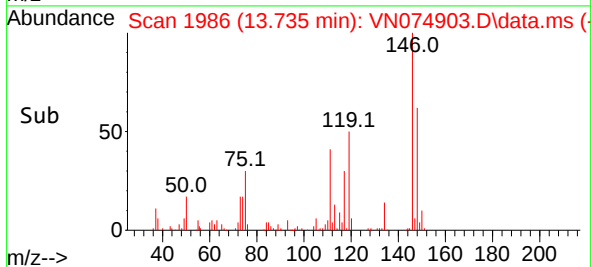
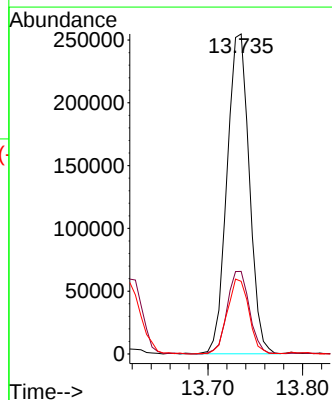
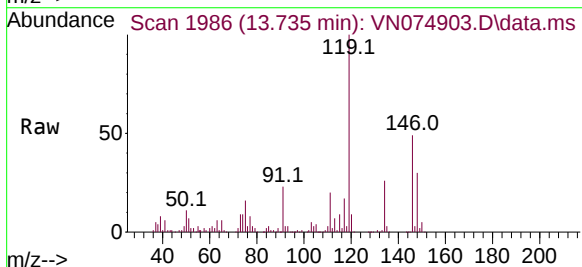
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

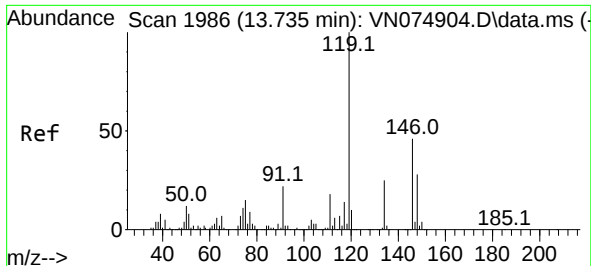
Tgt Ion:105 Resp: 546009
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.982 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074903.D
 Acq: 14 Oct 2022 11:11

Tgt Ion:119 Resp: 416306
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 22.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.768 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

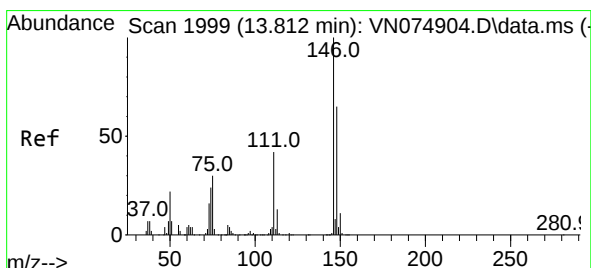
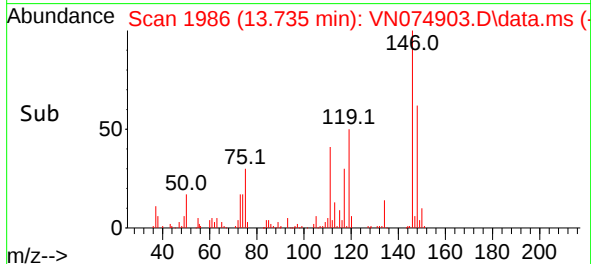
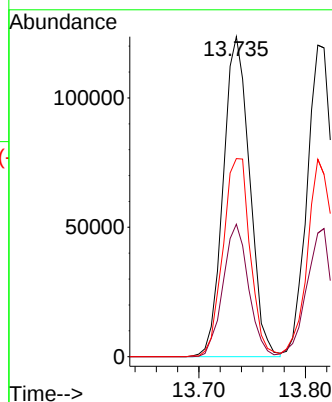
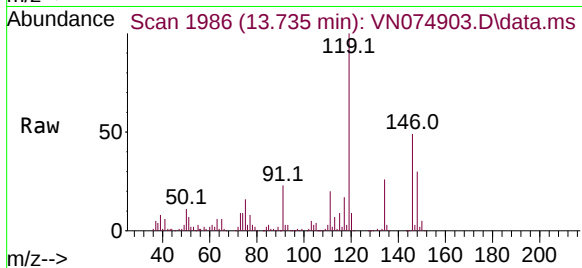
Tgt Ion:146 Resp: 212482

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 64.1 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 18.307 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN074903.D

Acq: 14 Oct 2022 11:11

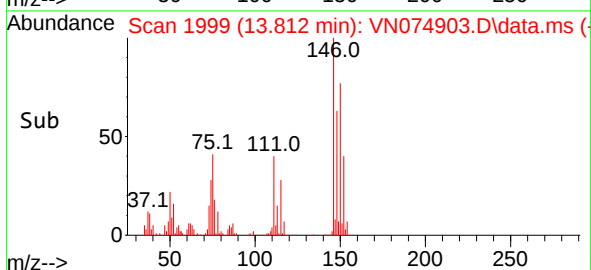
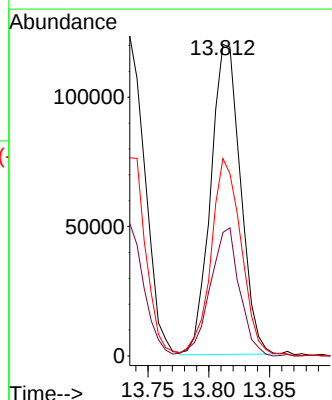
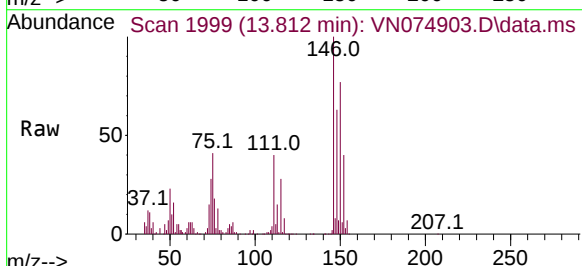
Tgt Ion:146 Resp: 204500

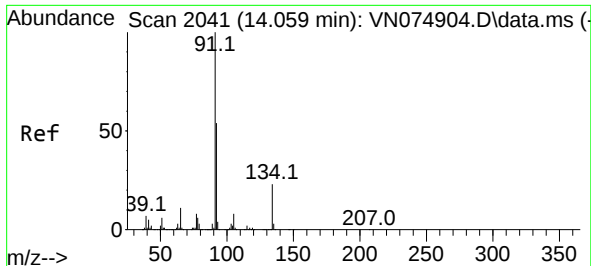
Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 64.7 31.8 95.3

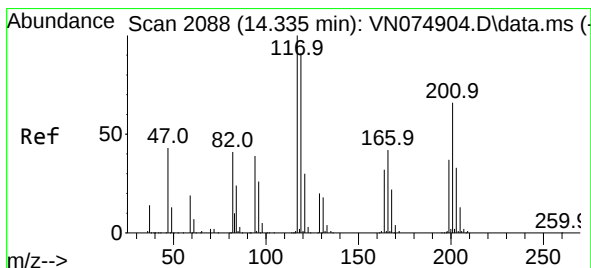
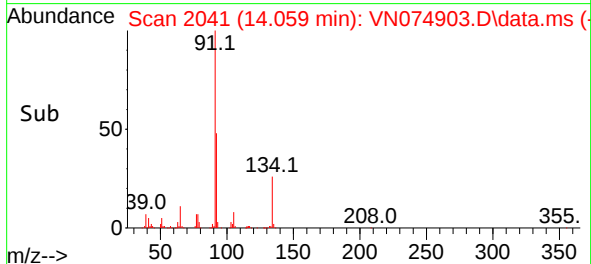
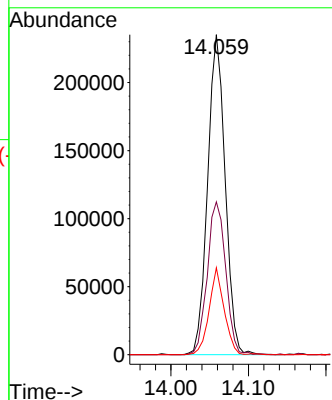
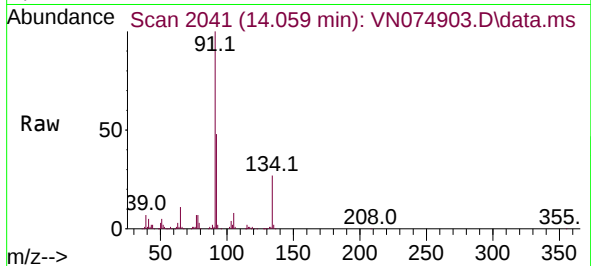




#89
n-Butylbenzene
Concen: 19.743 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

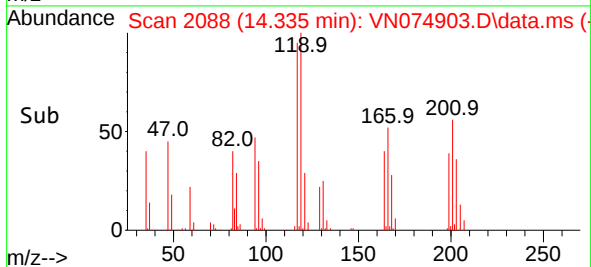
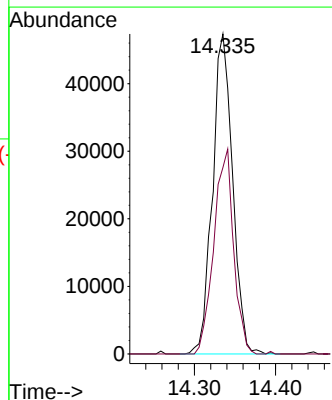
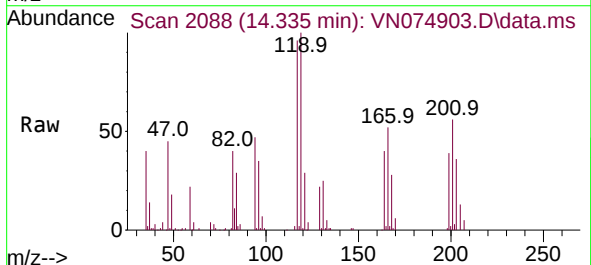
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ClientSampleId :
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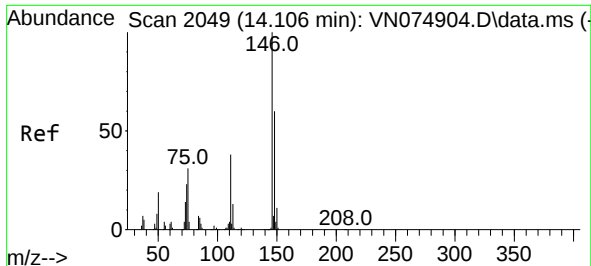
Tgt Ion: 91 Resp: 368977
Ion Ratio Lower Upper
91 100
92 50.2 25.9 77.8
134 23.4 11.6 34.7



#90
Hexachloroethane
Concen: 17.276 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 117 Resp: 81350
Ion Ratio Lower Upper
117 100
201 63.2 33.4 100.1

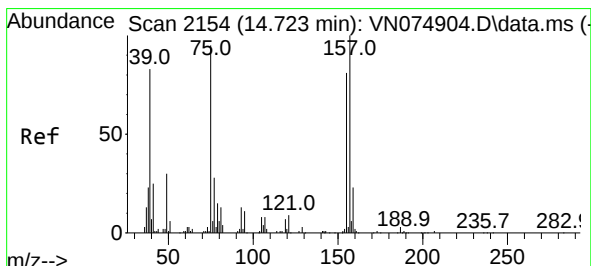
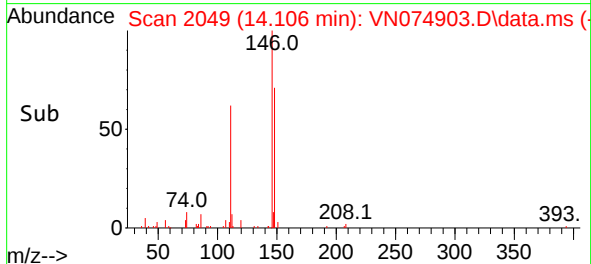
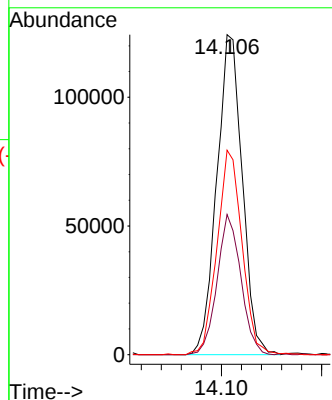
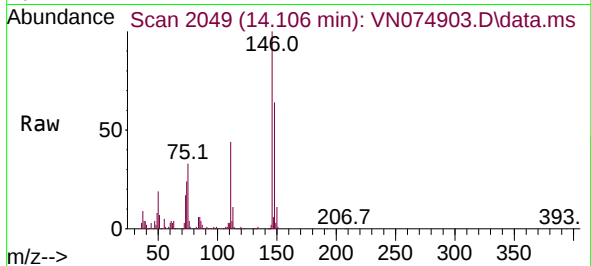




#91
1,2-Dichlorobenzene
Concen: 18.698 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

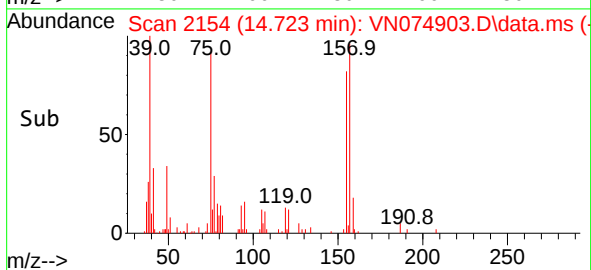
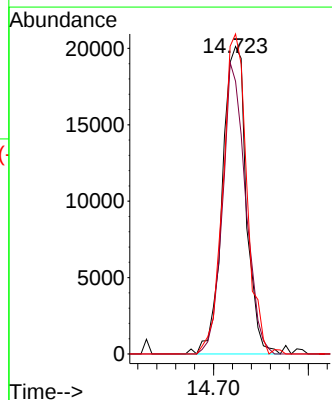
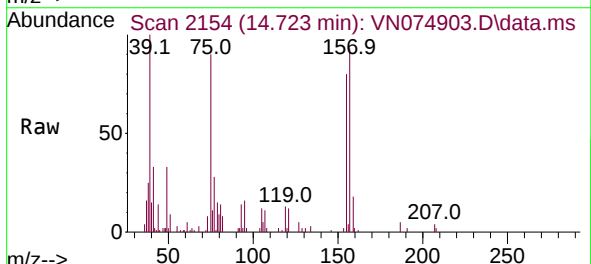
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

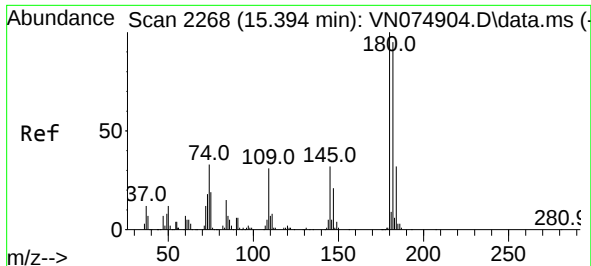
Tgt Ion:146 Resp: 219590
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.5
148 62.7 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.656 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion: 75 Resp: 35348
Ion Ratio Lower Upper
75 100
155 90.7 39.4 118.1
157 103.6 52.5 157.6

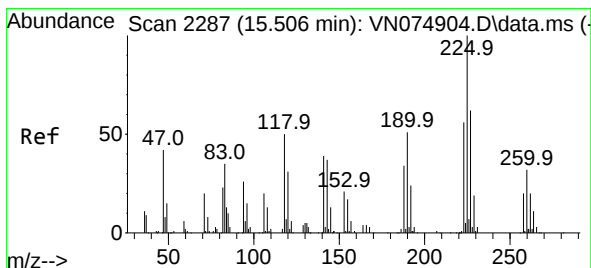
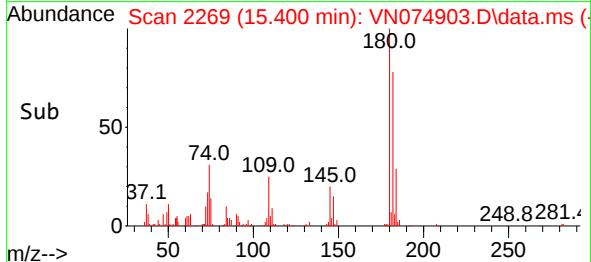
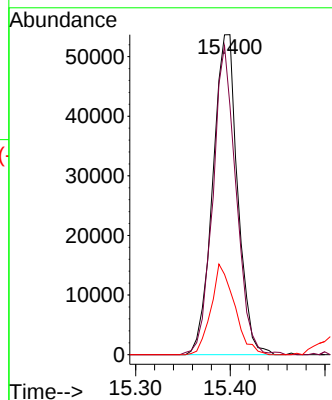
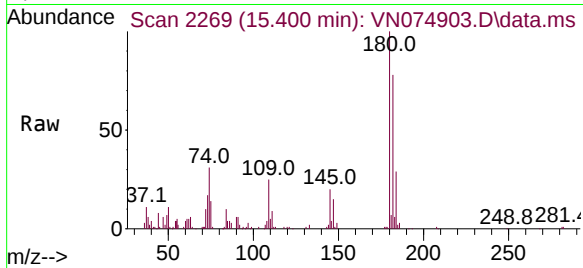




#93
1,2,4-Trichlorobenzene
Concen: 18.464 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

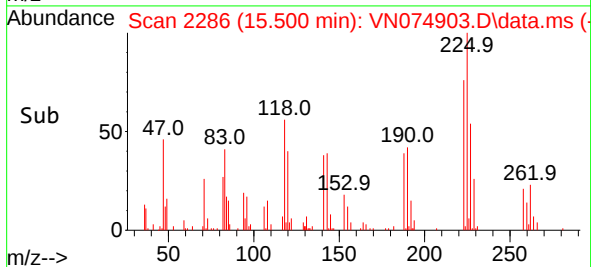
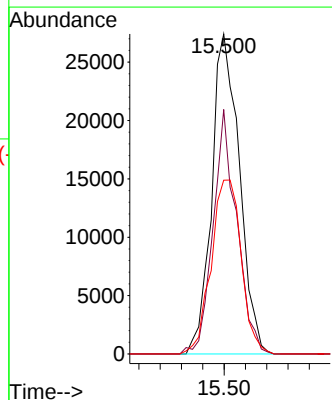
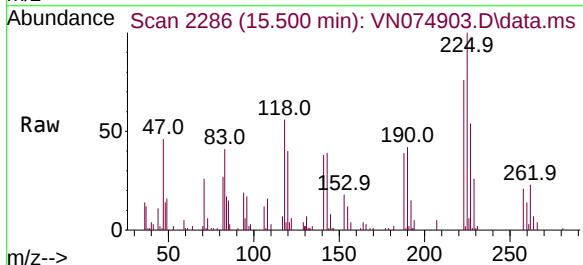
Instrument :
MSVOA_N
ClientSampleId :
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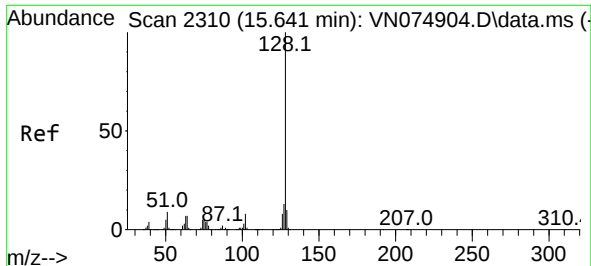
Tgt Ion:180 Resp: 98079
Ion Ratio Lower Upper
180 100
182 90.0 45.8 137.4
145 26.7 14.7 44.1



#94
Hexachlorobutadiene
Concen: 19.331 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:225 Resp: 49313
Ion Ratio Lower Upper
225 100
223 65.2 30.1 90.5
227 59.2 31.4 94.0

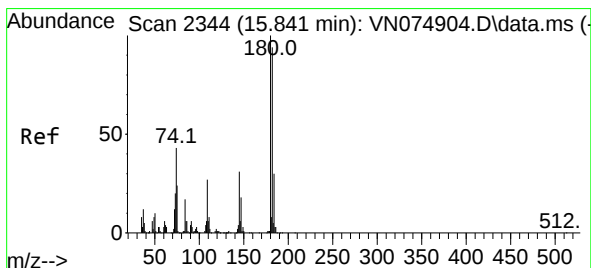
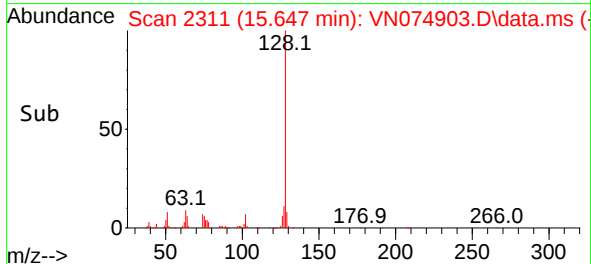
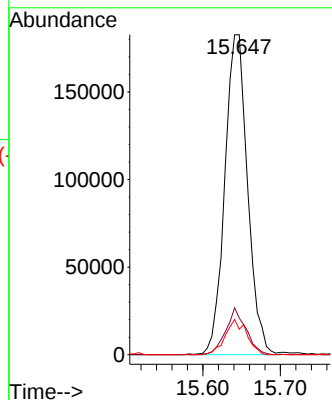
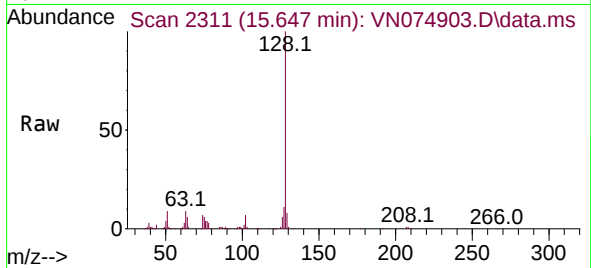




#95
Naphthalene
Concen: 19.691 ug/l
RT: 15.647 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 374477
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.800 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074903.D
Acq: 14 Oct 2022 11:11

Tgt Ion:180 Resp: 99626
Ion Ratio Lower Upper
180 100
182 99.5 48.0 144.0
145 29.2 15.7 47.0

