

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074866.D
 Acq On : 11 Oct 2022 23:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 12 04:01:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	312384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	629045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	394691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	359839	48.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.171	113	284046	48.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	10.571	98	1195027	48.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.853	95	379449	50.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	268719	41.946	ug/l	96
3) Chloromethane	2.377	50	360273	37.815	ug/l	90
4) Vinyl Chloride	2.530	62	540790	45.845	ug/l	95
5) Bromomethane	2.936	94	419475	50.429	ug/l	98
6) Chloroethane	3.113	64	426277	48.841	ug/l	99
7) Trichlorofluoromethane	3.507	101	401754	43.214	ug/l	95
8) Diethyl Ether	3.983	74	189137	38.998	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	241048	42.323	ug/l	98
10) Methyl Iodide	4.601	142	295447	42.898	ug/l	98
11) Tert butyl alcohol	5.554	59	437259	176.386	ug/l	99
12) 1,1-Dichloroethene	4.360	96	234897	38.745	ug/l	96
13) Acrolein	4.207	56	118686	201.670	ug/l	96
14) Allyl chloride	5.048	41	459643	36.889	ug/l	96
15) Acrylonitrile	5.742	53	1077605	199.302	ug/l	97
16) Acetone	4.448	43	892370	212.746	ug/l	100
17) Carbon Disulfide	4.730	76	602118	36.343	ug/l	98
18) Methyl Acetate	5.048	43	649765	41.840	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	1016507	43.097	ug/l	95
20) Methylene Chloride	5.301	84	311646	46.544	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	270336	41.686	ug/l #	86
22) Diisopropyl ether	6.689	45	1129278	42.671	ug/l	95
23) Vinyl Acetate	6.624	43	4380165	201.491	ug/l	99
24) 1,1-Dichloroethane	6.583	63	576825	42.276	ug/l	98
25) 2-Butanone	7.495	43	1537856	202.017	ug/l	96
26) 2,2-Dichloropropane	7.506	77	228594	20.313	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	346535	44.887	ug/l	88
28) Bromochloromethane	7.824	49	288501	46.863	ug/l	99
29) Tetrahydrofuran	7.853	42	1052491	198.374	ug/l	99
30) Chloroform	7.977	83	579095	46.337	ug/l	94
31) Cyclohexane	8.271	56	504464	39.433	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	482591	45.303	ug/l	100
36) 1,1-Dichloropropene	8.377	75	415902	44.301	ug/l	97
37) Ethyl Acetate	7.495	43	1537856	40.839	ug/l #	52
38) Carbon Tetrachloride	8.371	117	403223	45.544	ug/l	98
39) Methylcyclohexane	9.606	83	496115	40.792	ug/l	92
40) Benzene	8.618	78	1358180	44.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	317748	42.832	ug/l	97
42) 1,2-Dichloroethane	8.677	62	450818	47.256	ug/l	100
43) Isopropyl Acetate	8.700	43	982034	42.200	ug/l	99
44) Trichloroethene	9.359	130	272237	43.008	ug/l	98
45) 1,2-Dichloropropane	9.630	63	363388	44.157	ug/l	94
46) Dibromomethane	9.712	93	229204	47.465	ug/l	94
47) Bromodichloromethane	9.894	83	462600	46.889	ug/l	95
48) Methyl methacrylate	9.612	41	434649	45.494	ug/l #	96
49) 1,4-Dioxane	9.700	88	171756	829.459	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	3284530	219.179	ug/l	98
52) Toluene	10.636	92	839414	45.975	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	471598	40.118	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	492836	38.833	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	341613	46.533	ug/l	98
56) Ethyl methacrylate	10.877	69	567543	42.447	ug/l	96
57) 1,3-Dichloropropane	11.165	76	607900	45.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1140028	236.391	ug/l	99
59) 2-Hexanone	11.200	43	2484564	219.195	ug/l	97
60) Dibromochloromethane	11.359	129	345620	47.791	ug/l	95
61) 1,2-Dibromoethane	11.471	107	335670	44.966	ug/l	99
64) Tetrachloroethene	11.106	164	222087	43.491	ug/l	94
65) Chlorobenzene	11.894	112	848718	44.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	322180	45.787	ug/l	96
67) Ethyl Benzene	11.965	91	1609757	44.815	ug/l	99
68) m/p-Xylenes	12.077	106	1231641	91.341	ug/l	99
69) o-Xylene	12.400	106	628098	45.403	ug/l	96
70) Styrene	12.412	104	1049738	48.134	ug/l	98
71) Bromoform	12.583	173	245511	45.740	ug/l #	98
73) Isopropylbenzene	12.700	105	1623947	42.757	ug/l	99
74) N-amyl acetate	12.494	43	893141	38.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	585591	47.386	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	442721m	37.581	ug/l	
77) Bromobenzene	12.983	156	351576	51.638	ug/l	89
78) n-propylbenzene	13.035	91	1906628	43.574	ug/l	100
79) 2-Chlorotoluene	13.130	91	1108184	41.766	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	1362488	44.980	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	156821	25.937	ug/l	94
82) 4-Chlorotoluene	13.224	91	1078375	43.850	ug/l	100
83) tert-Butylbenzene	13.441	119	1189355	45.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1379952	45.054	ug/l	100
85) sec-Butylbenzene	13.618	105	1734981	45.612	ug/l	100
86) p-Isopropyltoluene	13.730	119	1378689	46.968	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	687758	45.659	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	676271	47.532	ug/l	98
89) n-Butylbenzene	14.059	91	1149406	44.425	ug/l	99
90) Hexachloroethane	14.335	117	264698	40.330	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	694135	47.852	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	115848	36.800	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	293241	46.214	ug/l	98
94) Hexachlorobutadiene	15.500	225	137270	46.246	ug/l	97
95) Naphthalene	15.641	128	1202915	43.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	302361	48.181	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

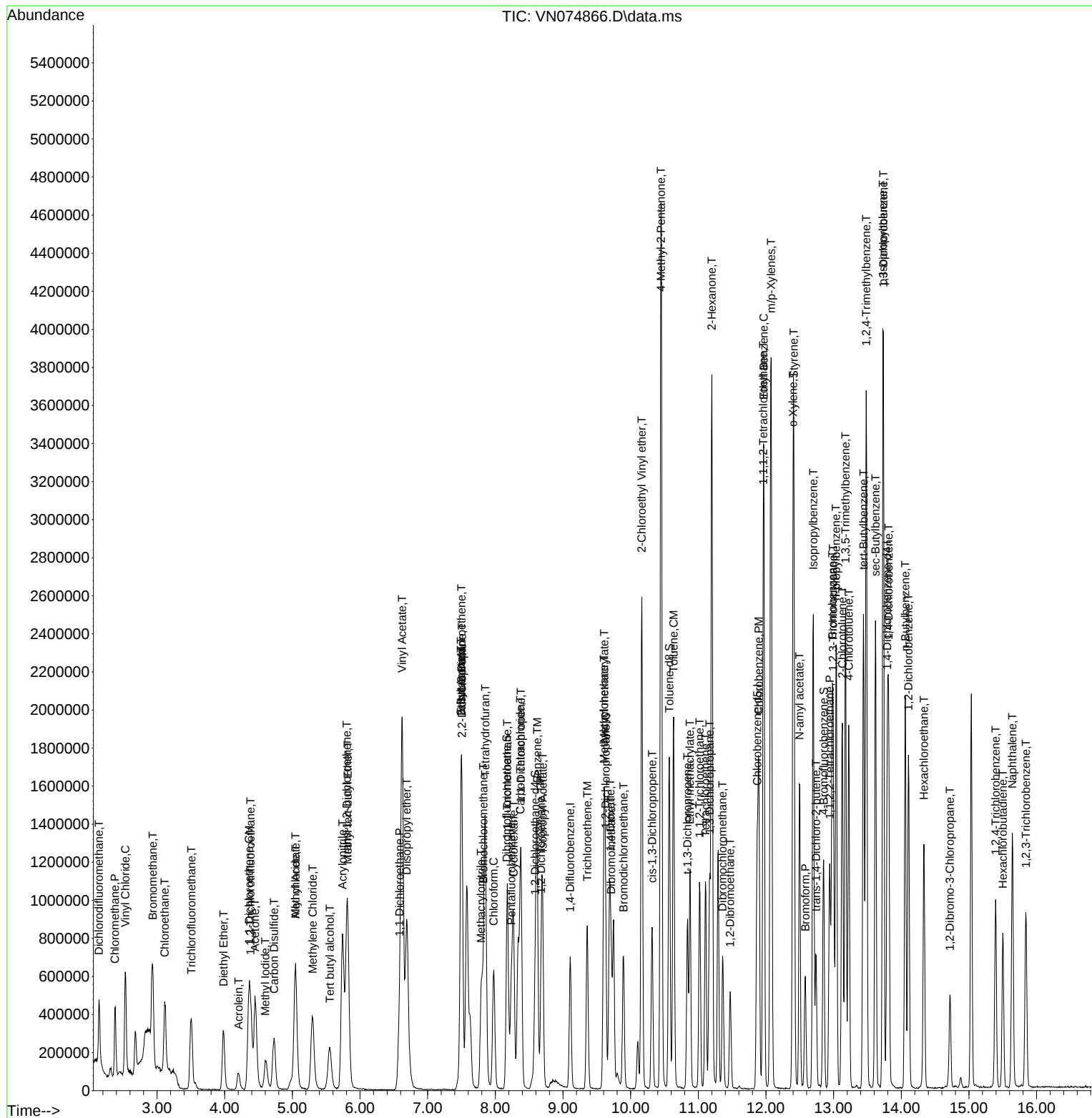
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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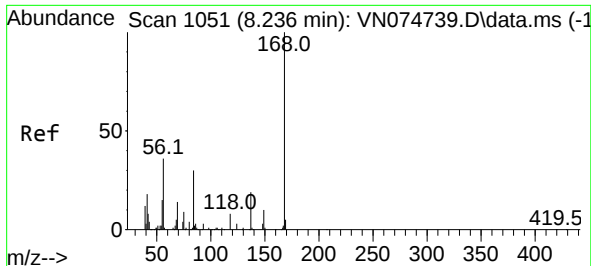
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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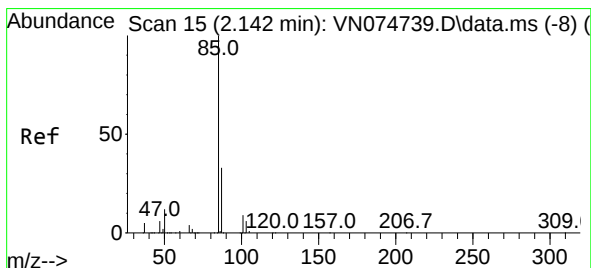
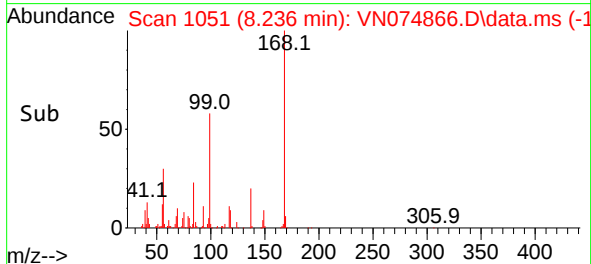
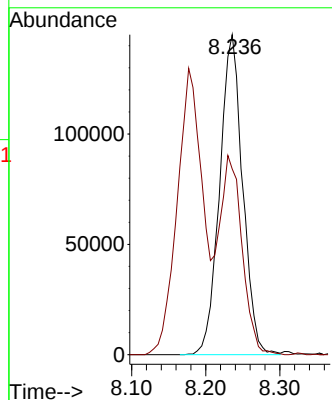
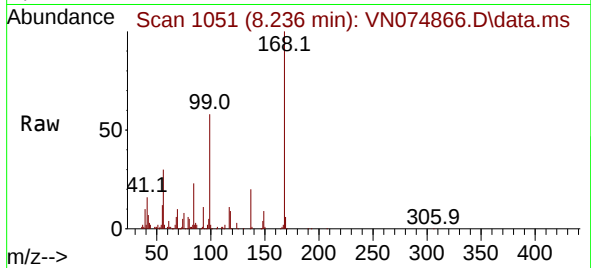




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. -0.000 min
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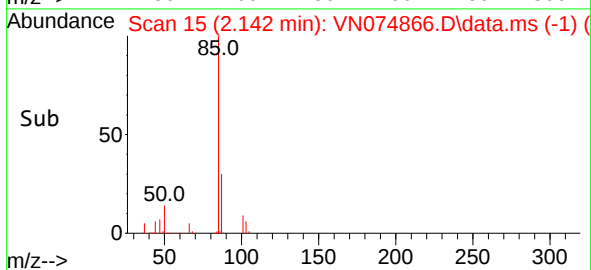
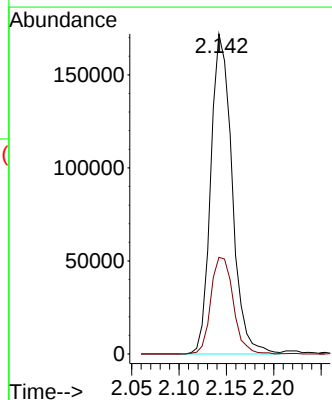
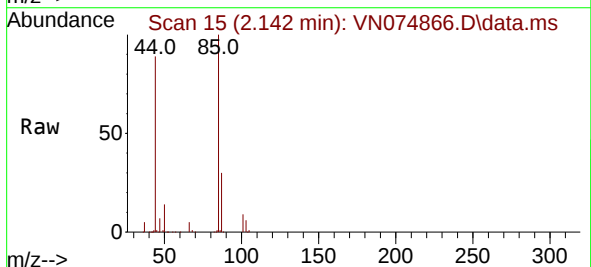
Instrument :
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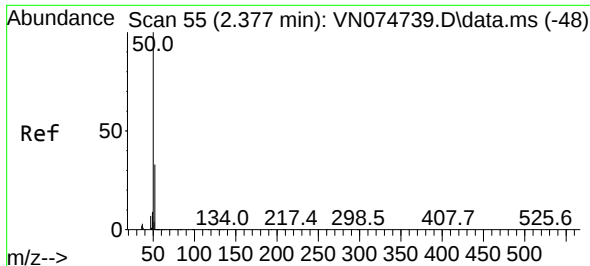
Tgt Ion:168 Resp: 312384
Ion Ratio Lower Upper
168 100
99 57.8 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.946 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 85 Resp: 268719
Ion Ratio Lower Upper
85 100
87 30.2 16.3 48.9

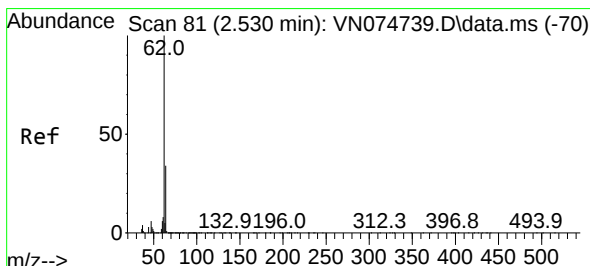
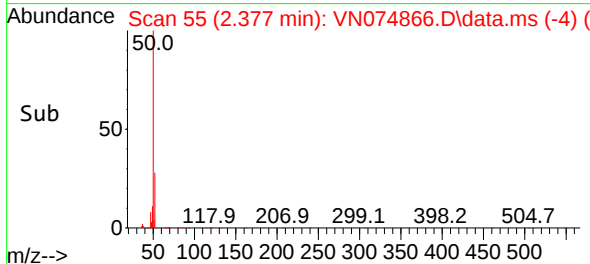
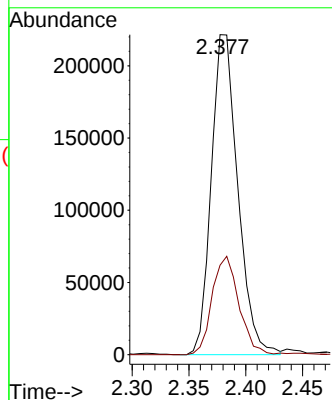
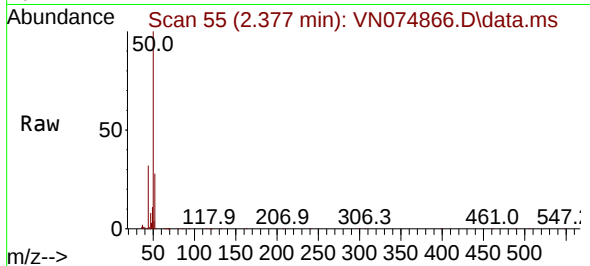




#3
Chloromethane
Concen: 37.815 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

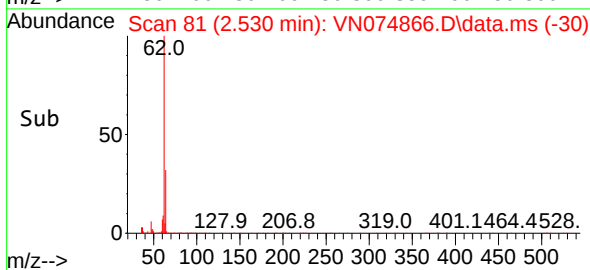
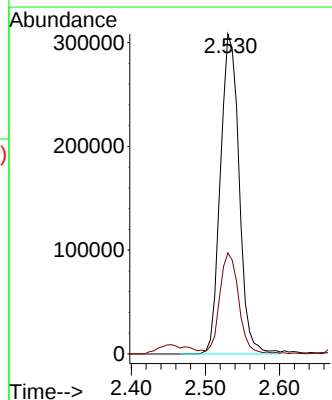
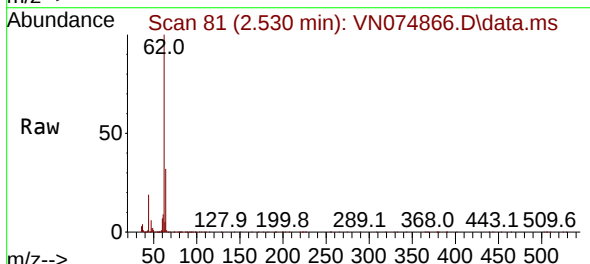
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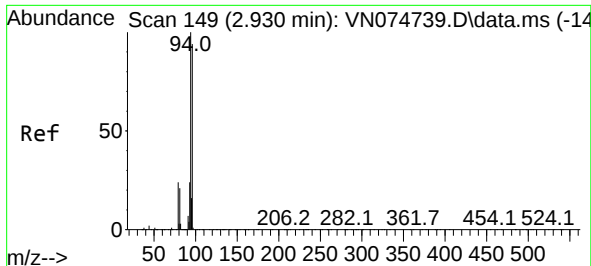
Tgt Ion: 50 Resp: 360273
Ion Ratio Lower Upper
50 100
52 28.0 26.7 40.1



#4
Vinyl Chloride
Concen: 45.845 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 62 Resp: 540790
Ion Ratio Lower Upper
62 100
64 31.3 27.4 41.2

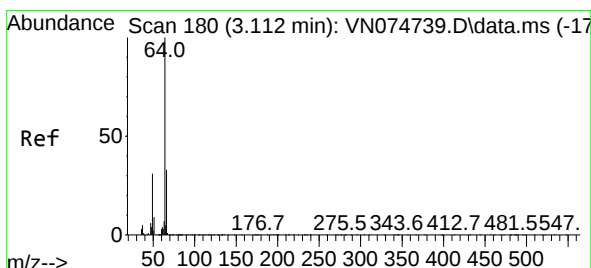
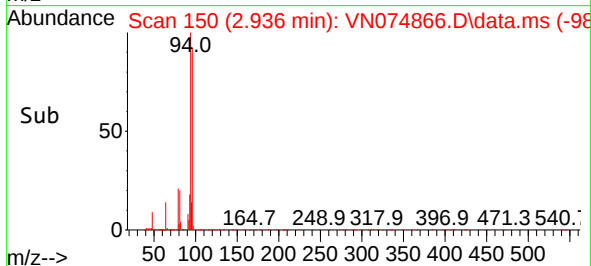
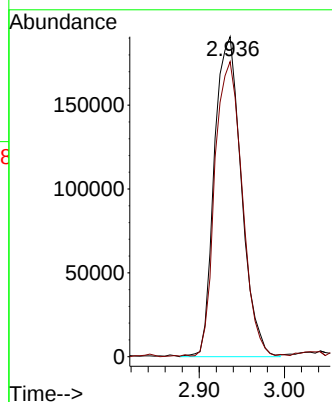
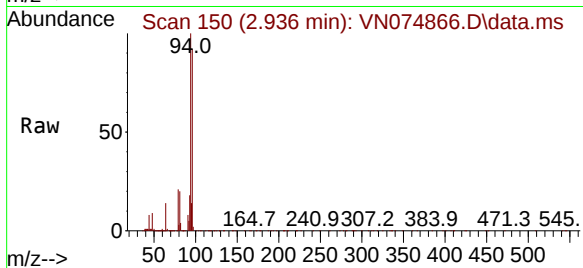




#5
Bromomethane
Concen: 50.429 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074866.D
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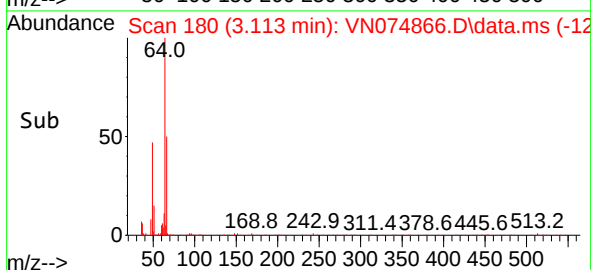
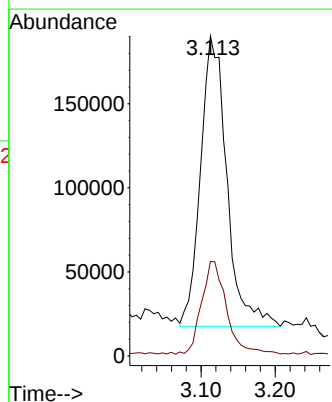
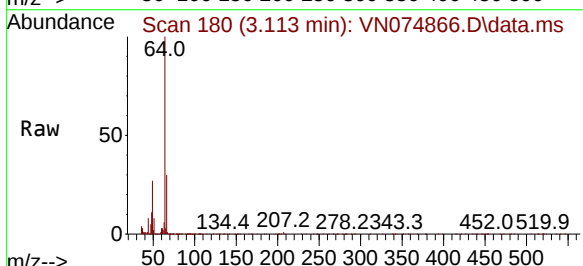
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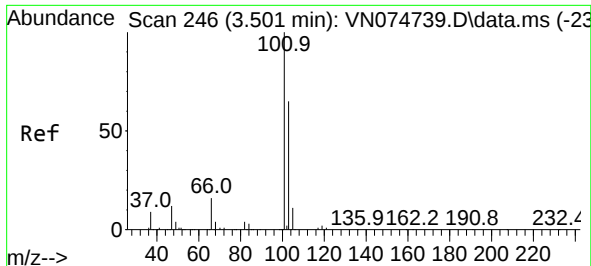
Tgt Ion: 94 Resp: 419475
Ion Ratio Lower Upper
94 100
96 92.0 75.0 112.6



#6
Chloroethane
Concen: 48.841 ug/l
RT: 3.113 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 64 Resp: 426277
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7

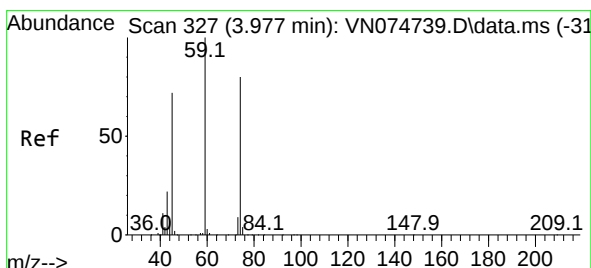
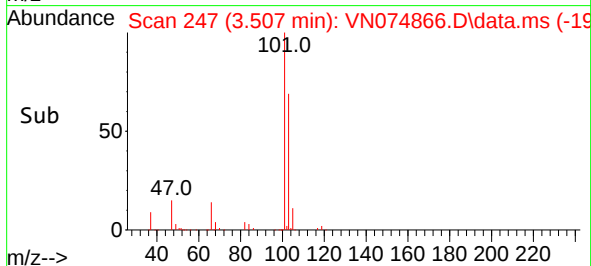
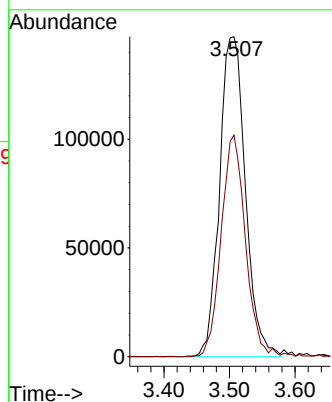
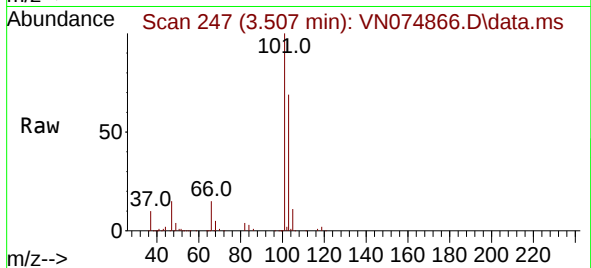




#7
 Trichlorofluoromethane
 Concen: 43.214 ug/l
 RT: 3.507 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

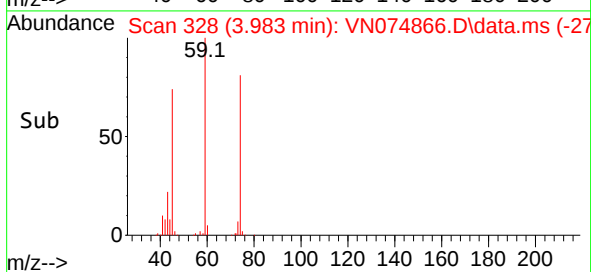
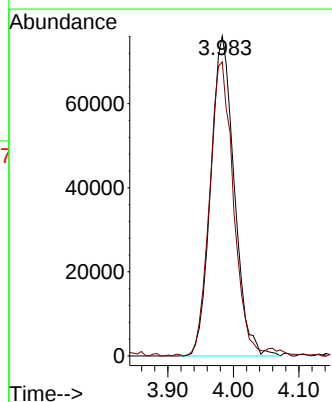
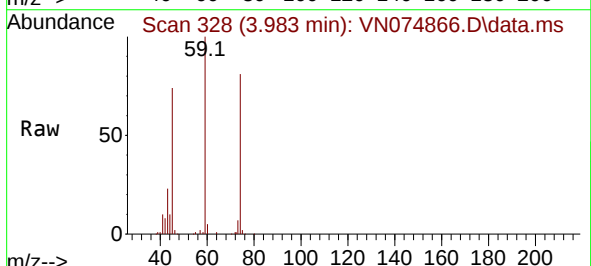
Instrument :
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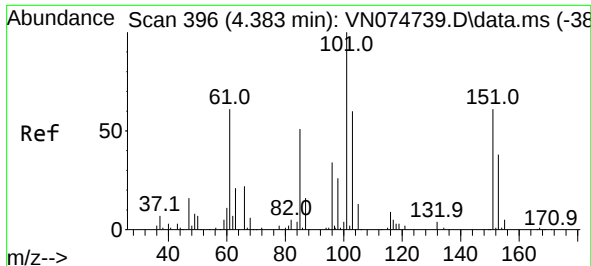
Tgt Ion:101 Resp: 401754
 Ion Ratio Lower Upper
 101 100
 103 69.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 38.998 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion: 74 Resp: 189137
 Ion Ratio Lower Upper
 74 100
 45 93.5 48.2 144.6

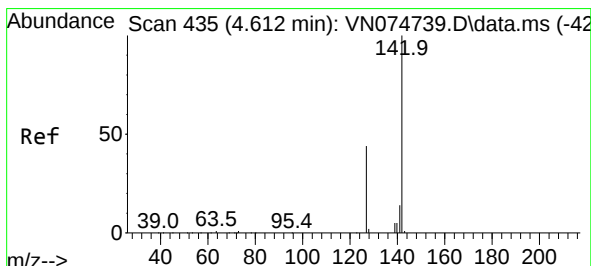
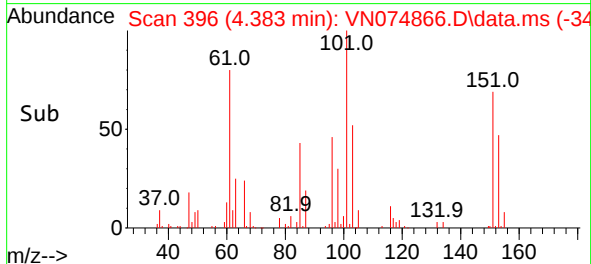
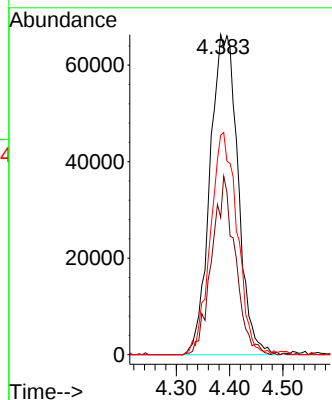
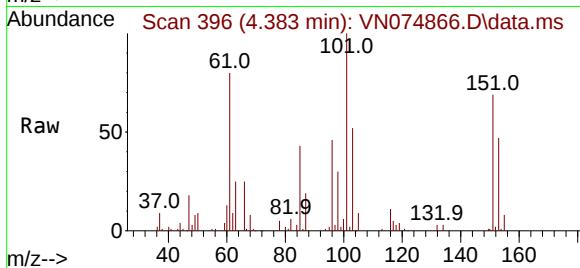




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.323 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

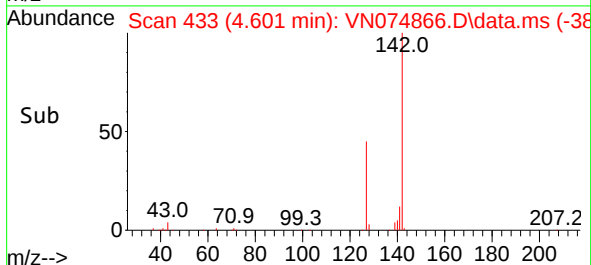
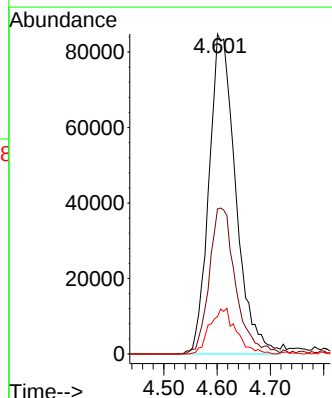
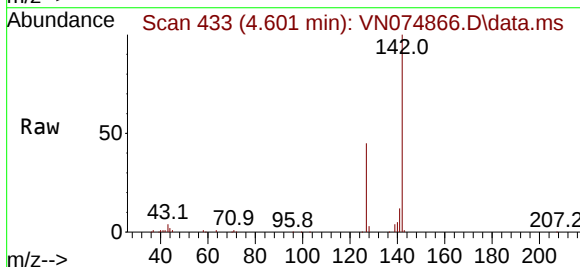
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

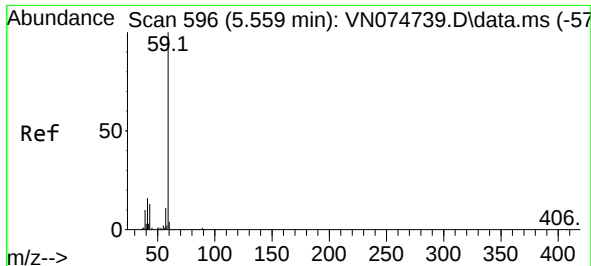
Tgt Ion:101 Resp: 241048
Ion Ratio Lower Upper
101 100
85 47.0 37.4 56.0
151 66.4 55.0 82.4



#10
Methyl Iodide
Concen: 42.898 ug/l
RT: 4.601 min Scan# 433
Delta R.T. -0.012 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:142 Resp: 295447
Ion Ratio Lower Upper
142 100
127 44.9 34.4 51.6
141 14.1 11.0 16.6

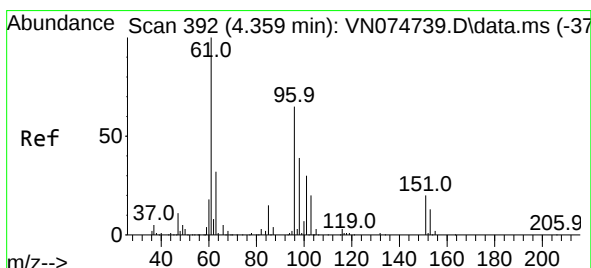
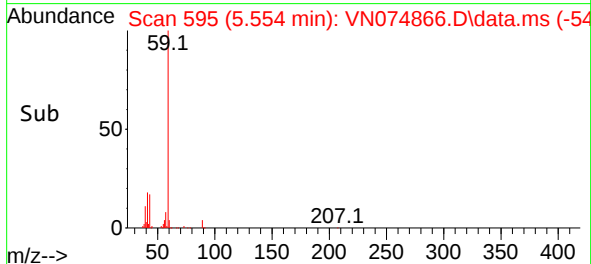
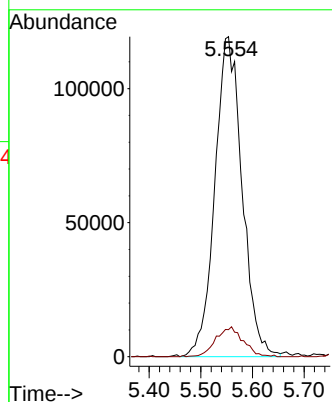
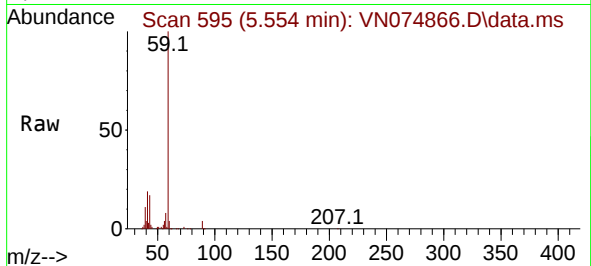




#11
Tert butyl alcohol
Concen: 176.386 ug/l
RT: 5.554 min Scan# 596
Delta R.T. -0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

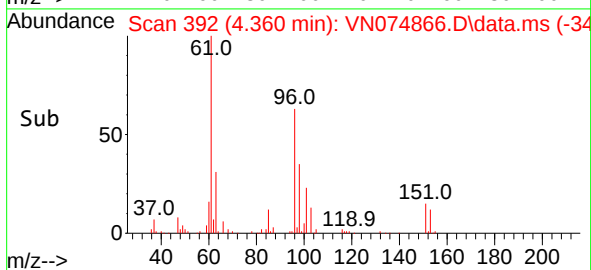
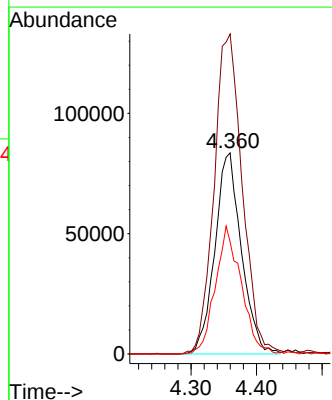
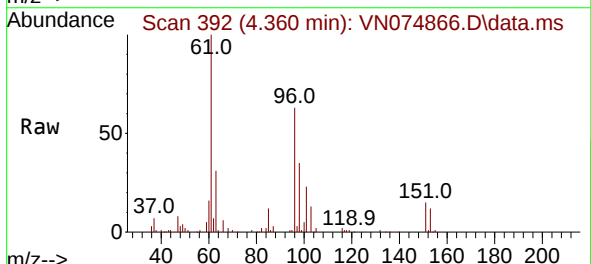
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

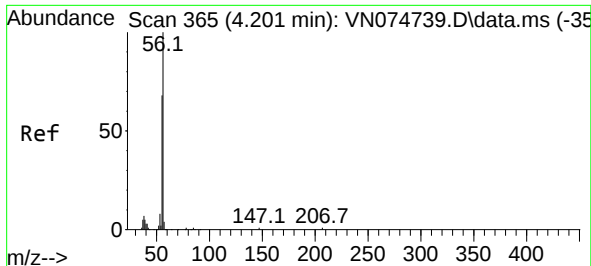
Tgt Ion: 59 Resp: 437259
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 38.745 ug/l
RT: 4.360 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 96 Resp: 234897
Ion Ratio Lower Upper
96 100
61 159.1 123.9 185.9
98 55.8 48.8 73.2

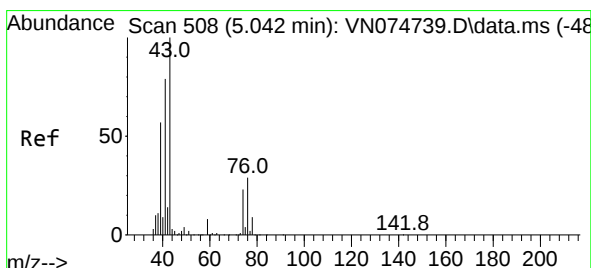
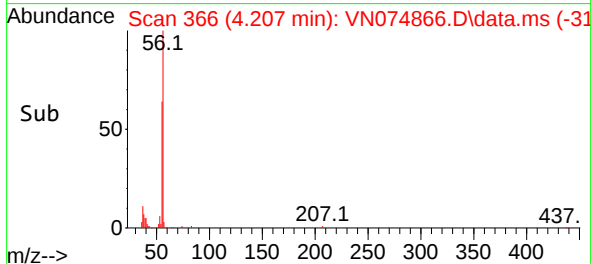
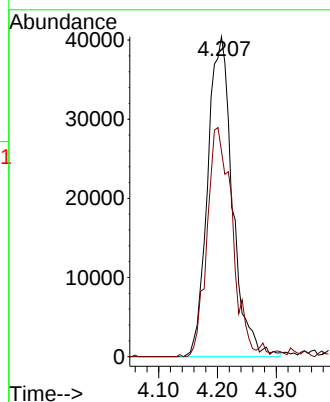
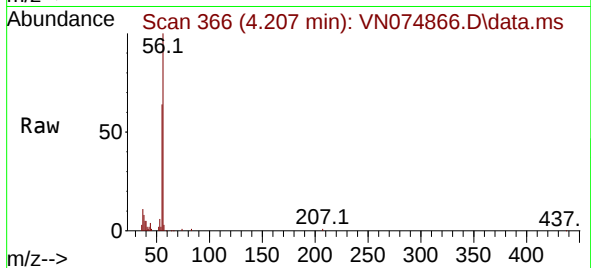




#13
Acrolein
Concen: 201.670 ug/l
RT: 4.207 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

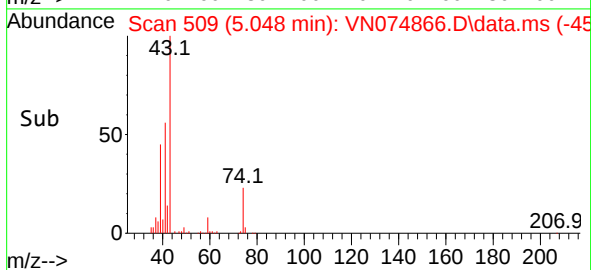
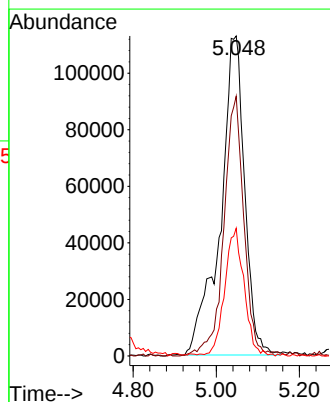
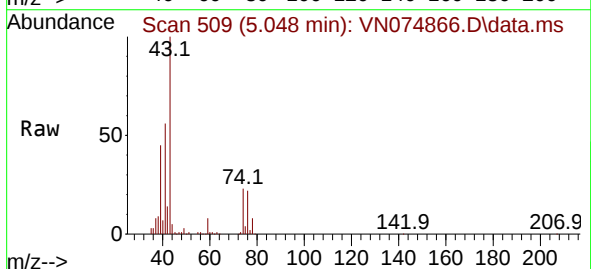
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

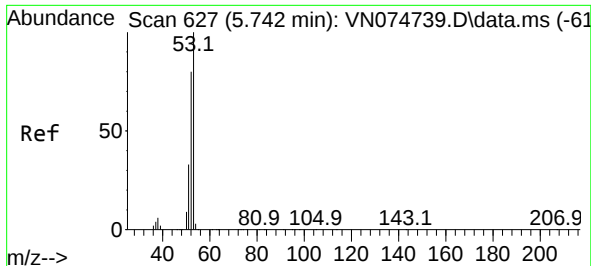
Tgt Ion: 56 Resp: 118686
Ion Ratio Lower Upper
56 100
55 72.2 54.9 82.3



#14
Allyl chloride
Concen: 36.889 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 41 Resp: 459643
Ion Ratio Lower Upper
41 100
39 67.0 50.2 75.2
76 31.9 25.6 38.4



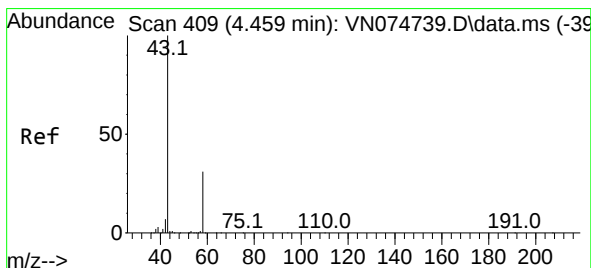
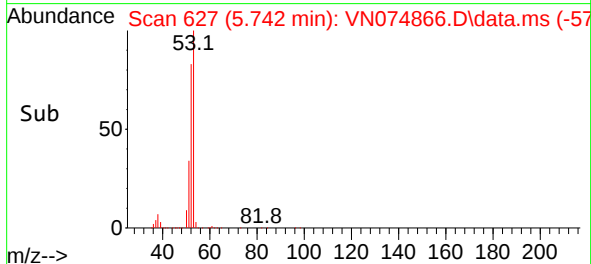
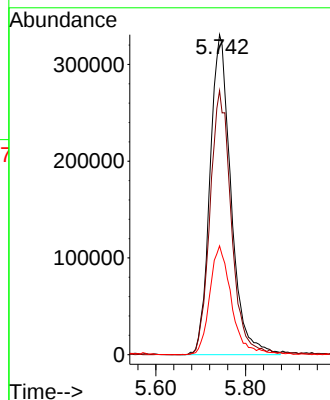
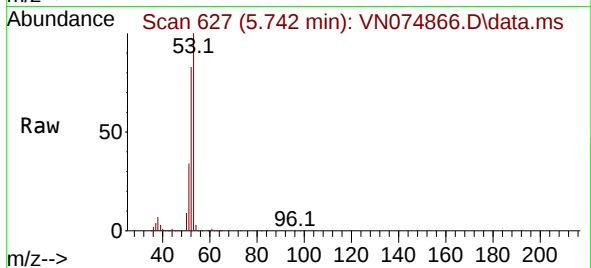


#15
Acrylonitrile
Concen: 199.302 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1077605

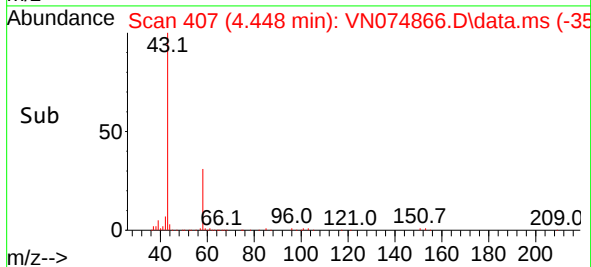
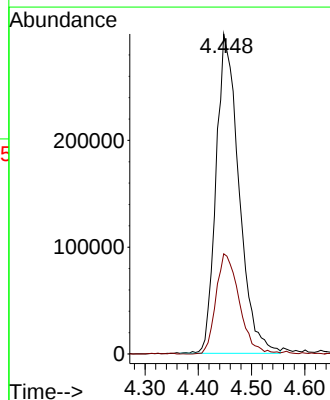
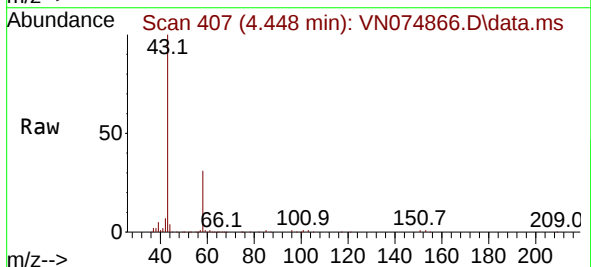
Ion	Ratio	Lower	Upper
53	100		
52	83.5	64.3	96.5
51	35.3	27.5	41.3

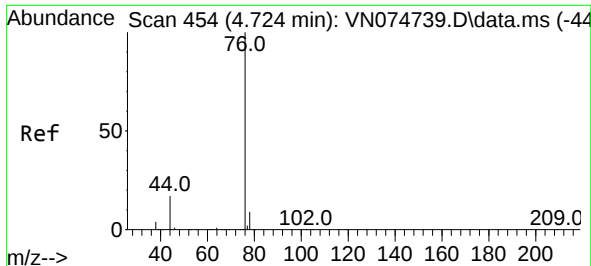


#16
Acetone
Concen: 212.746 ug/l
RT: 4.448 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 43 Resp: 892370

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.9	37.3

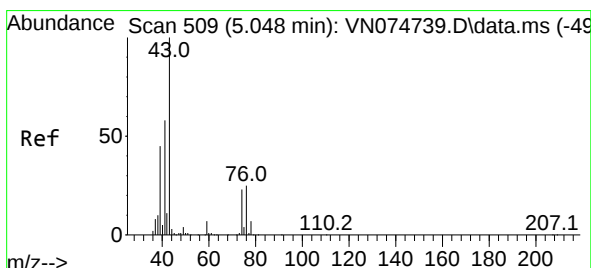
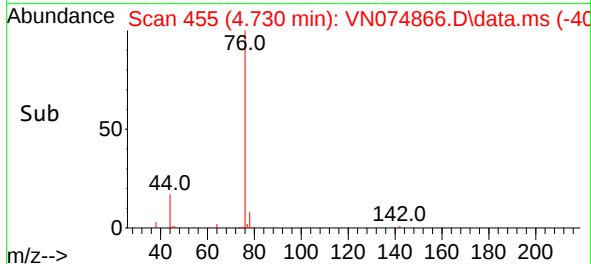
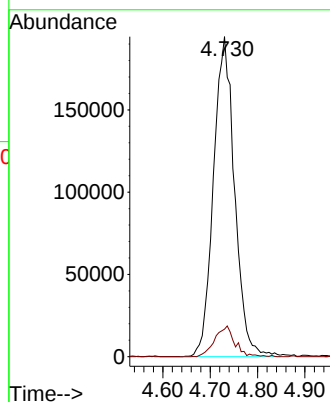
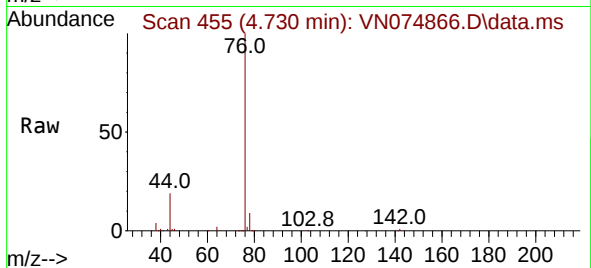




#17
Carbon Disulfide
Concen: 36.343 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

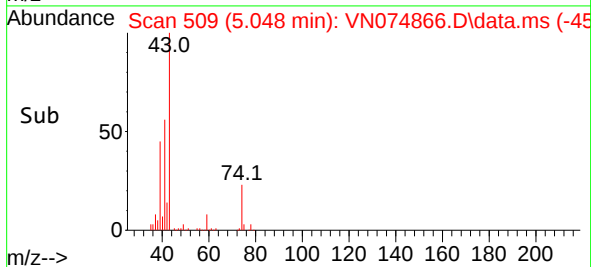
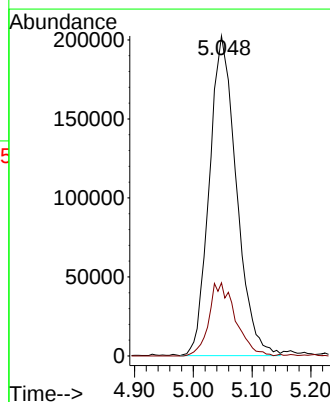
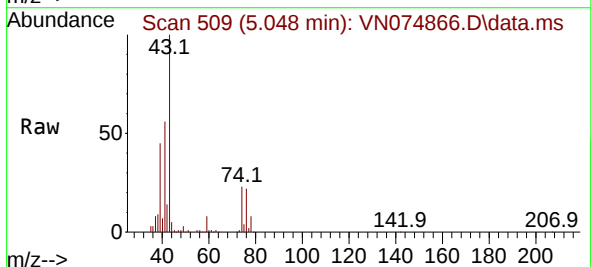
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

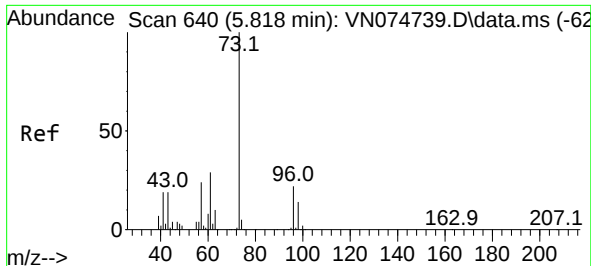
Tgt Ion: 76 Resp: 602118
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 41.840 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 43 Resp: 649765
Ion Ratio Lower Upper
43 100
74 22.4 18.5 27.7

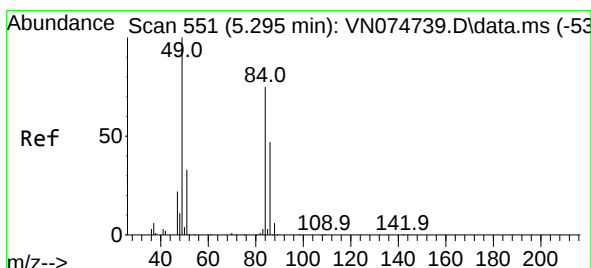
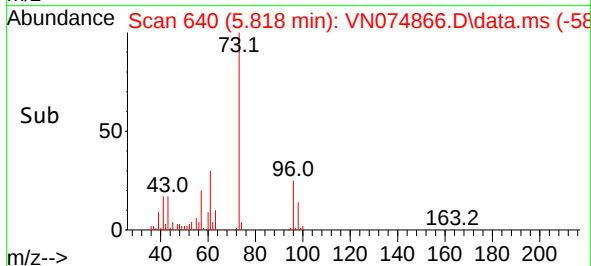
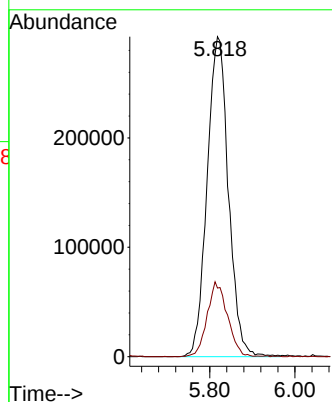
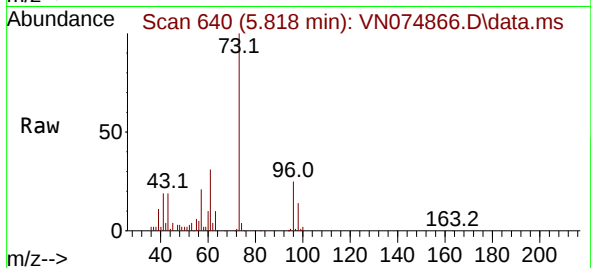




#19
Methyl tert-butyl Ether
Concen: 43.097 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

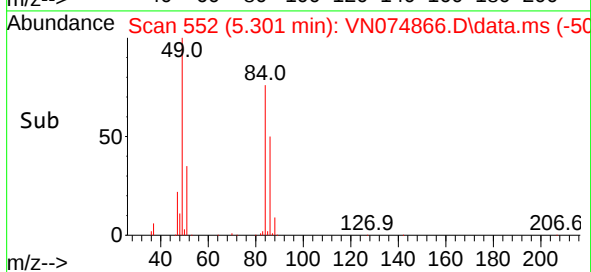
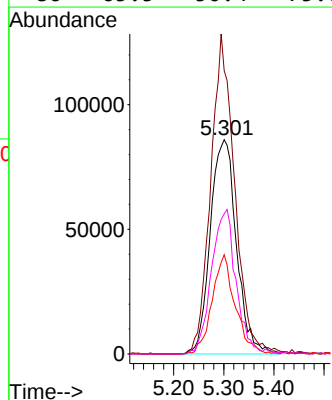
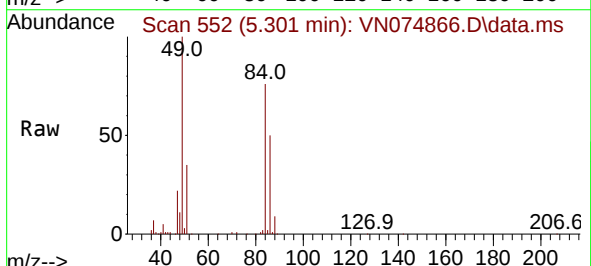
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

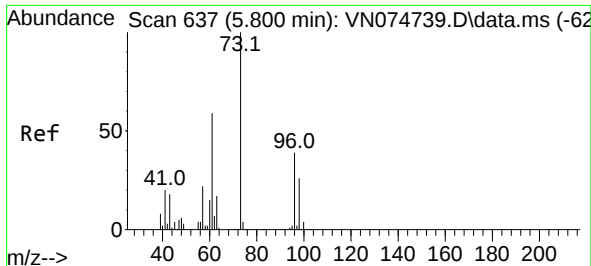
Tgt Ion: 73 Resp: 1016507
Ion Ratio Lower Upper
73 100
57 21.4 19.0 28.4



#20
Methylene Chloride
Concen: 46.544 ug/l
RT: 5.301 min Scan# 552
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 84 Resp: 311646
Ion Ratio Lower Upper
84 100
49 132.2 107.4 161.0
51 46.3 35.1 52.7
86 65.5 50.4 75.6

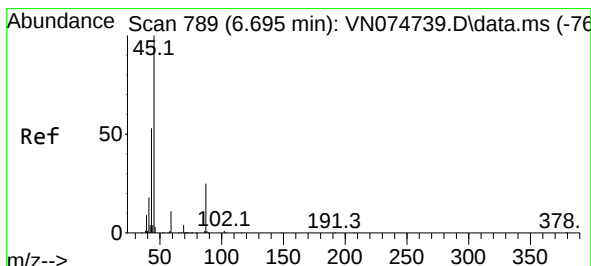
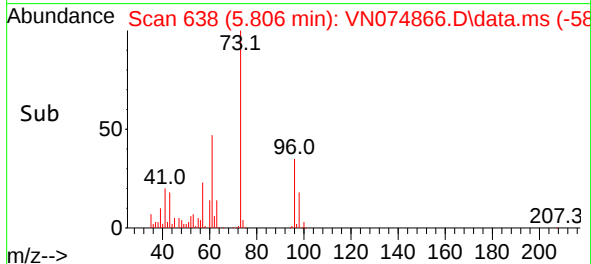
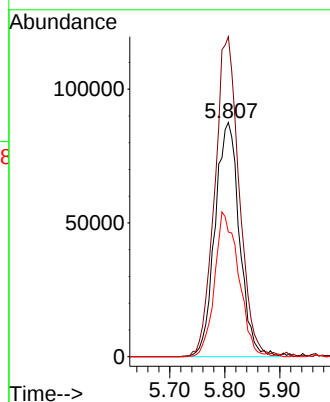
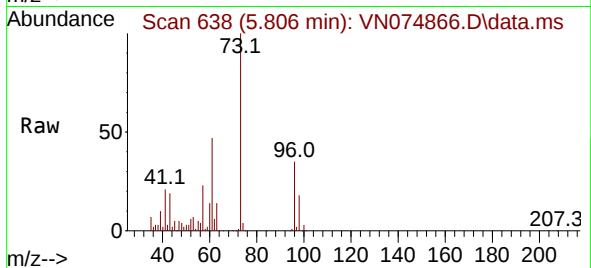




#21
trans-1,2-Dichloroethene
Concen: 41.686 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

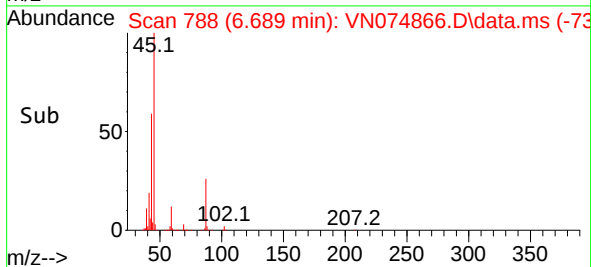
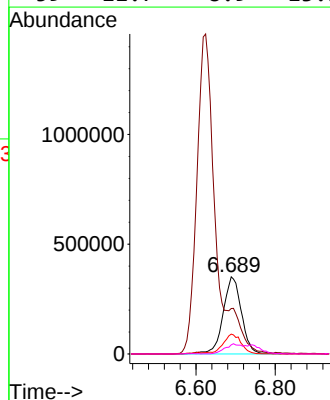
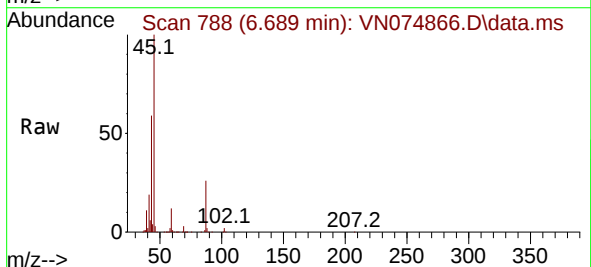
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

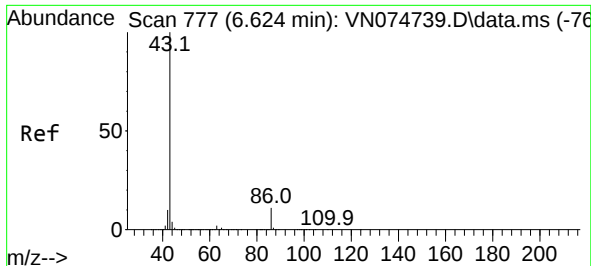
Tgt Ion: 96 Resp: 270336
Ion Ratio Lower Upper
96 100
61 136.6 121.5 182.3
98 53.2 53.8 80.8#



#22
Diisopropyl ether
Concen: 42.671 ug/l
RT: 6.689 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 45 Resp: 1129278
Ion Ratio Lower Upper
45 100
43 58.1 42.7 64.1
87 25.8 19.6 29.4
59 11.7 8.9 13.3

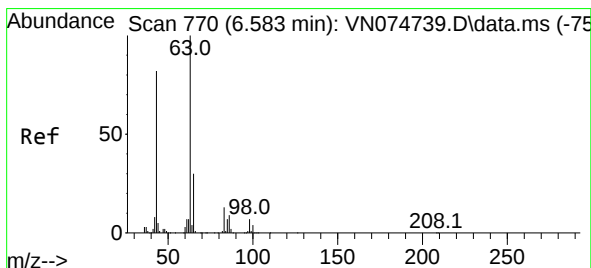
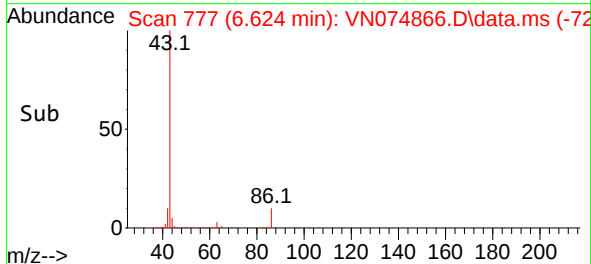
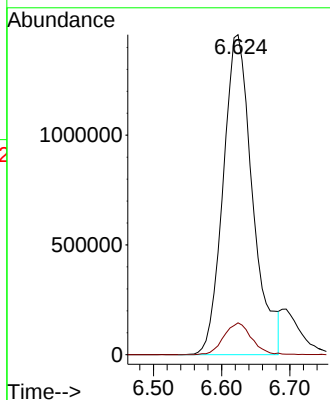
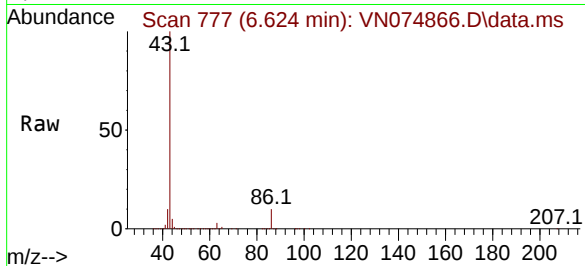




#23
 Vinyl Acetate
 Concen: 201.491 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

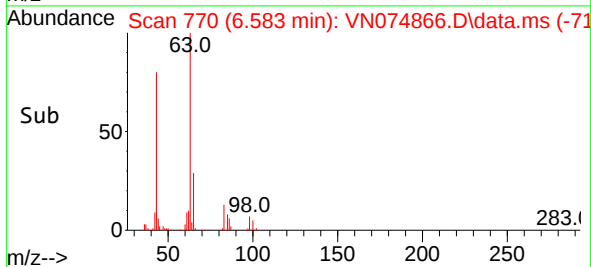
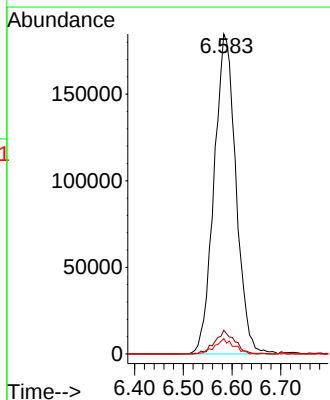
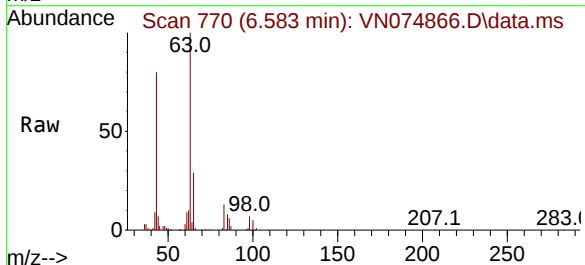
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

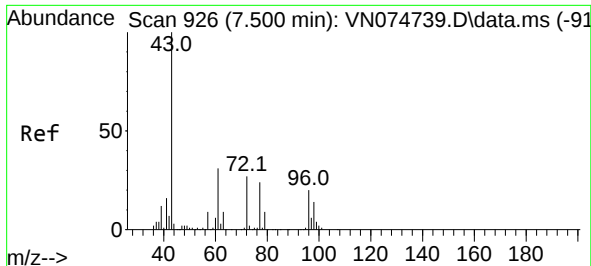
Tgt Ion: 43 Resp: 4380165
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 42.276 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion: 63 Resp: 576825
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.8 1.8 5.5

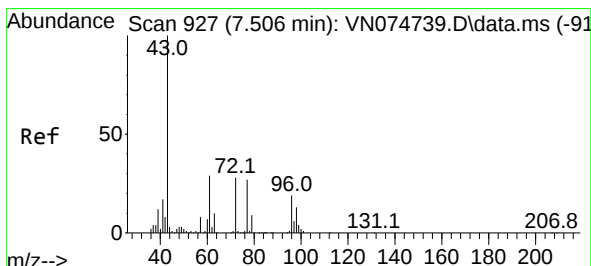
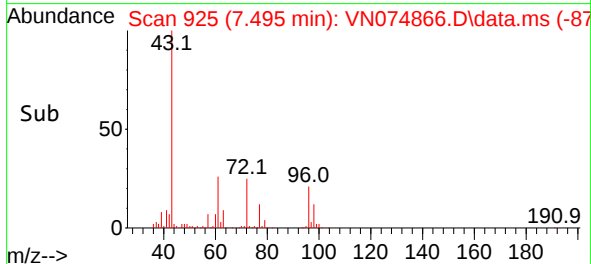
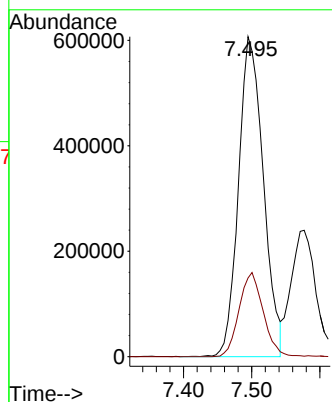
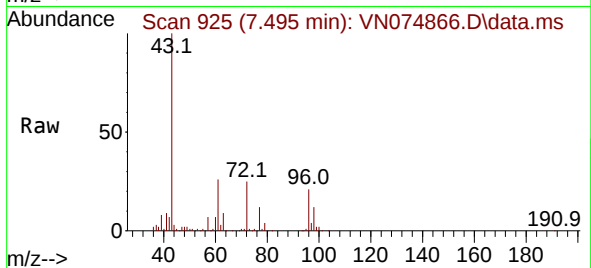




#25
2-Butanone
Concen: 202.017 ug/l
RT: 7.495 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

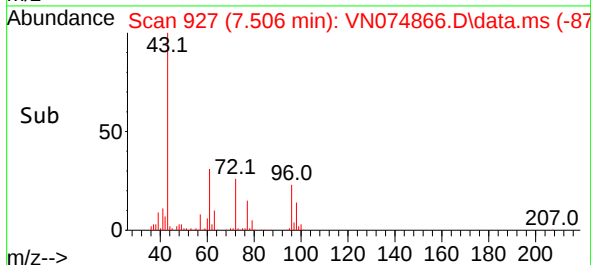
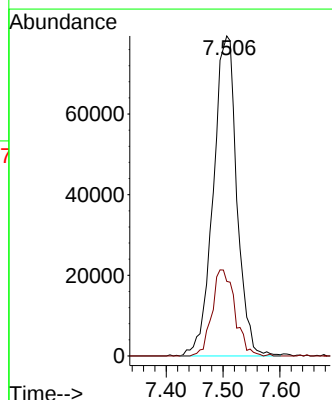
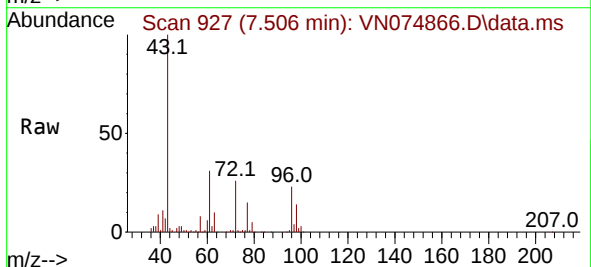
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

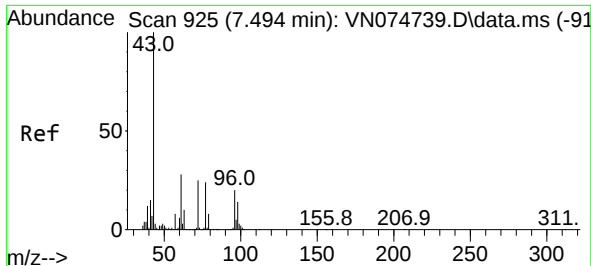
Tgt Ion: 43 Resp: 1537856
Ion Ratio Lower Upper
43 100
72 24.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.313 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 77 Resp: 228594
Ion Ratio Lower Upper
77 100
97 26.1 11.8 35.3

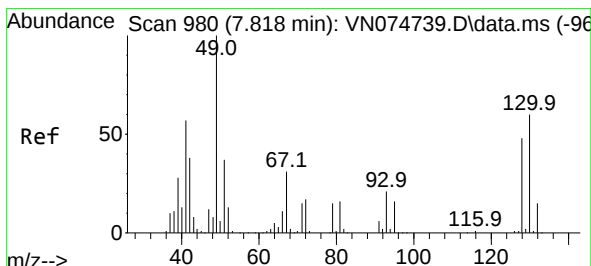
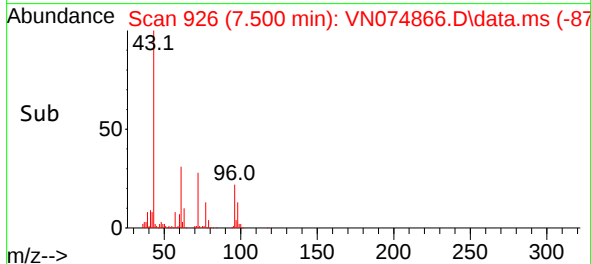
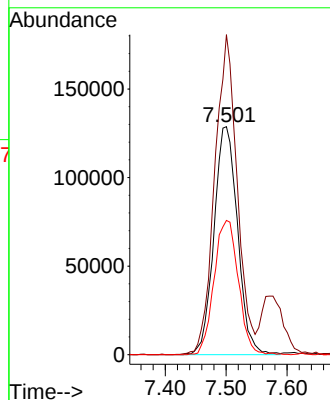
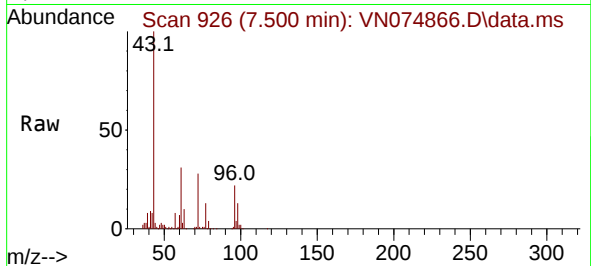




#27
 cis-1,2-Dichloroethene
 Concen: 44.887 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

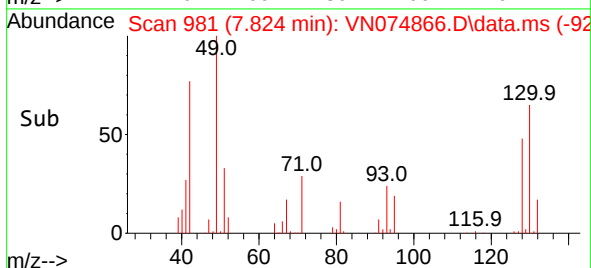
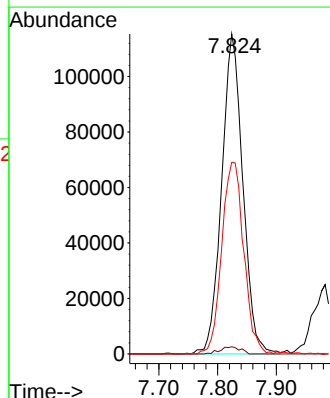
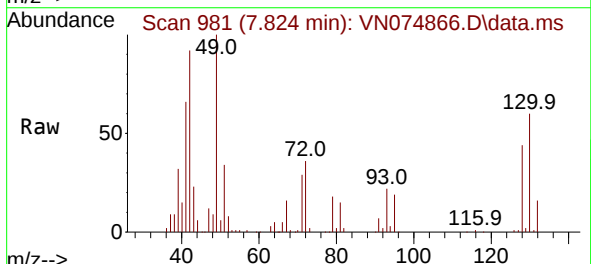
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

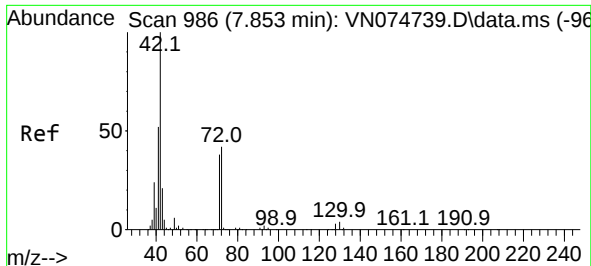
Tgt Ion: 96 Resp: 346535
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 303.2
 98 60.8 0.0 131.0



#28
 Bromochloromethane
 Concen: 46.863 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion: 49 Resp: 288501
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.4
 130 62.2 49.0 73.4





#29

Tetrahydrofuran

Concen: 198.374 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

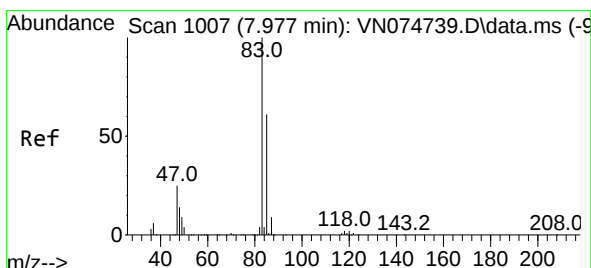
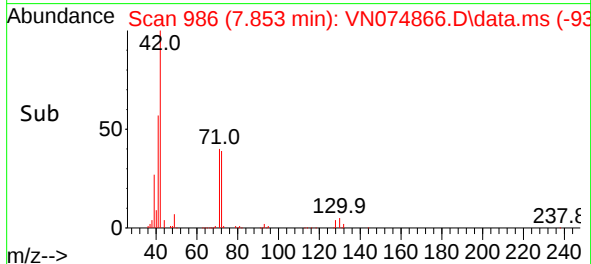
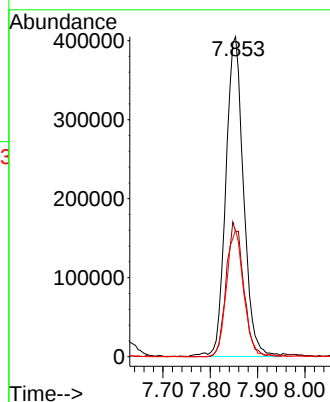
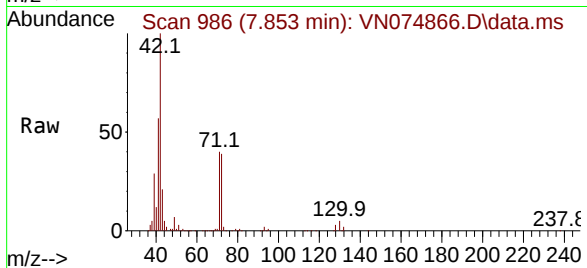
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1052491

Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.0	49.6
71	38.6	30.4	45.6



#30

Chloroform

Concen: 46.337 ug/l

RT: 7.977 min Scan# 1007

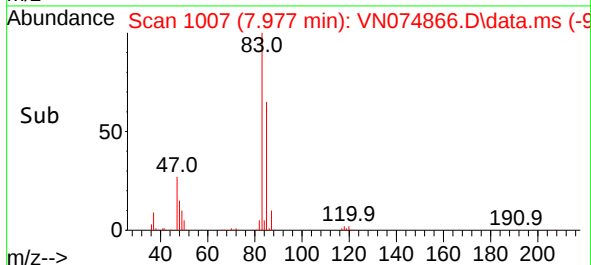
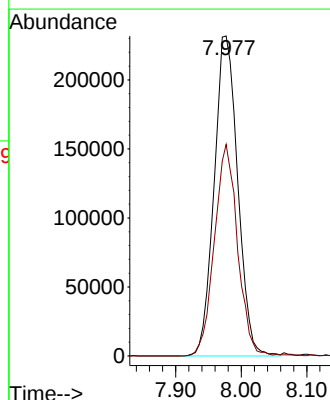
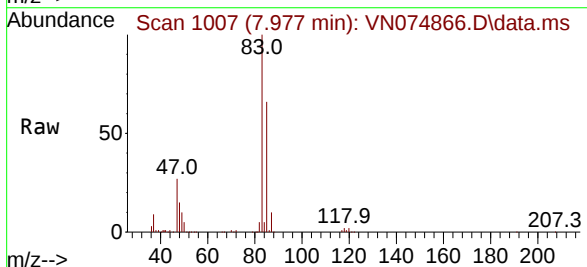
Delta R.T. 0.000 min

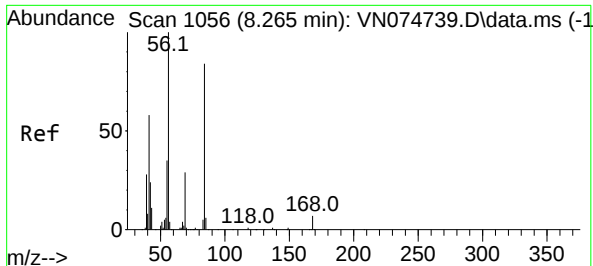
Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Tgt Ion: 83 Resp: 579095

Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.0	73.4

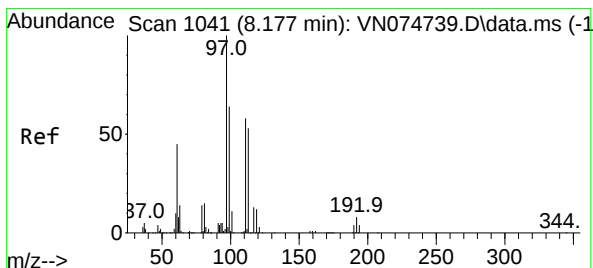
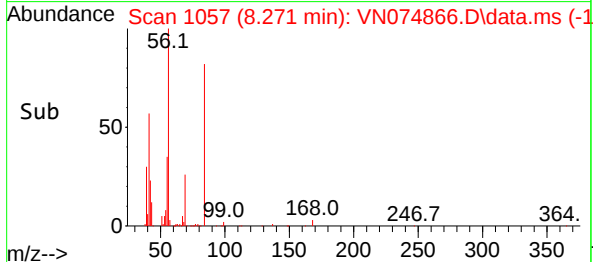
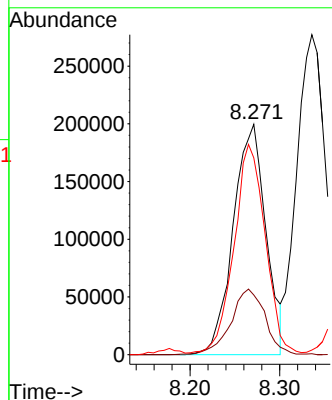
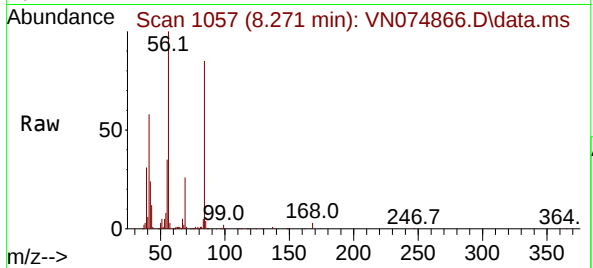




#31
Cyclohexane
Concen: 39.433 ug/l
RT: 8.271 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

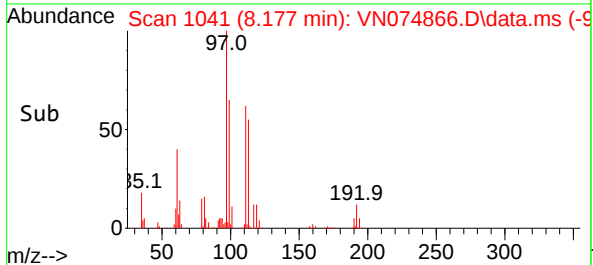
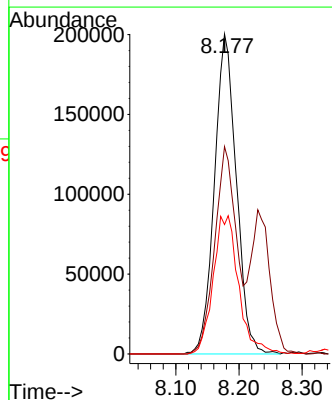
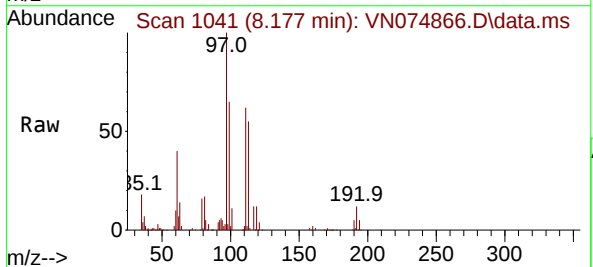
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

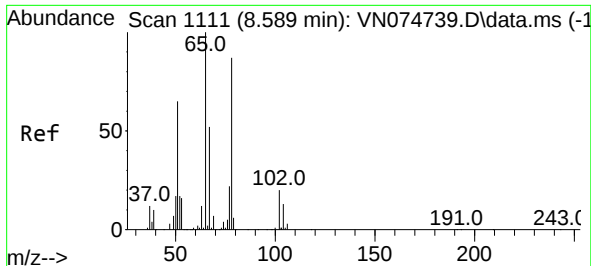
Tgt Ion: 56 Resp: 504464
Ion Ratio Lower Upper
56 100
69 25.6 23.1 34.7
84 83.8 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 45.303 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 97 Resp: 482591
Ion Ratio Lower Upper
97 100
99 63.2 50.7 76.1
61 50.3 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 48.616 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

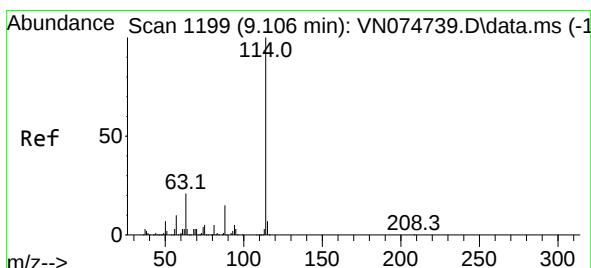
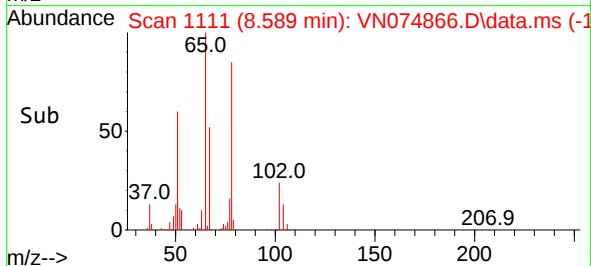
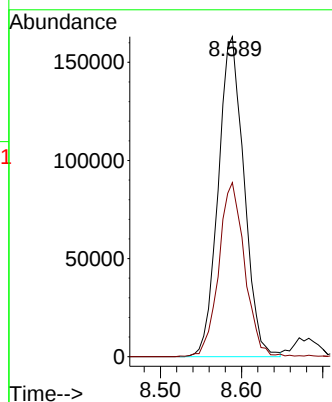
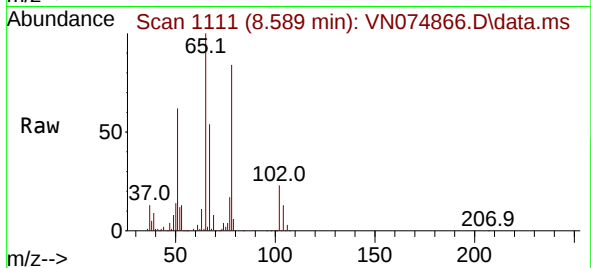
VSTDCCC050EC

Tgt Ion: 65 Resp: 359839

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

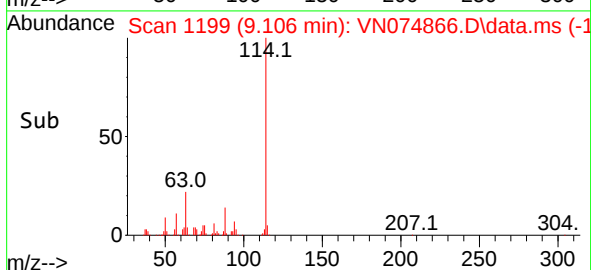
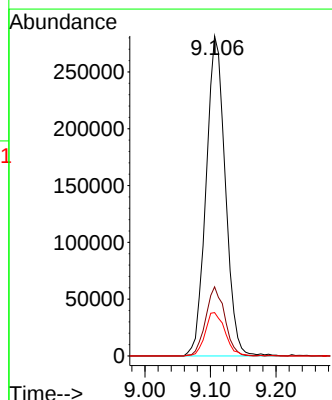
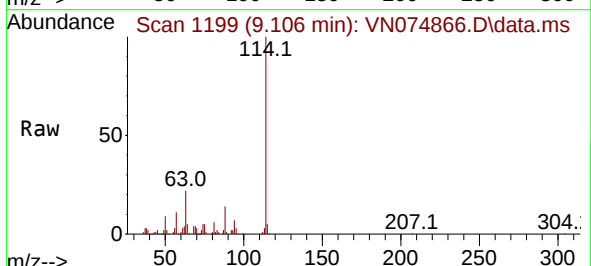
Tgt Ion: 114 Resp: 574078

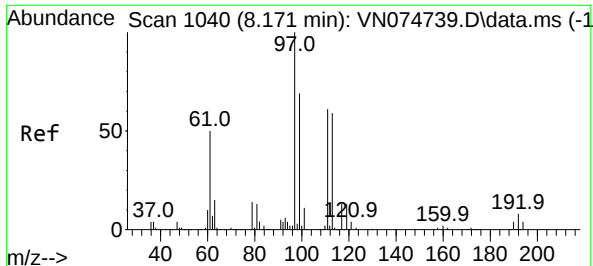
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.2

88 13.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.971 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

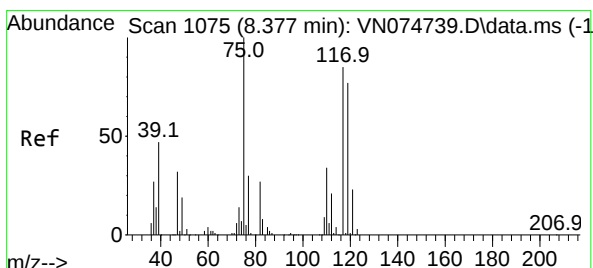
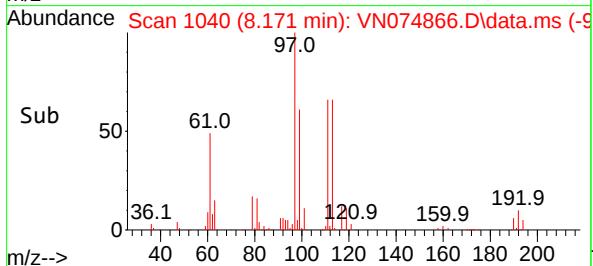
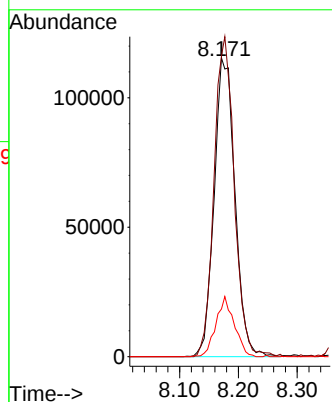
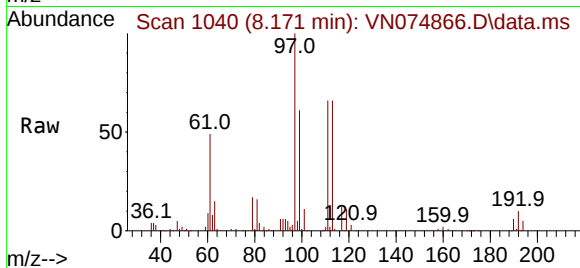
Tgt Ion:113 Resp: 284046

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 17.7 12.6 18.8



#36

1,1-Dichloropropene

Concen: 44.301 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

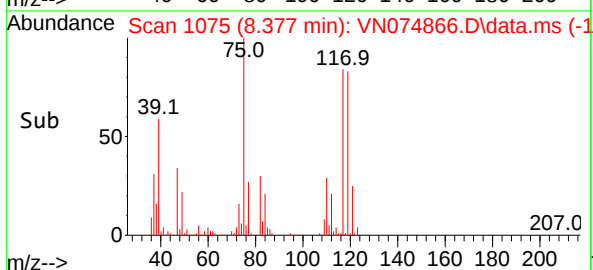
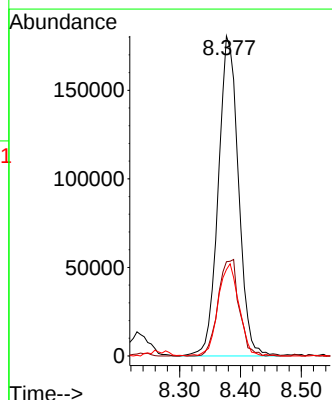
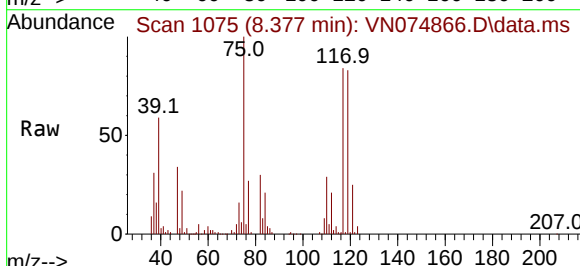
Tgt Ion: 75 Resp: 415902

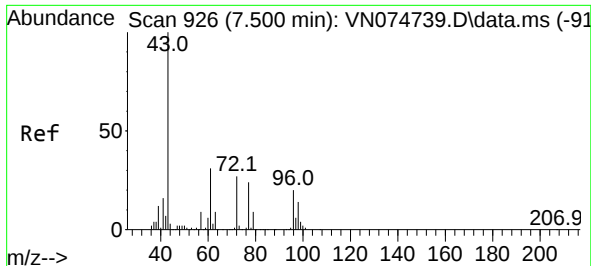
Ion Ratio Lower Upper

75 100

110 31.4 17.2 51.5

77 29.8 24.3 36.5





#37

Ethyl Acetate

Concen: 40.839 ug/l

RT: 7.495 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

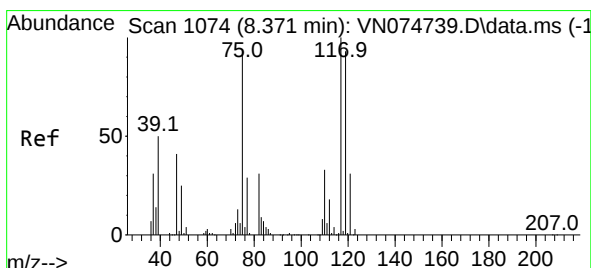
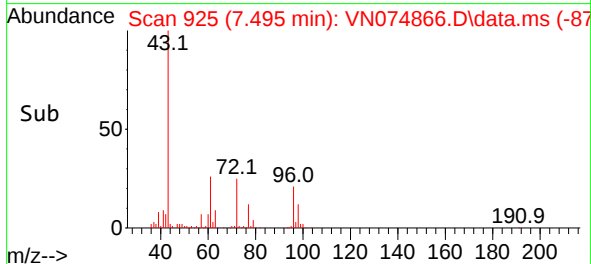
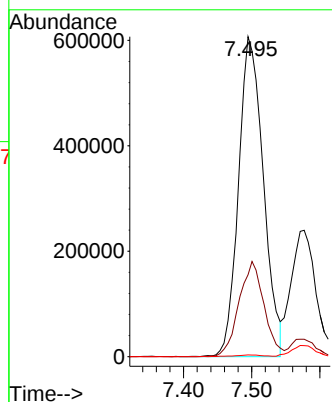
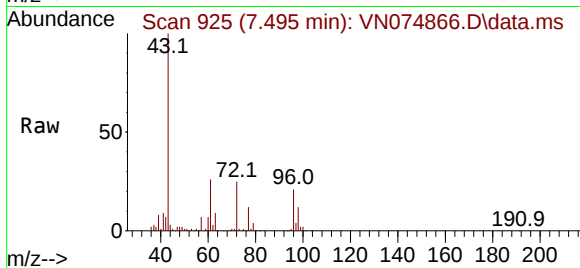
Tgt Ion: 43 Resp: 1537856

Ion Ratio Lower Upper

43 100

61 30.1 4.3 6.5#

70 0.6 3.0 4.4#



#38

Carbon Tetrachloride

Concen: 45.544 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

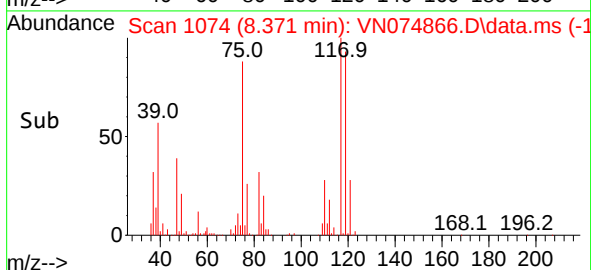
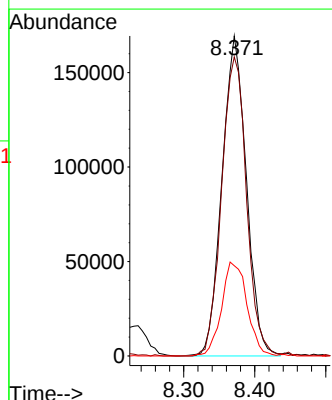
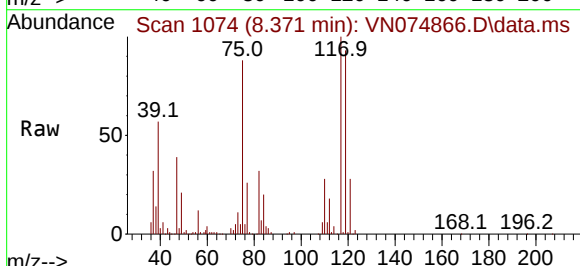
Tgt Ion: 117 Resp: 403223

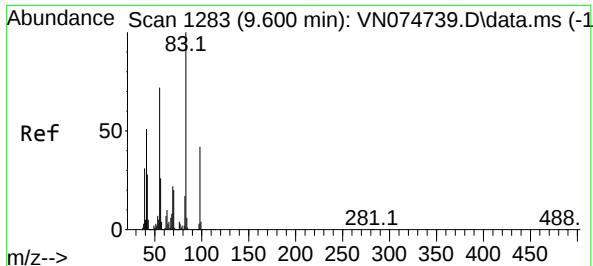
Ion Ratio Lower Upper

117 100

119 93.5 74.3 111.5

121 28.2 25.0 37.4





#39

Methylcyclohexane

Concen: 40.792 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

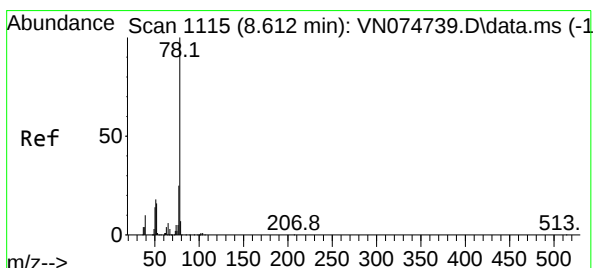
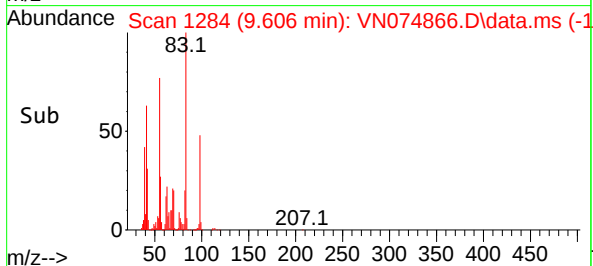
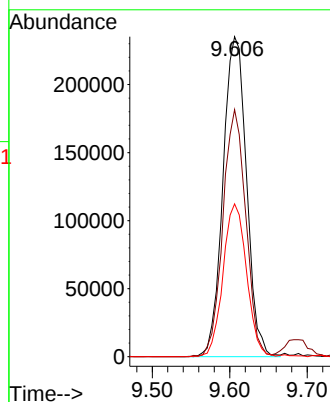
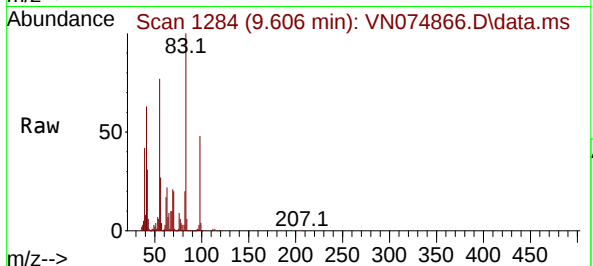
Tgt Ion: 83 Resp: 496115

Ion Ratio Lower Upper

83 100

55 77.2 57.3 85.9

98 47.7 33.4 50.2



#40

Benzene

Concen: 44.688 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074866.D

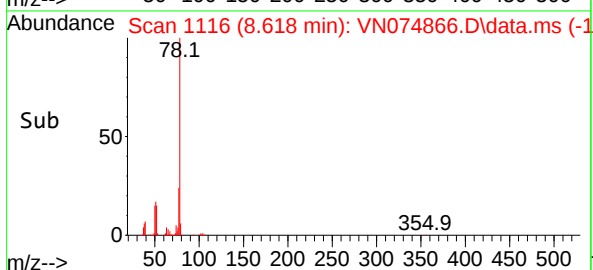
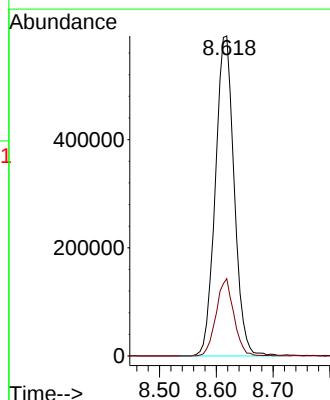
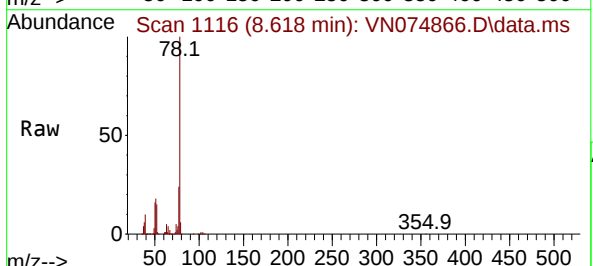
Acq: 11 Oct 2022 23:03

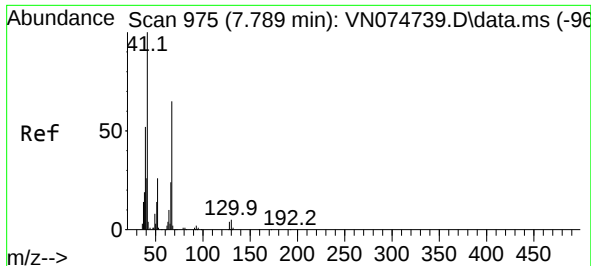
Tgt Ion: 78 Resp: 1358180

Ion Ratio Lower Upper

78 100

77 24.1 20.1 30.1

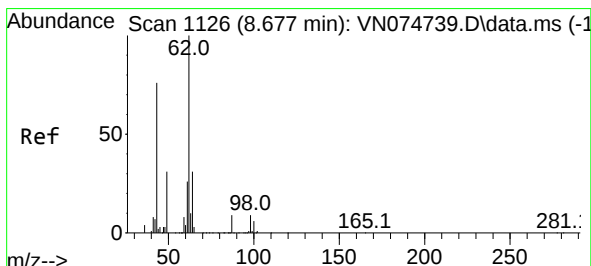
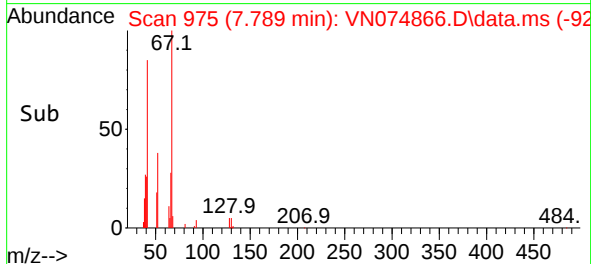
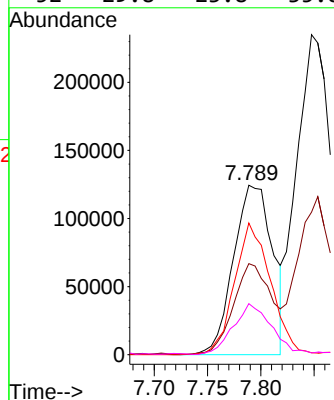
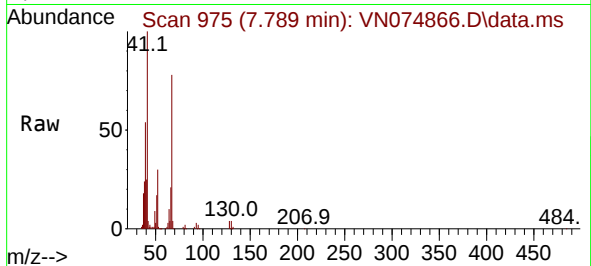




#41
Methacrylonitrile
Concen: 42.832 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

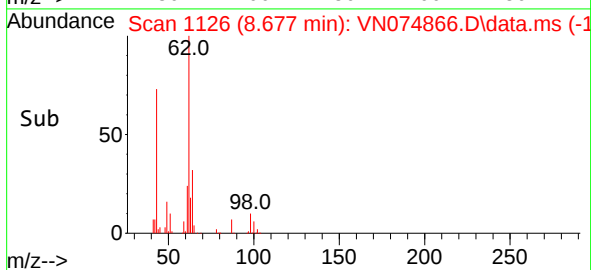
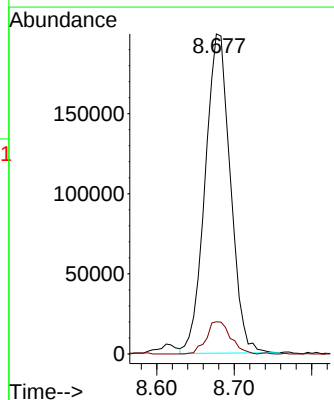
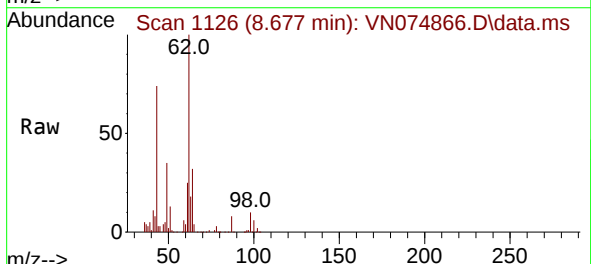
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

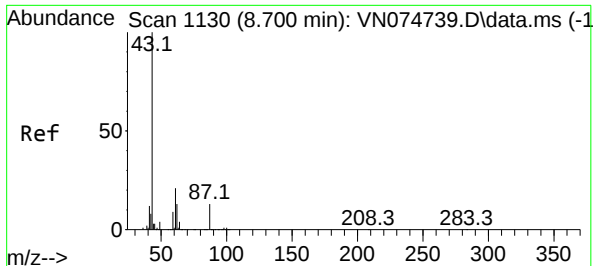
Tgt Ion: 41 Resp: 317748
Ion Ratio Lower Upper
41 100
39 52.0 43.3 64.9
67 72.1 60.2 90.2
52 29.8 23.8 35.8



#42
1,2-Dichloroethane
Concen: 47.256 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 62 Resp: 450818
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4

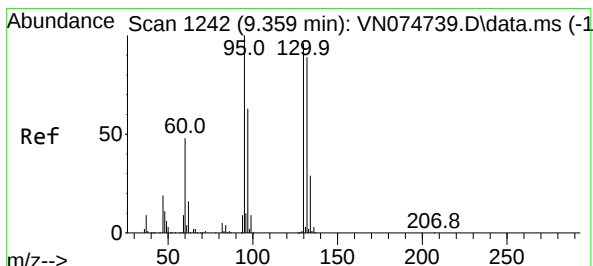
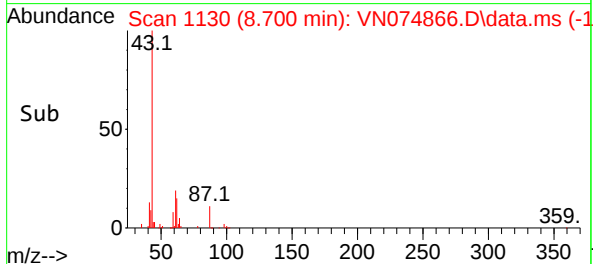
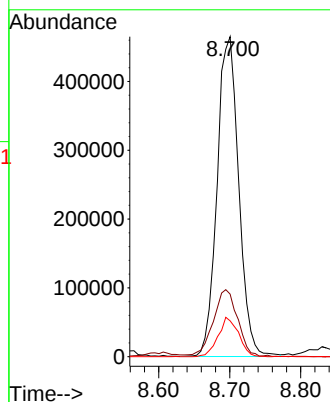
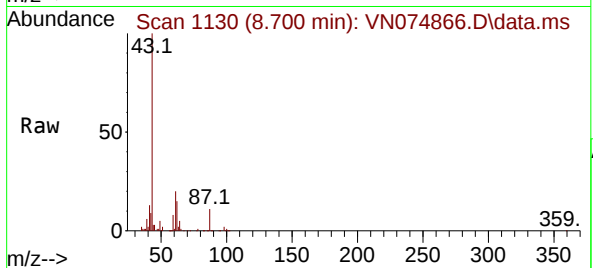




#43
Isopropyl Acetate
Concen: 42.200 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

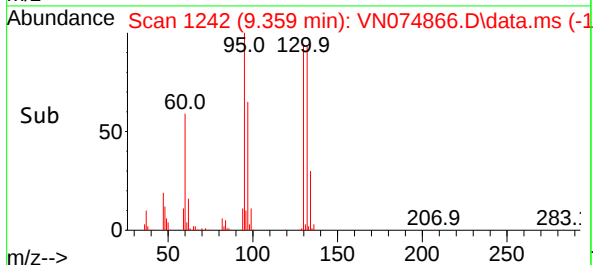
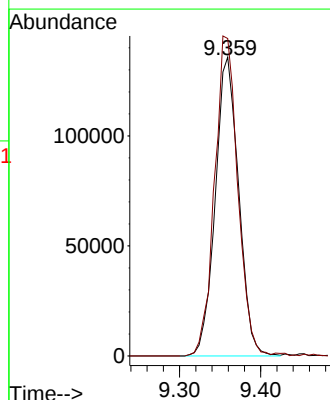
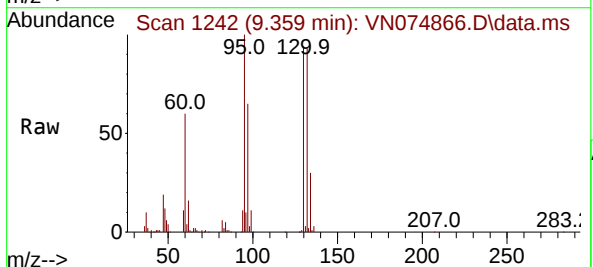
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

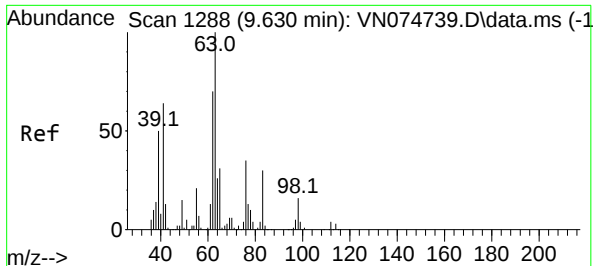
Tgt Ion: 43 Resp: 982034
Ion Ratio Lower Upper
43 100
61 23.9 19.4 29.0
87 11.6 10.1 15.1



#44
Trichloroethene
Concen: 43.008 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:130 Resp: 272237
Ion Ratio Lower Upper
130 100
95 106.2 0.0 207.6





#45

1,2-Dichloropropane

Concen: 44.157 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

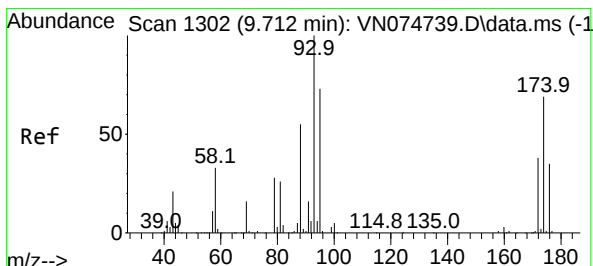
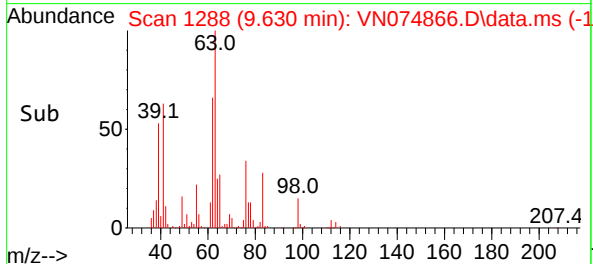
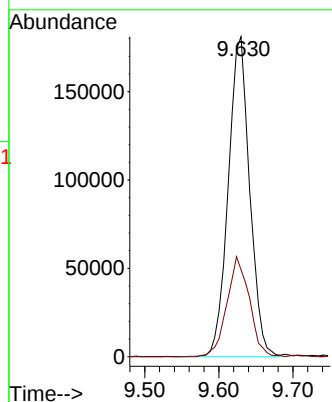
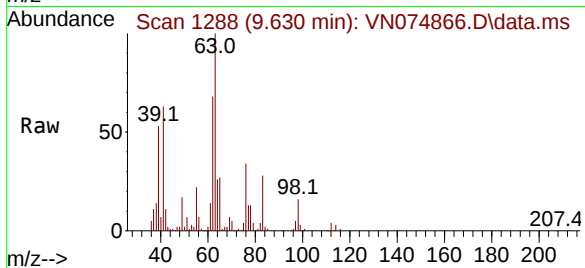
VSTDCCC050EC

Tgt Ion: 63 Resp: 363388

Ion Ratio Lower Upper

63 100

65 27.2 24.5 36.7



#46

Dibromomethane

Concen: 47.465 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

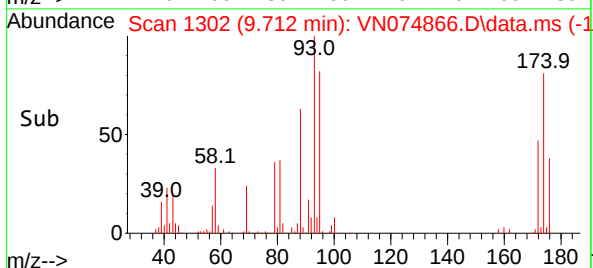
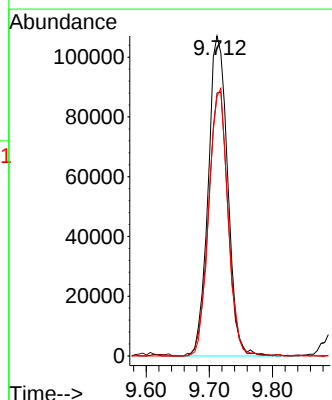
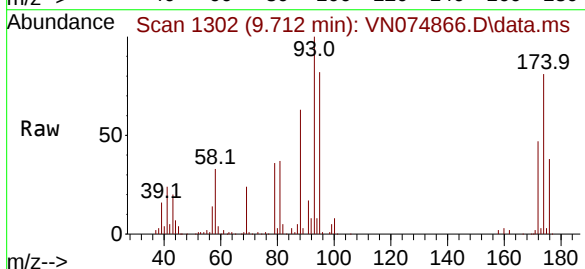
Tgt Ion: 93 Resp: 229204

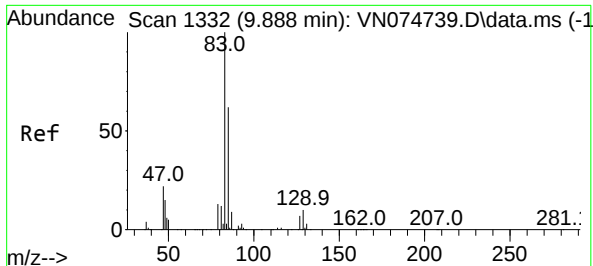
Ion Ratio Lower Upper

93 100

95 82.7 63.4 95.2

174 81.9 60.5 90.7

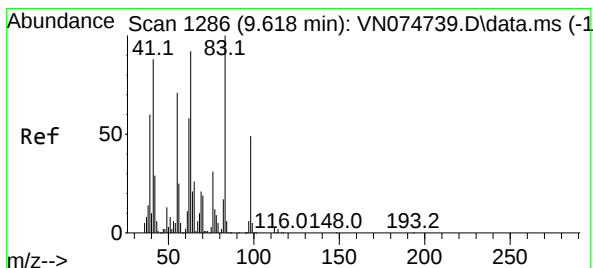
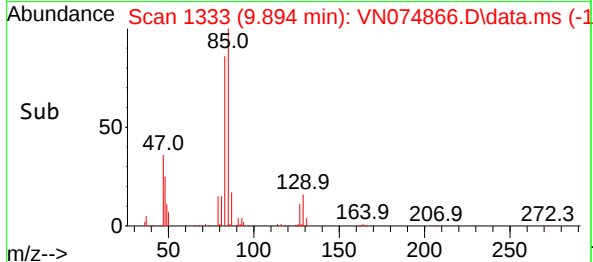
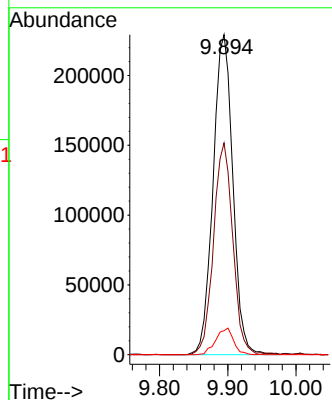
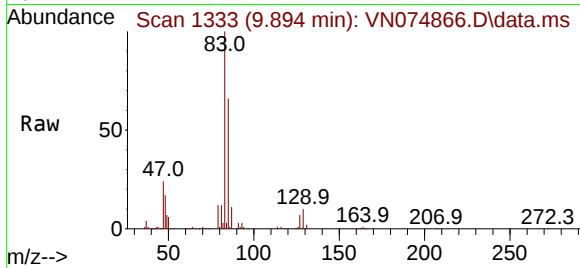




#47
Bromodichloromethane
Concen: 46.889 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

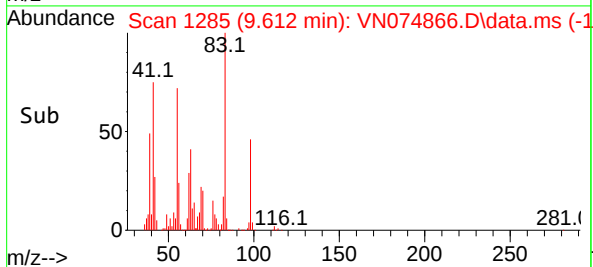
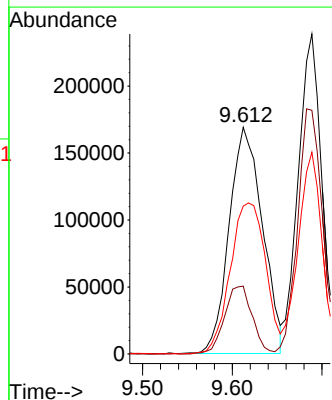
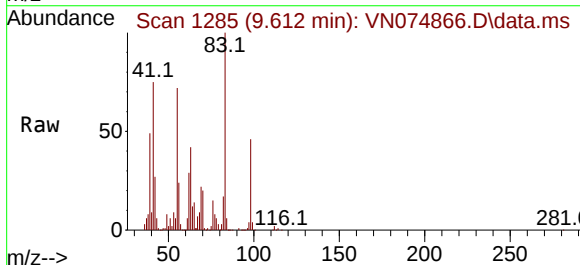
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

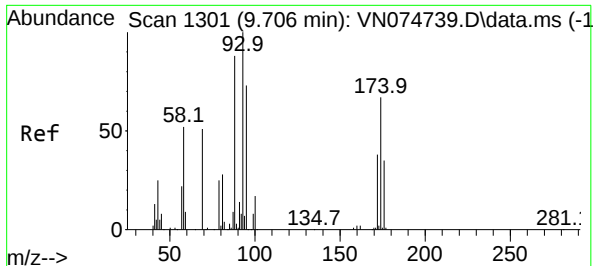
Tgt Ion: 83 Resp: 462600
Ion Ratio Lower Upper
83 100
85 66.2 49.7 74.5
127 7.5 5.8 8.8



#48
Methyl methacrylate
Concen: 45.494 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 41 Resp: 434649
Ion Ratio Lower Upper
41 100
69 25.0 0.0 0.0#
39 71.2 54.4 81.6





#49

1,4-Dioxane

Concen: 829.459 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

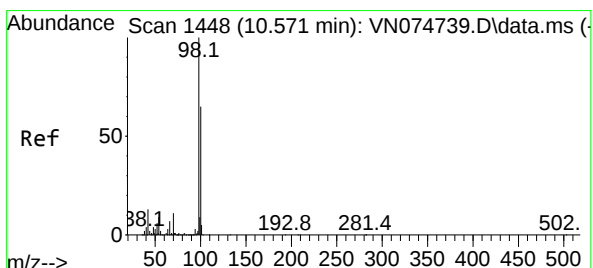
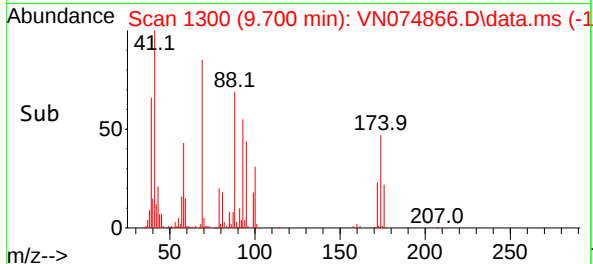
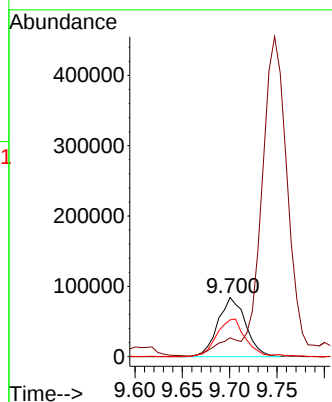
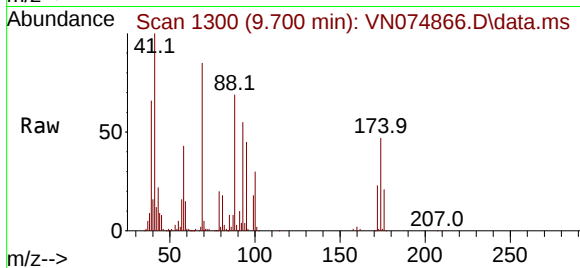
Tgt Ion: 88 Resp: 171756

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 67.2 54.9 82.3



#50

Toluene-d8

Concen: 48.016 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074866.D

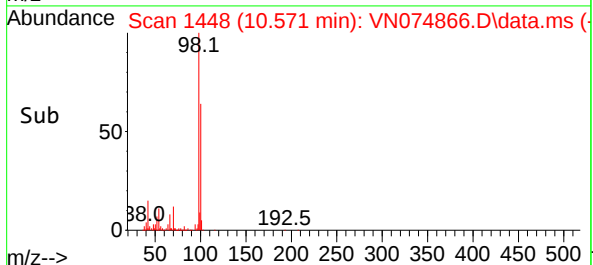
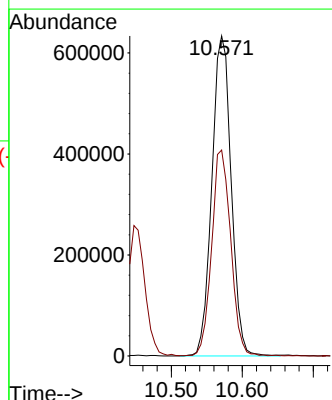
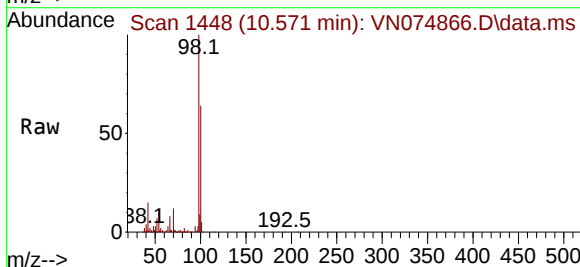
Acq: 11 Oct 2022 23:03

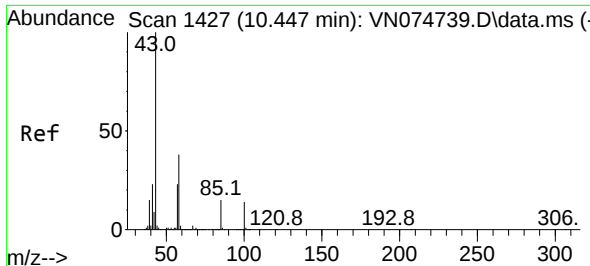
Tgt Ion: 98 Resp: 1195027

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 219.179 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

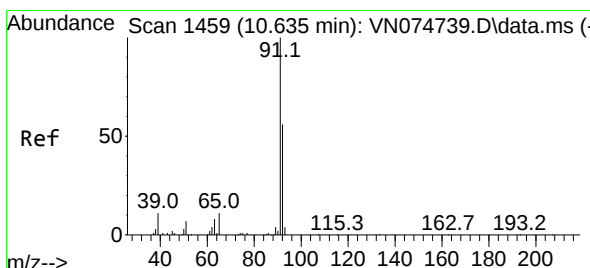
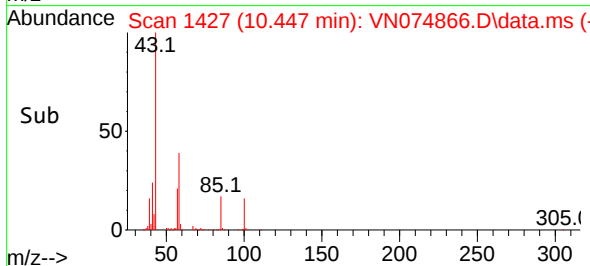
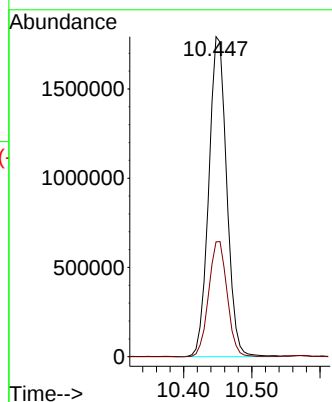
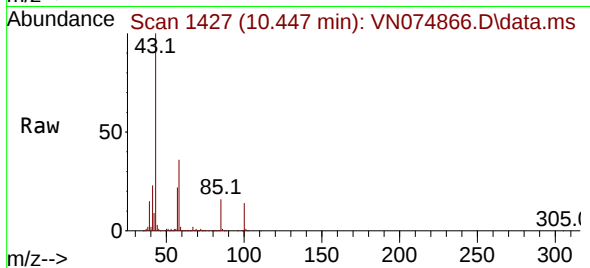
VSTDCCC050EC

Tgt Ion: 43 Resp: 3284530

Ion Ratio Lower Upper

43 100

58 37.0 30.6 45.8



#52

Toluene

Concen: 45.975 ug/l

RT: 10.636 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN074866.D

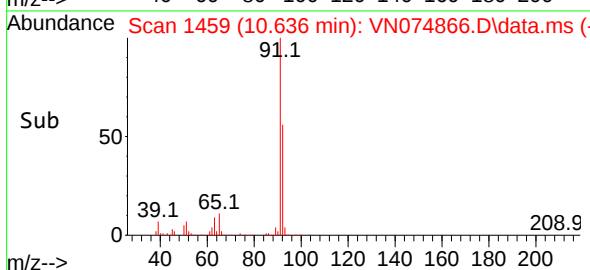
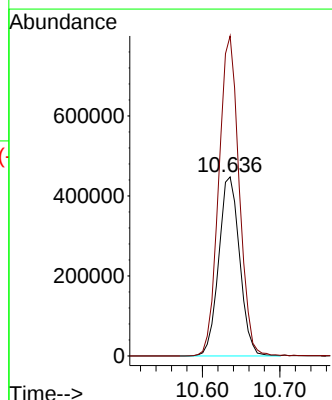
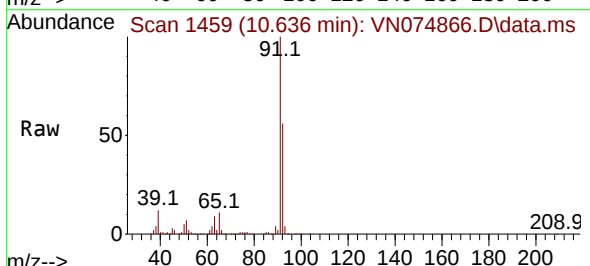
Acq: 11 Oct 2022 23:03

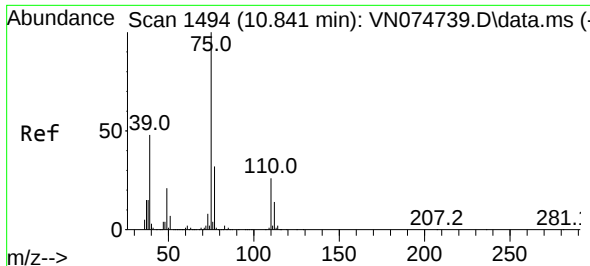
Tgt Ion: 92 Resp: 839414

Ion Ratio Lower Upper

92 100

91 174.3 140.2 210.4

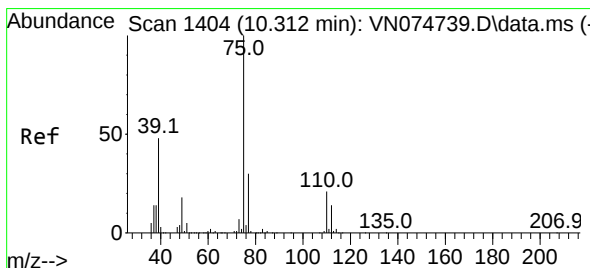
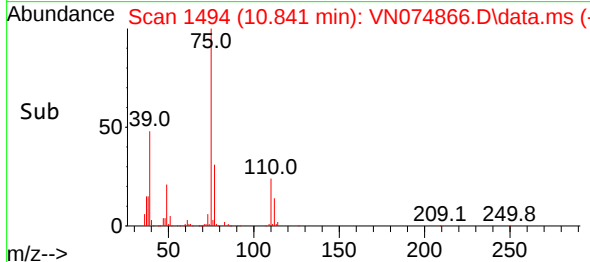
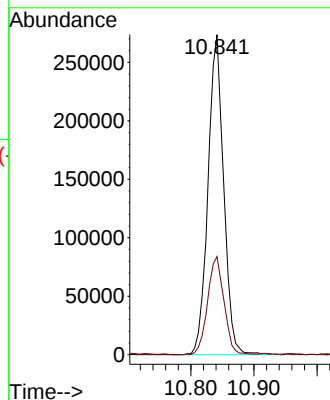
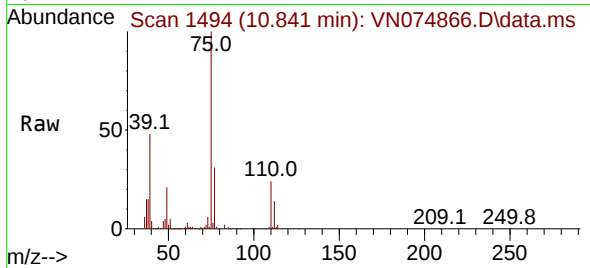




#53
t-1,3-Dichloropropene
Concen: 40.118 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

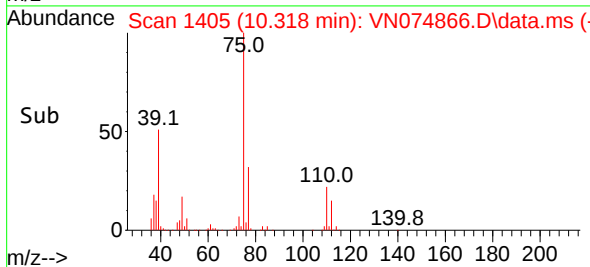
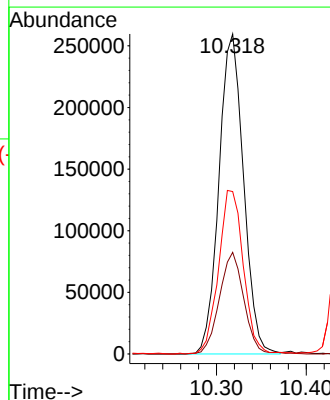
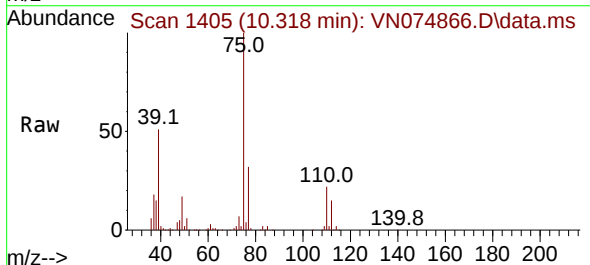
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

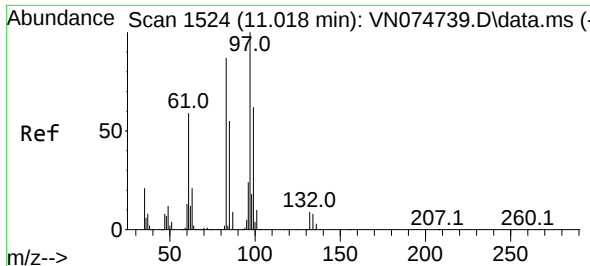
Tgt Ion: 75 Resp: 471598
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 38.833 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 75 Resp: 492836
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6
39 50.5 38.6 57.8



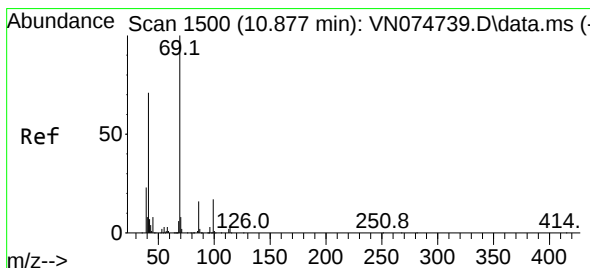
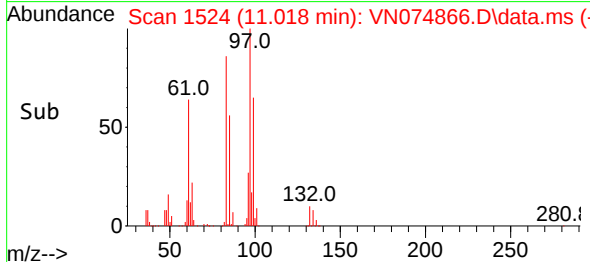
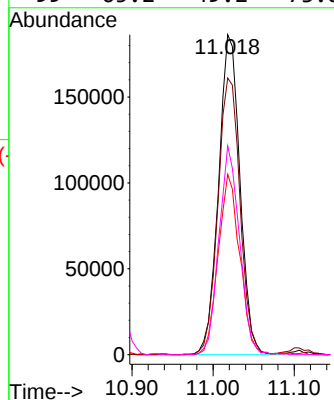
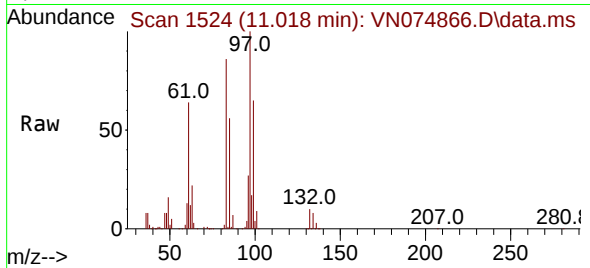


#55
 1,1,2-Trichloroethane
 Concen: 46.533 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 341613

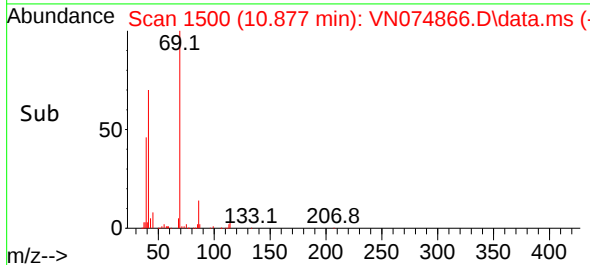
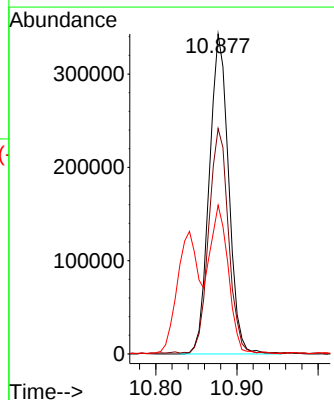
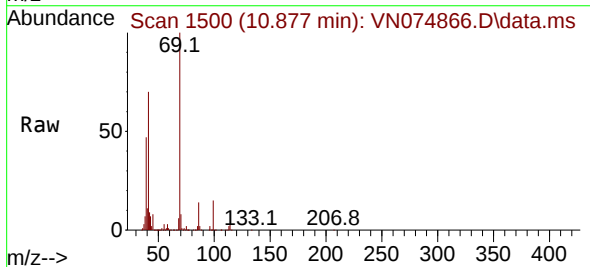
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.7	104.5
85	56.3	43.8	65.6
99	65.2	49.2	73.8

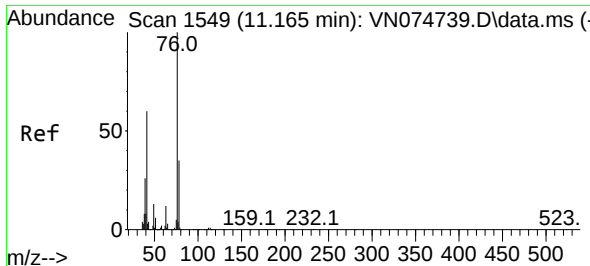


#56
 Ethyl methacrylate
 Concen: 42.447 ug/l
 RT: 10.877 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion: 69 Resp: 567543

Ion	Ratio	Lower	Upper
69	100		
41	70.8	54.9	82.3
39	43.8	31.5	47.3





#57

1,3-Dichloropropane

Concen: 45.943 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

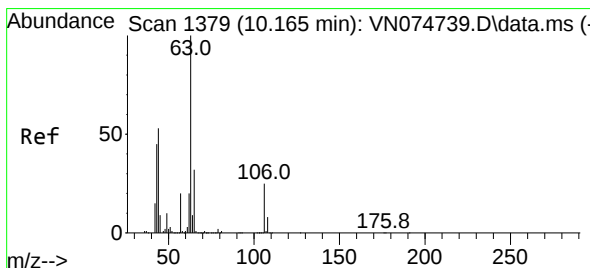
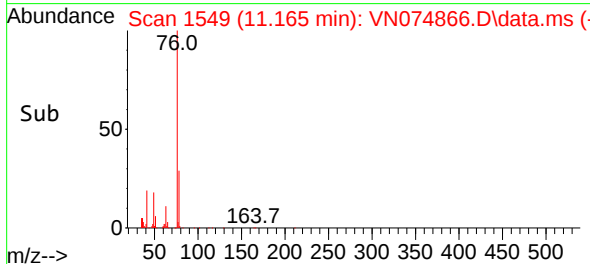
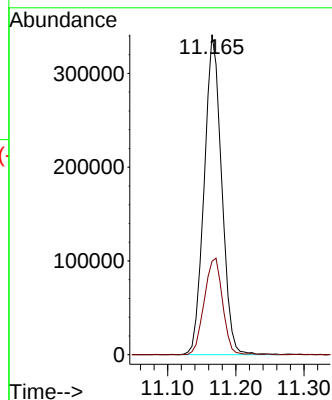
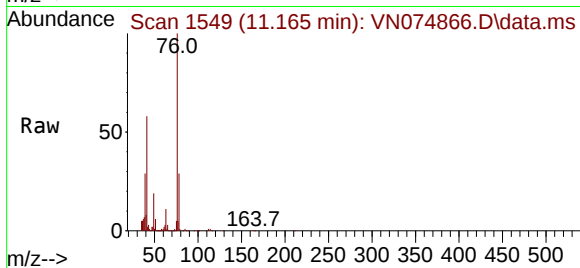
VSTDCCC050EC

Tgt Ion: 76 Resp: 607900

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 236.391 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074866.D

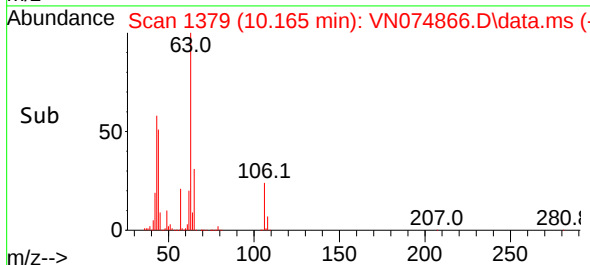
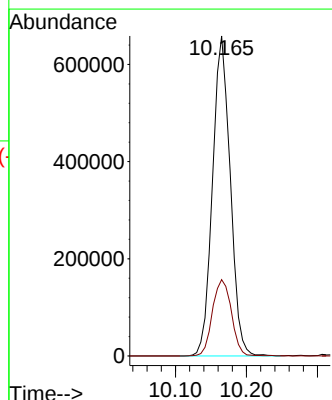
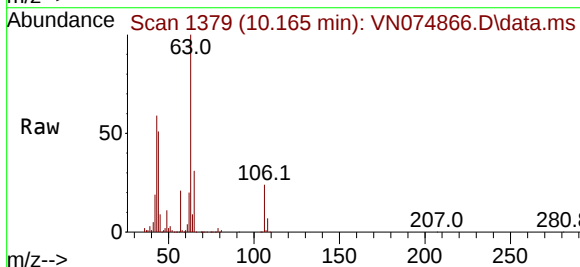
Acq: 11 Oct 2022 23:03

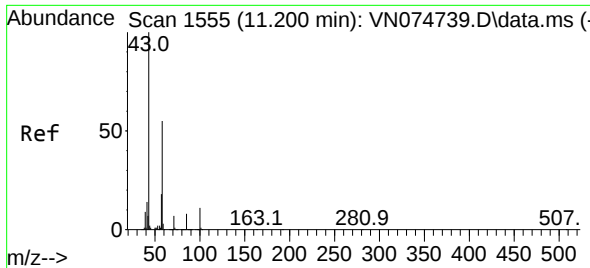
Tgt Ion: 63 Resp: 1140028

Ion Ratio Lower Upper

63 100

106 25.6 20.0 30.0

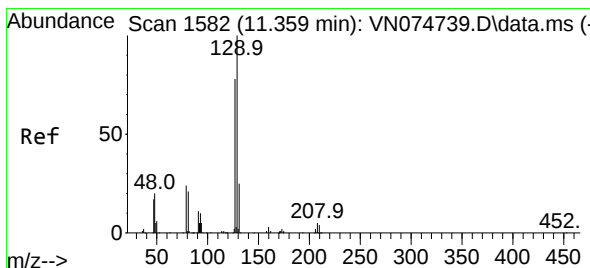
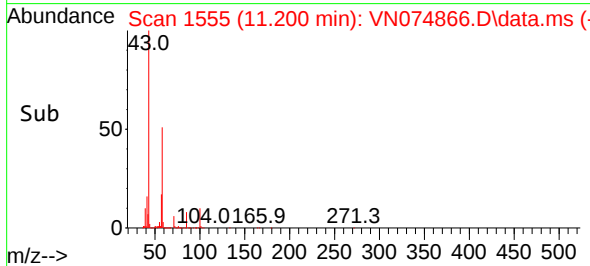
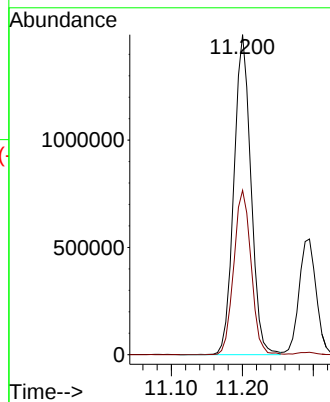
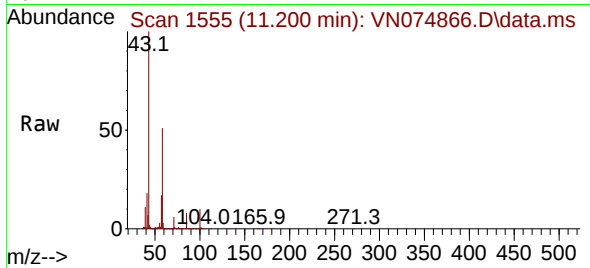




#59
2-Hexanone
Concen: 219.195 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

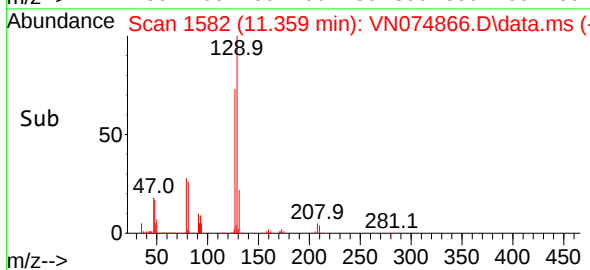
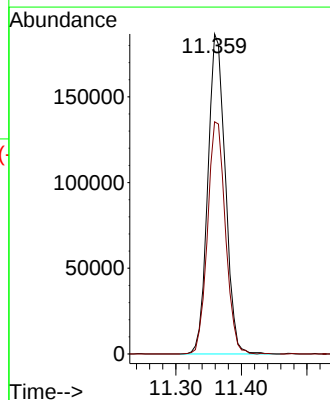
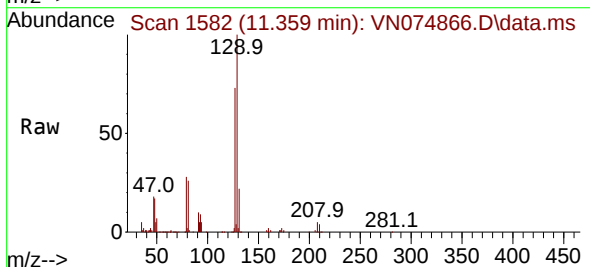
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

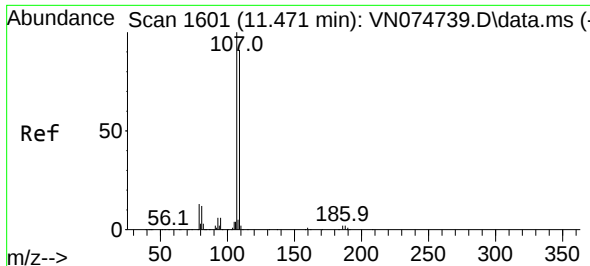
Tgt Ion: 43 Resp: 2484564
Ion Ratio Lower Upper
43 100
58 52.2 27.3 81.9



#60
Dibromochloromethane
Concen: 47.791 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:129 Resp: 345620
Ion Ratio Lower Upper
129 100
127 74.4 39.5 118.3

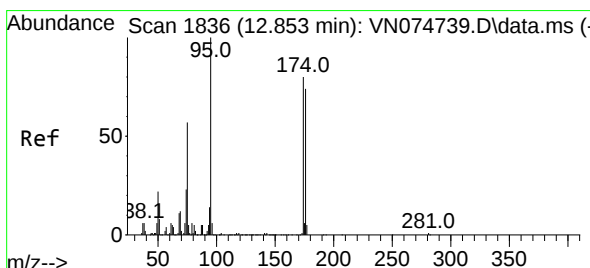
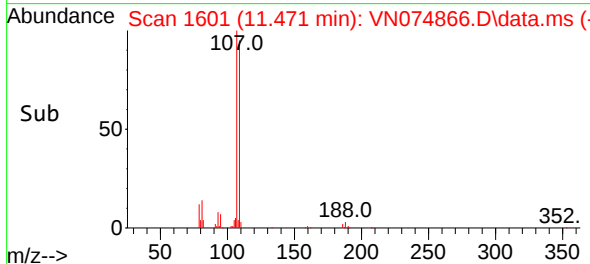
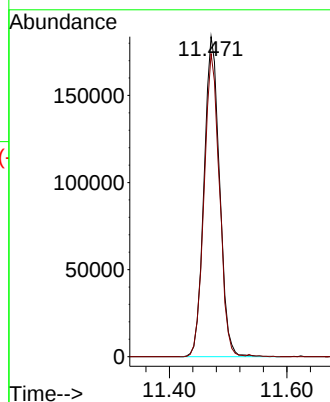
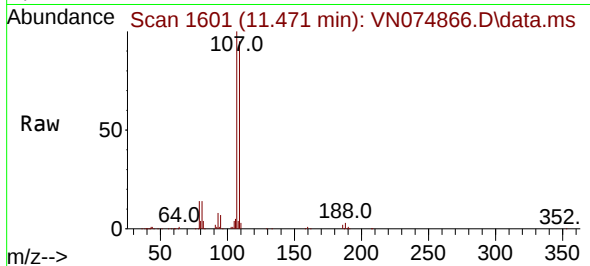




#61
1,2-Dibromoethane
Concen: 44.966 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

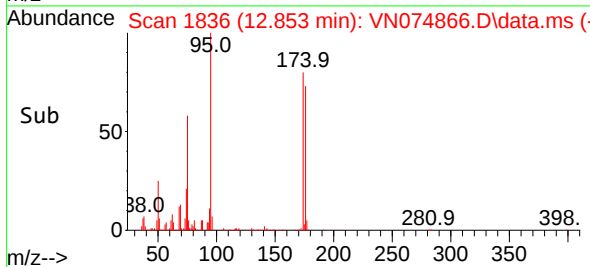
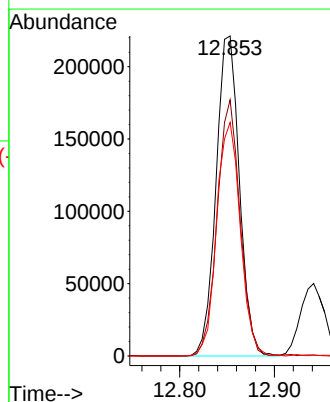
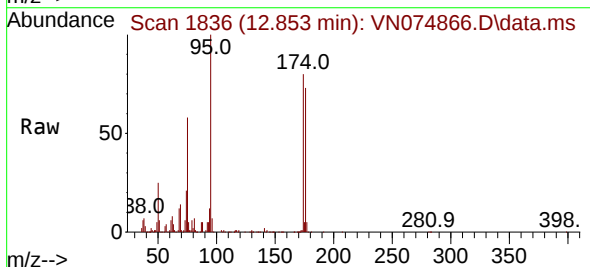
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

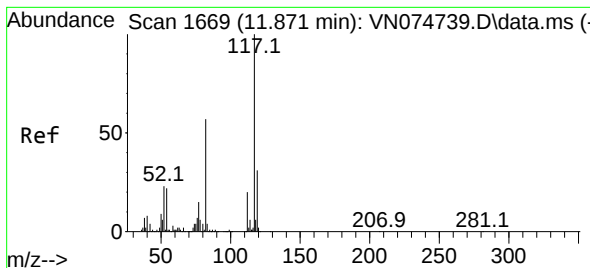
Tgt Ion:107 Resp: 335670
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 50.155 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 95 Resp: 379449
Ion Ratio Lower Upper
95 100
174 78.2 0.0 149.4
176 74.1 0.0 142.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

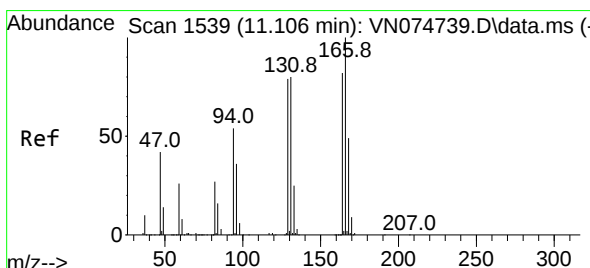
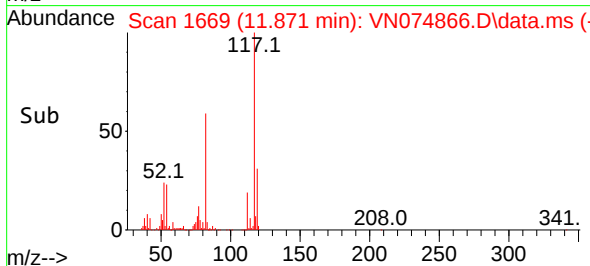
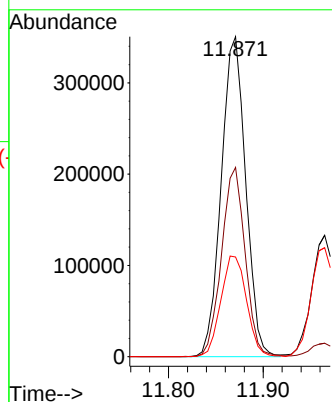
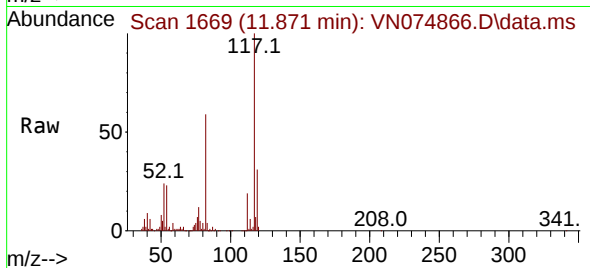
Tgt Ion:117 Resp: 629045

Ion Ratio Lower Upper

117 100

82 59.2 45.4 68.2

119 31.1 25.1 37.7



#64

Tetrachloroethene

Concen: 43.491 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Tgt Ion:164 Resp: 222087

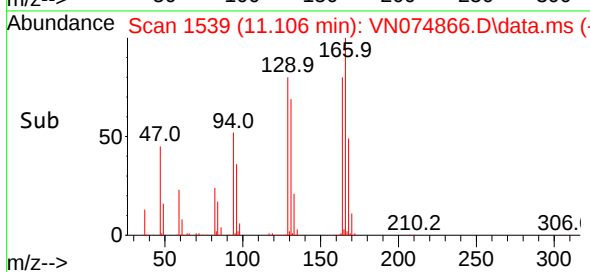
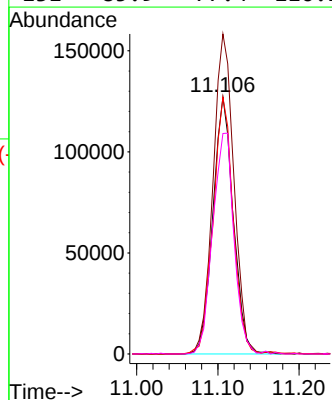
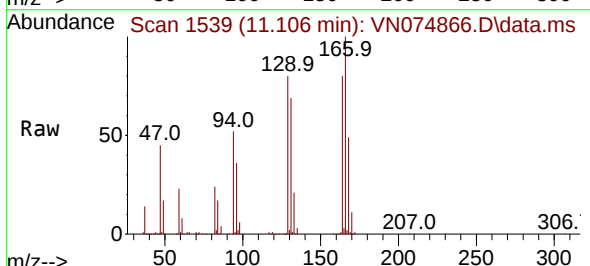
Ion Ratio Lower Upper

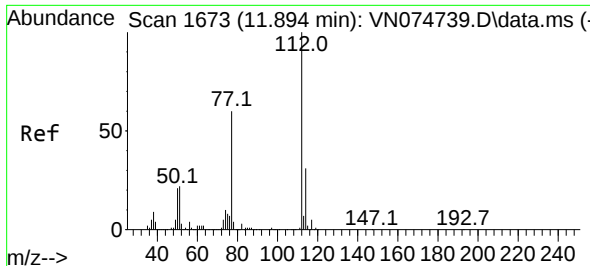
164 100

166 124.6 97.0 145.6

129 100.0 77.0 115.6

131 85.9 77.4 116.2

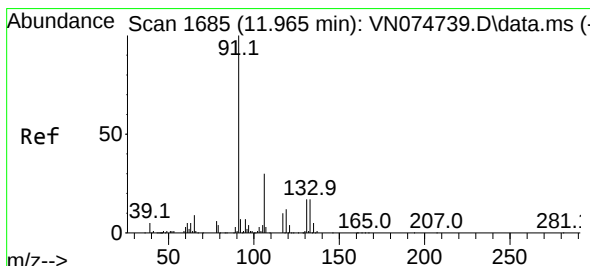
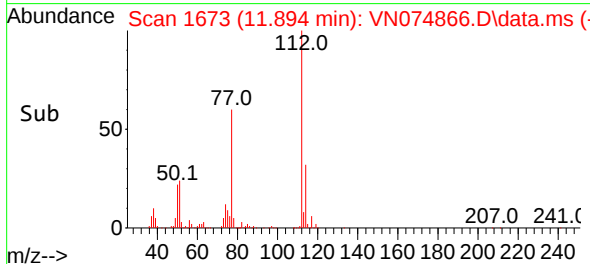
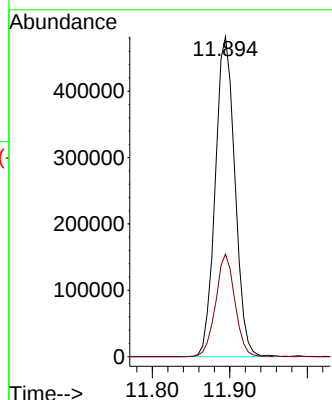
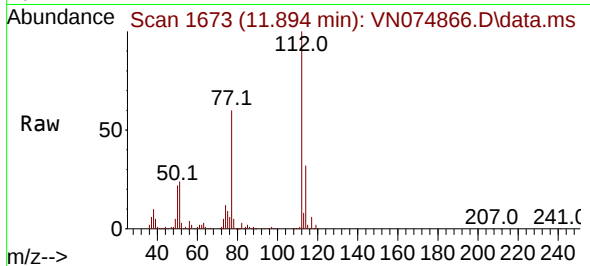




#65
Chlorobenzene
Concen: 44.042 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

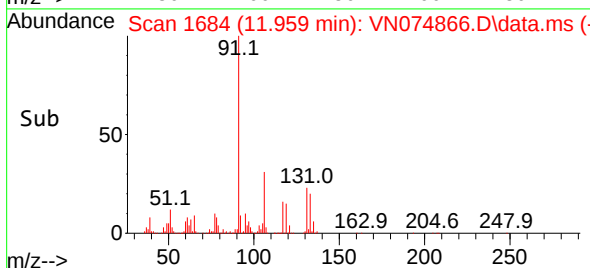
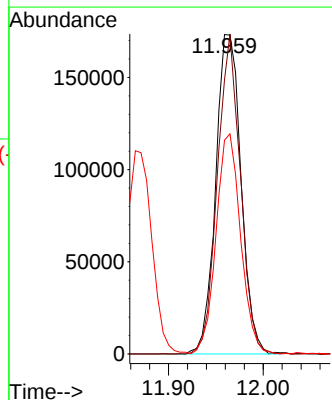
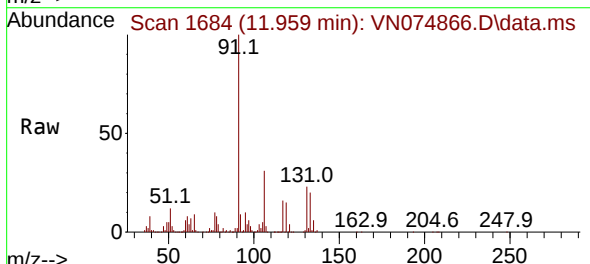
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

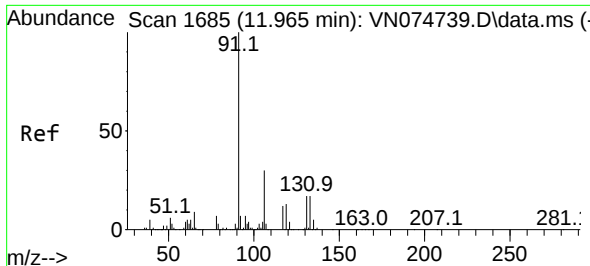
Tgt Ion:112 Resp: 848718
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.787 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:131 Resp: 322180
Ion Ratio Lower Upper
131 100
133 91.0 47.6 142.9
119 67.0 34.8 104.3

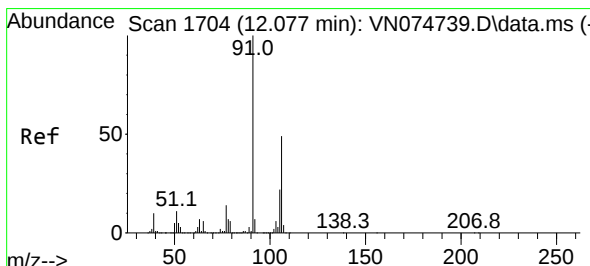
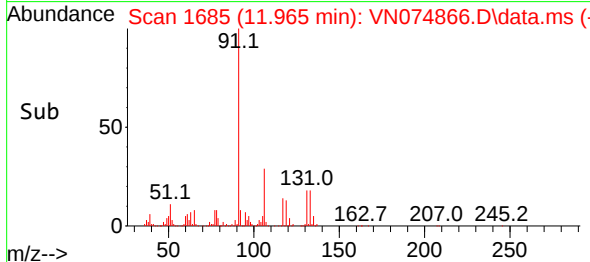
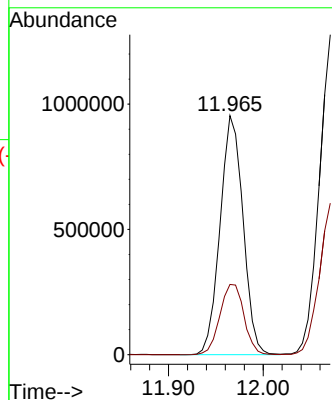
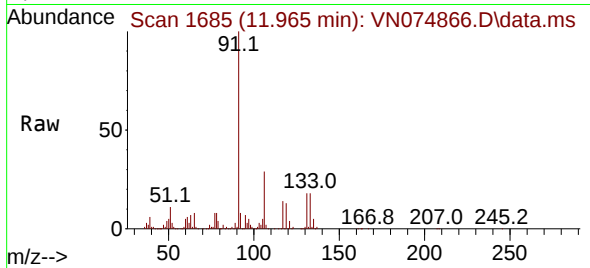




#67
Ethyl Benzene
Concen: 44.815 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

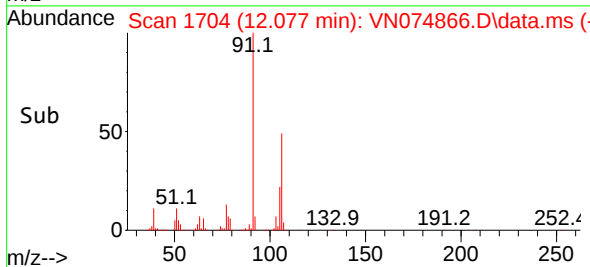
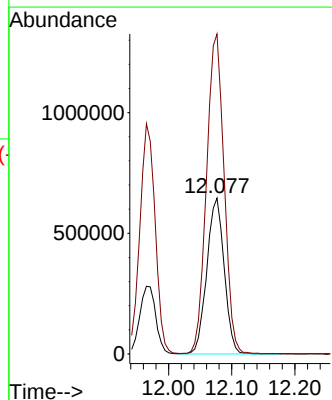
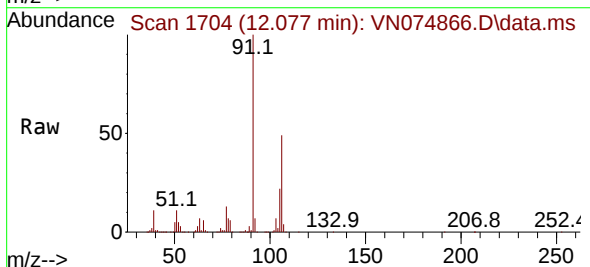
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

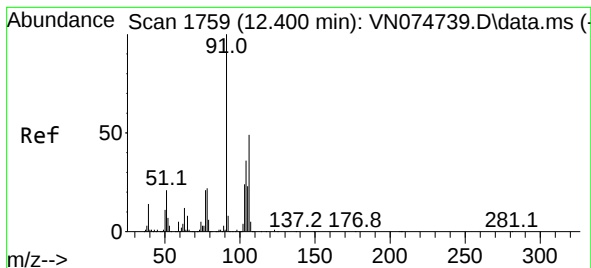
Tgt Ion: 91 Resp: 1609757
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 91.341 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:106 Resp: 1231641
Ion Ratio Lower Upper
106 100
91 207.3 164.2 246.4

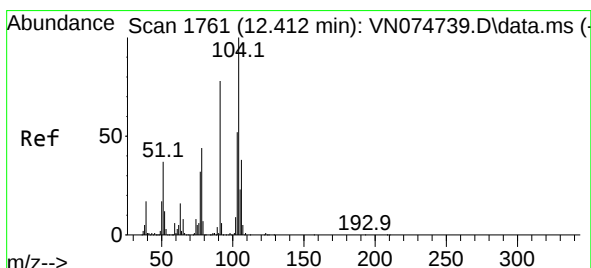
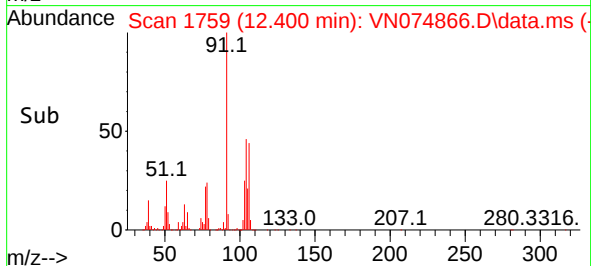
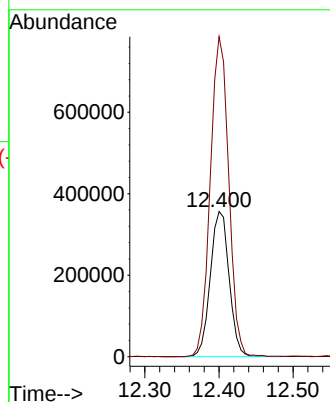
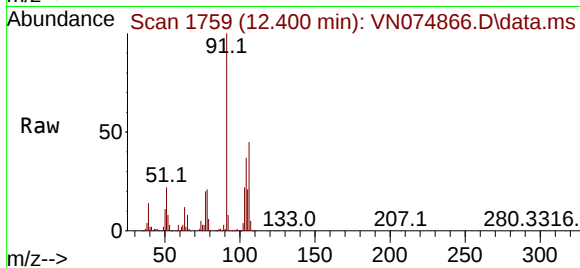




#69
o-Xylene
Concen: 45.403 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

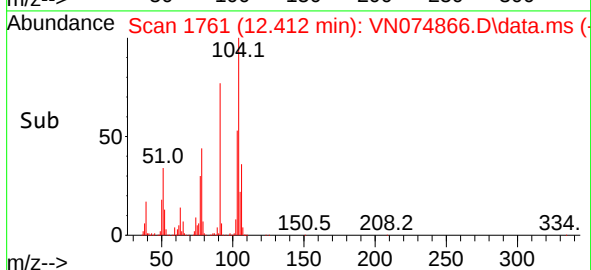
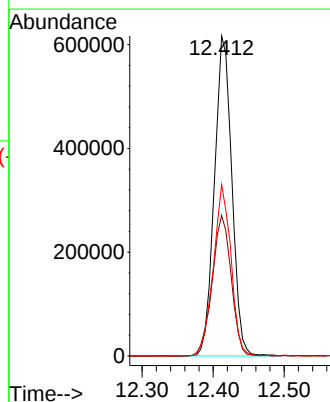
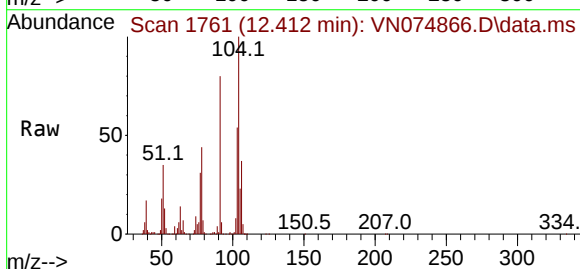
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

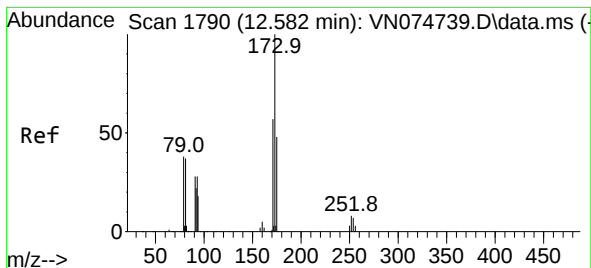
Tgt Ion:106 Resp: 628098
Ion Ratio Lower Upper
106 100
91 216.2 105.4 316.1



#70
Styrene
Concen: 48.134 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:104 Resp: 1049738
Ion Ratio Lower Upper
104 100
78 47.7 39.7 59.5
103 54.3 44.7 67.1





#71

Bromoform

Concen: 45.740 ug/l

RT: 12.583 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

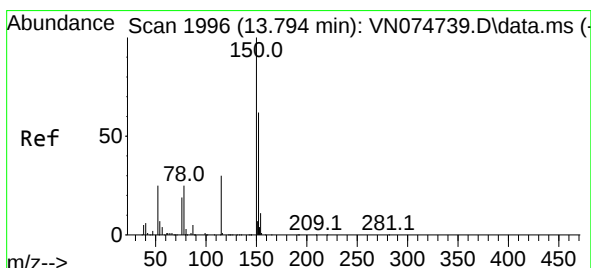
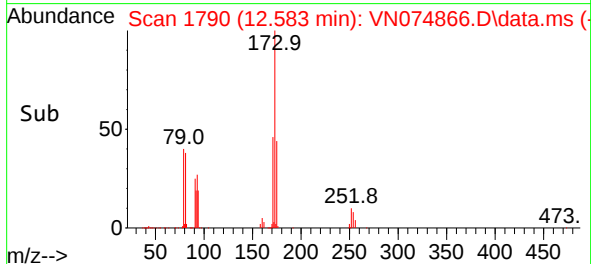
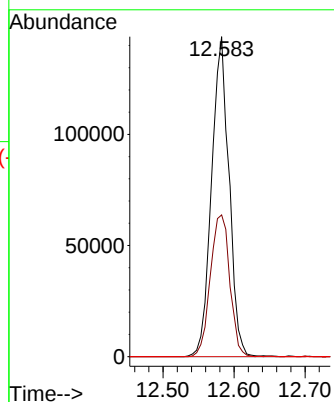
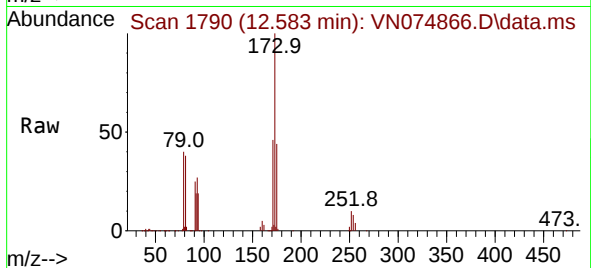
Tgt Ion:173 Resp: 245511

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

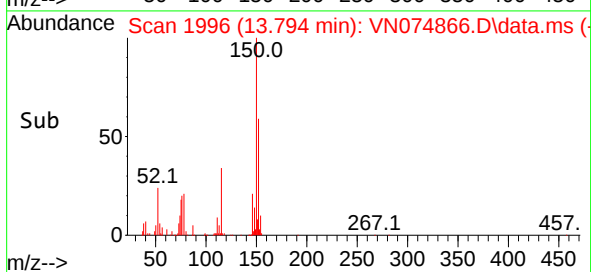
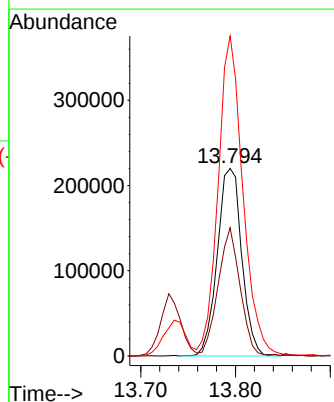
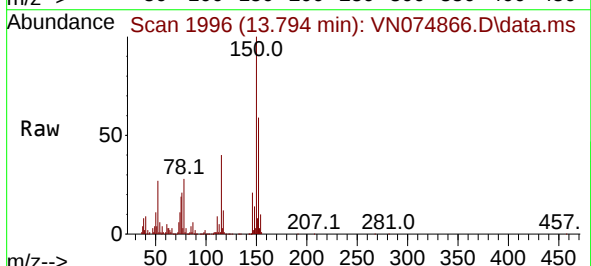
Tgt Ion:152 Resp: 394691

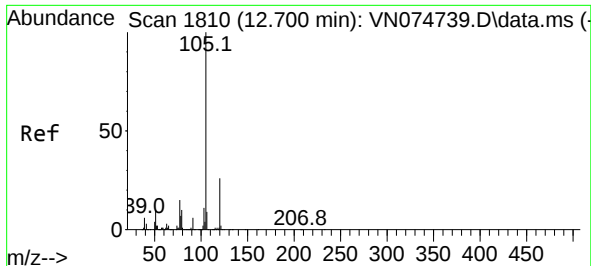
Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 172.0 0.0 356.4

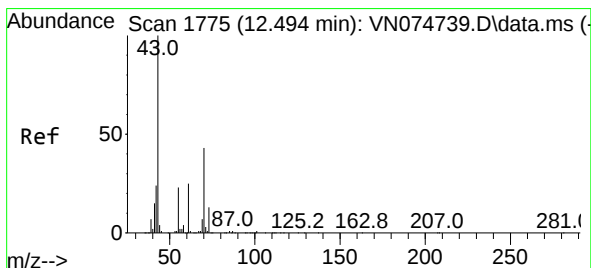
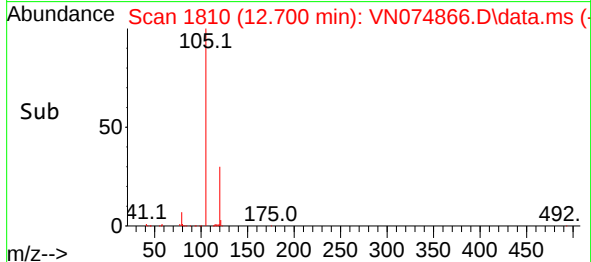
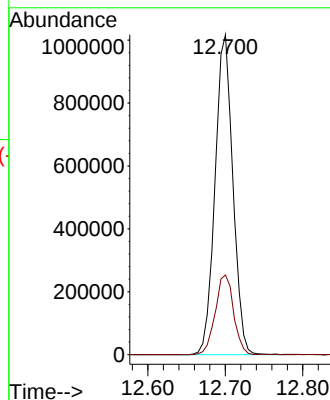
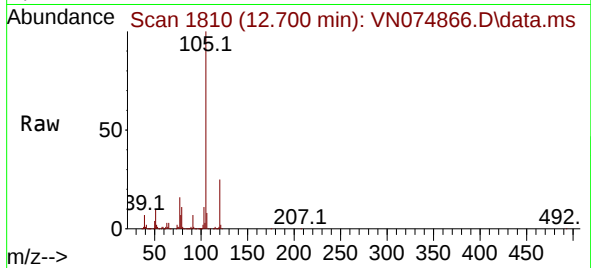




#73
Isopropylbenzene
Concen: 42.757 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

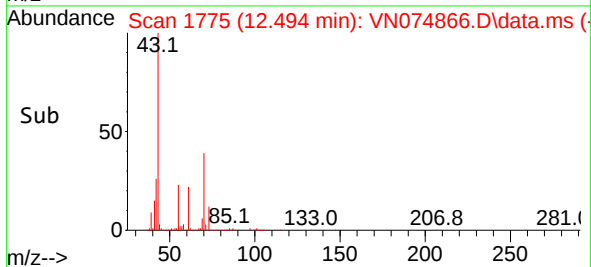
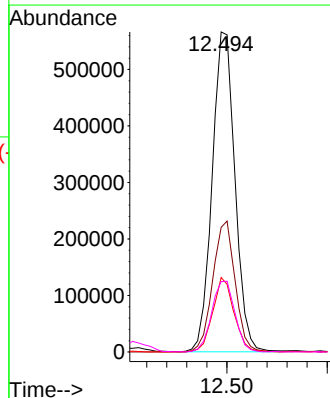
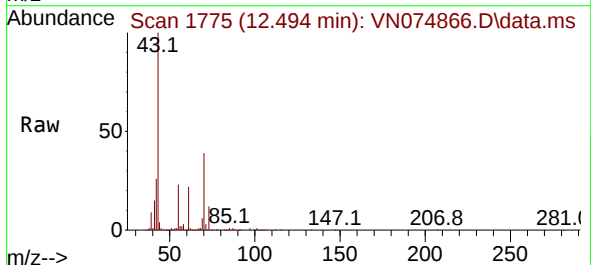
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

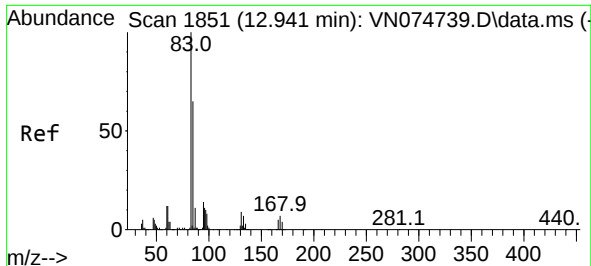
Tgt Ion:105 Resp: 1623947
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3



#74
N-ethyl acetate
Concen: 38.893 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 43 Resp: 893141
Ion Ratio Lower Upper
43 100
70 40.2 32.9 49.3
55 21.8 17.8 26.6
61 22.5 18.9 28.3

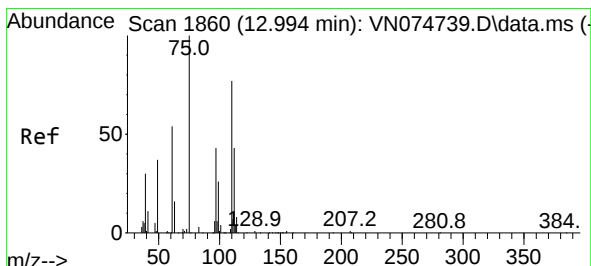
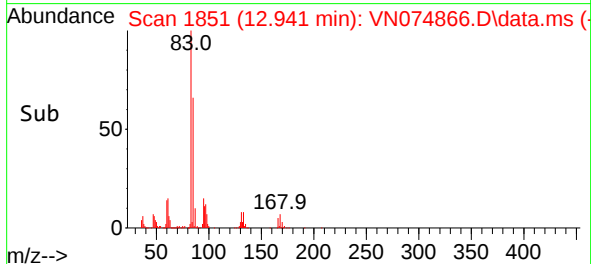
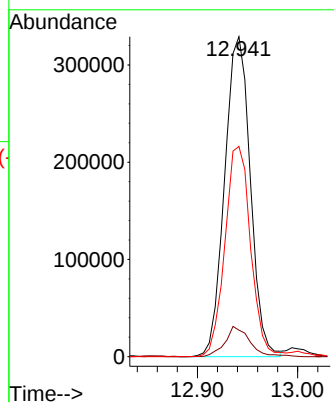
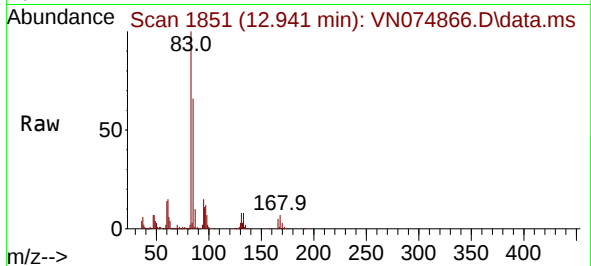




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.386 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

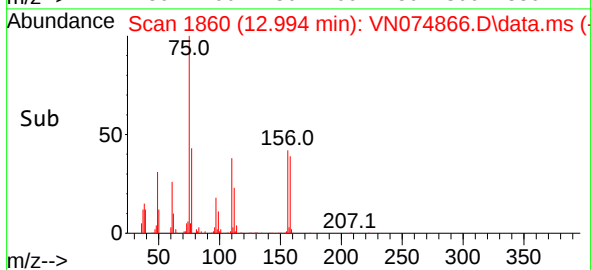
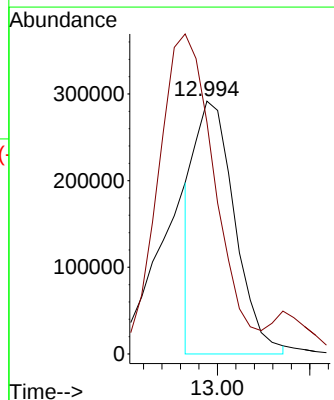
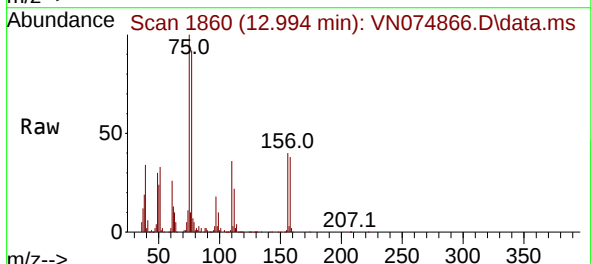
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

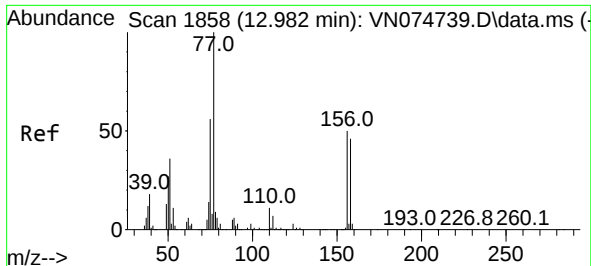
Tgt Ion: 83 Resp: 585591
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.3 12.8
 85 65.7 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 37.581 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion: 75 Resp: 442721
 Ion Ratio Lower Upper
 75 100
 77 178.4 76.9 230.7

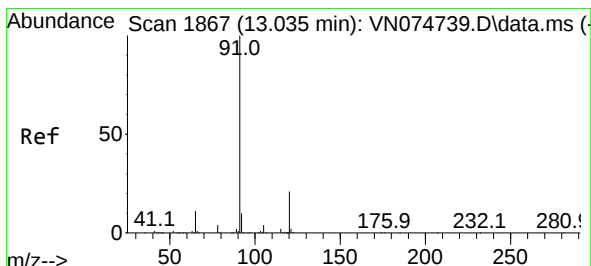
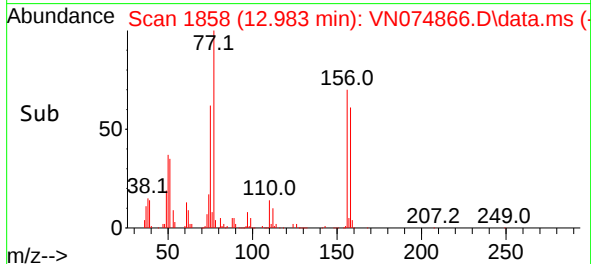
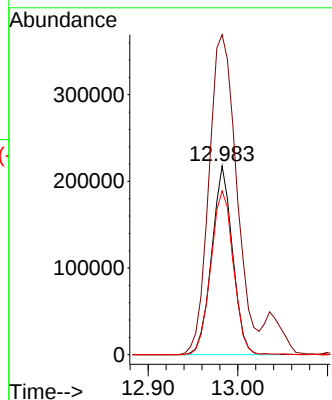
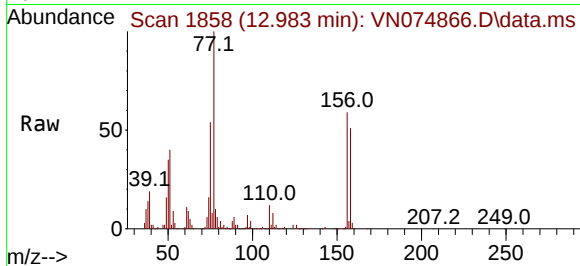




#77
Bromobenzene
Concen: 51.638 ug/l
RT: 12.983 min Scan# 1858
Delta R.T. 0.001 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

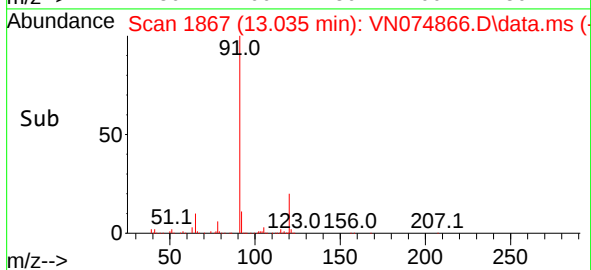
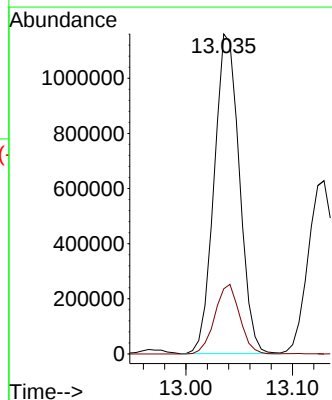
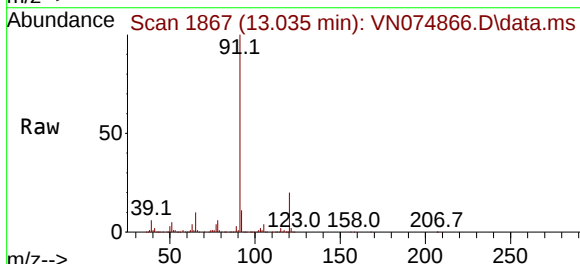
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

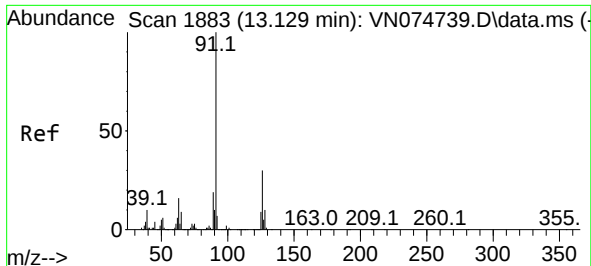
Tgt Ion:156 Resp: 351576
Ion Ratio Lower Upper
156 100
77 224.6 124.7 374.1
158 93.8 48.3 144.9



#78
n-propylbenzene
Concen: 43.574 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 91 Resp: 1906628
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

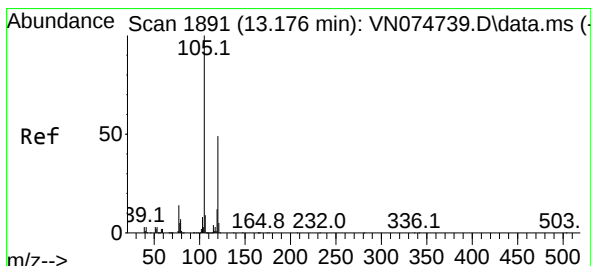
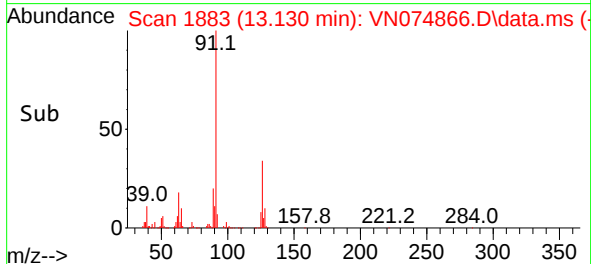
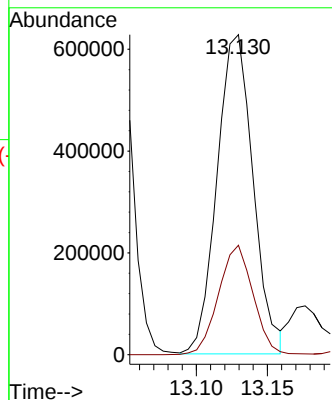
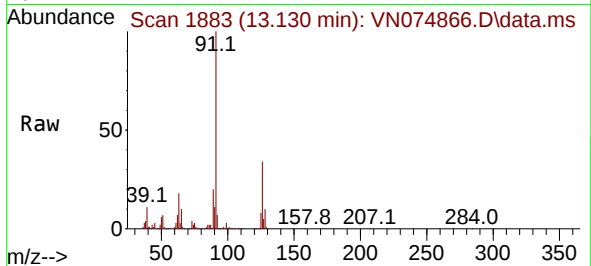




#79
2-Chlorotoluene
Concen: 41.766 ug/l
RT: 13.130 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

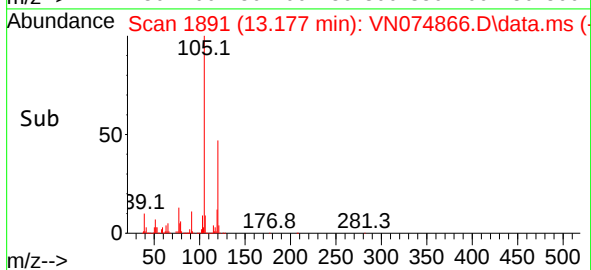
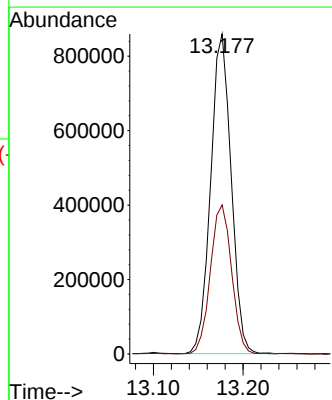
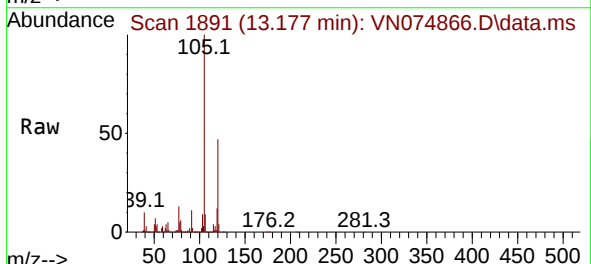
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

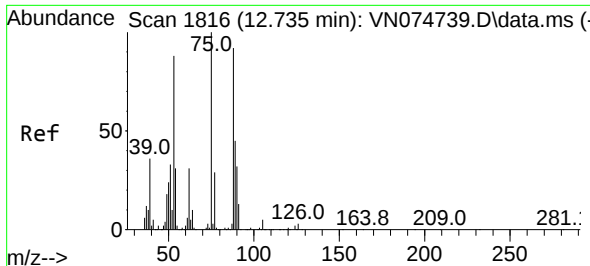
Tgt Ion: 91 Resp: 1108184
Ion Ratio Lower Upper
91 100
126 32.9 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 44.980 ug/l
RT: 13.177 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:105 Resp: 1362488
Ion Ratio Lower Upper
105 100
120 48.2 24.6 73.6

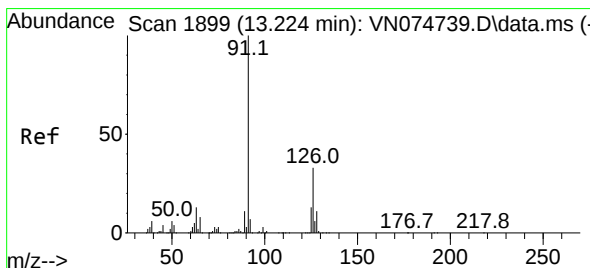
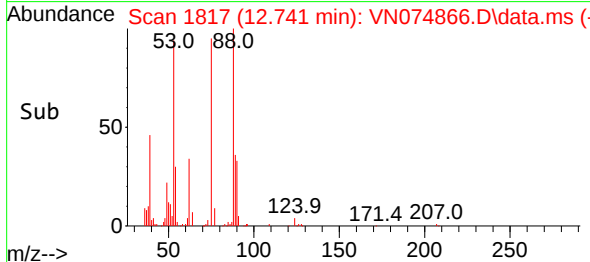
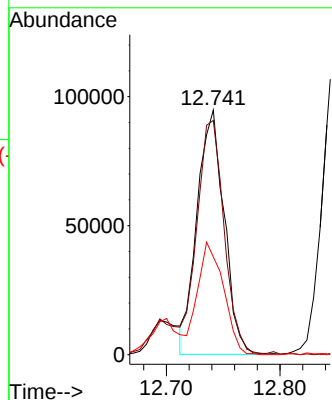
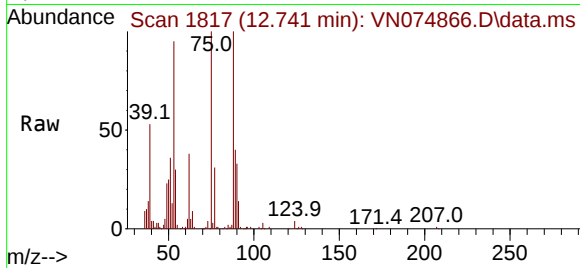




#81
trans-1,4-Dichloro-2-butene
Concen: 25.937 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

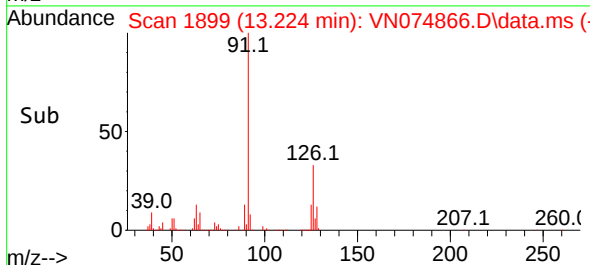
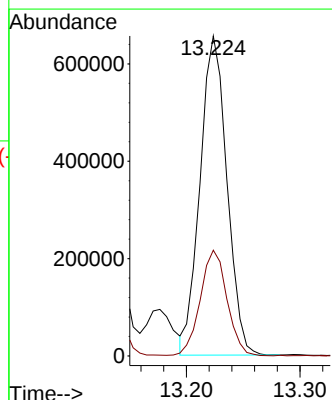
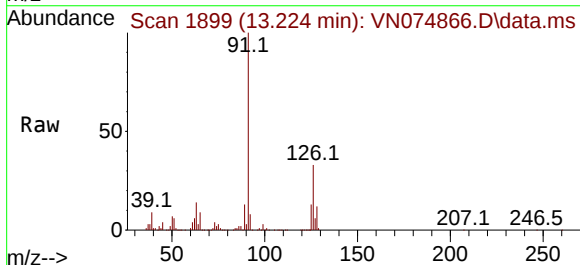
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

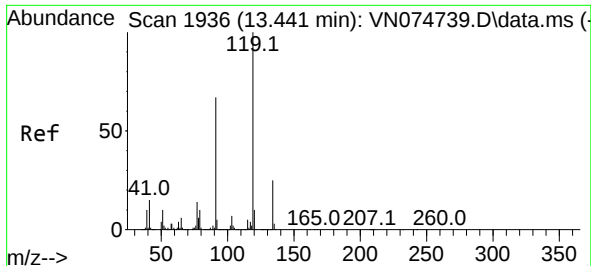
Tgt Ion: 75 Resp: 156821
Ion Ratio Lower Upper
75 100
53 95.5 71.4 107.0
89 43.7 32.1 48.1



#82
4-Chlorotoluene
Concen: 43.850 ug/l
RT: 13.224 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 91 Resp: 1078375
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

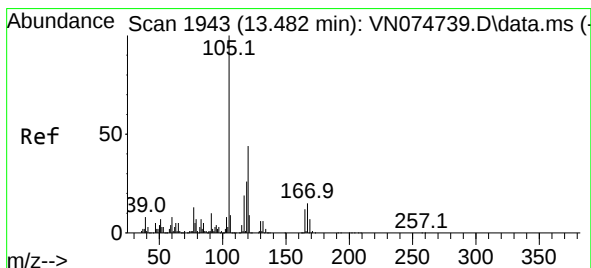
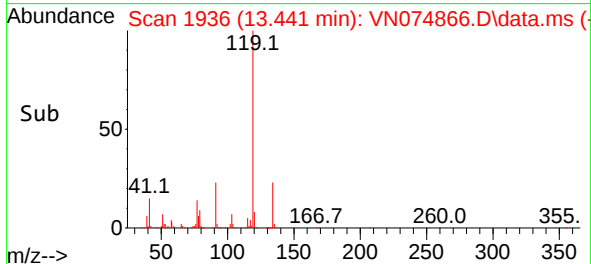
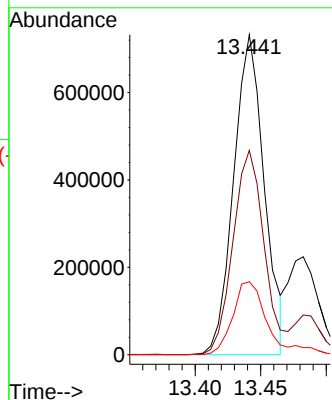
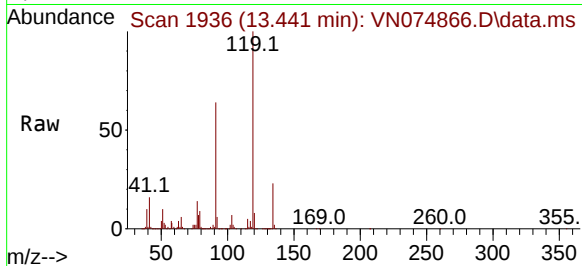




#83
 tert-Butylbenzene
 Concen: 45.437 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

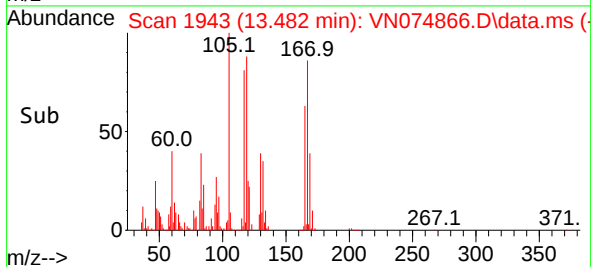
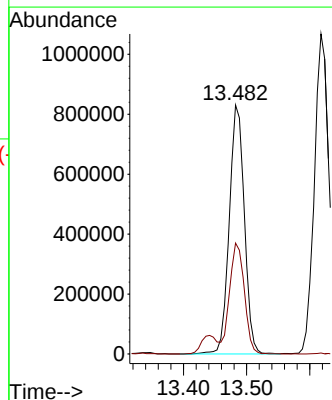
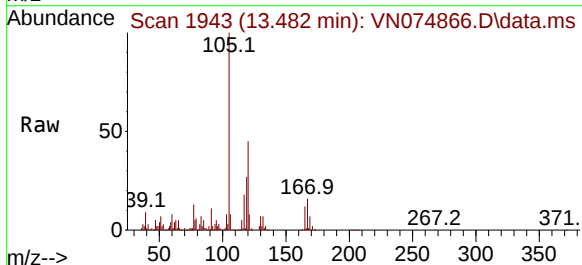
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

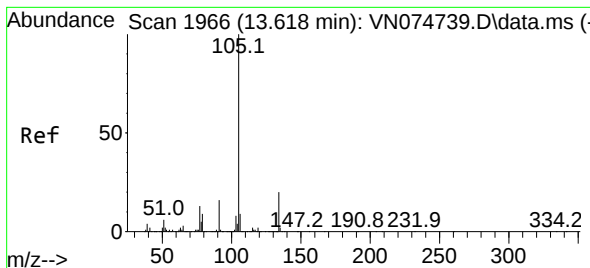
Tgt Ion:119 Resp: 1189355
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.0 98.9
 134 26.0 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.054 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion:105 Resp: 1379952
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 45.612 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

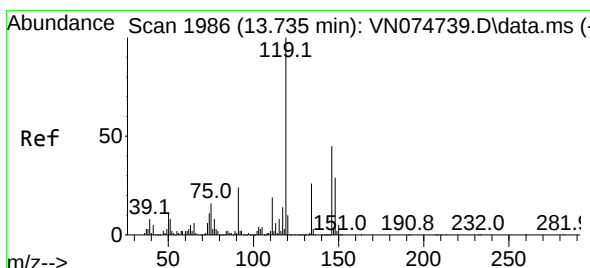
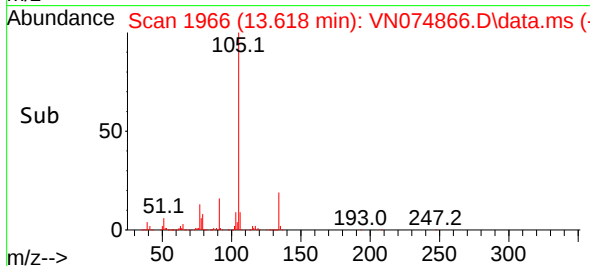
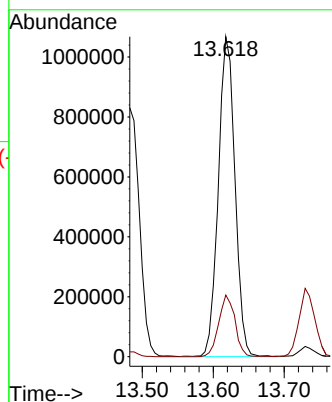
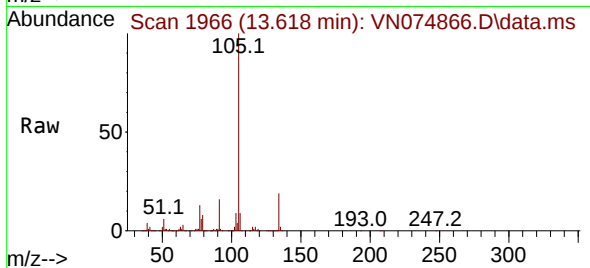
VSTDCCC050EC

Tgt Ion:105 Resp: 1734981

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2



#86

p-Isopropyltoluene

Concen: 46.968 ug/l

RT: 13.730 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

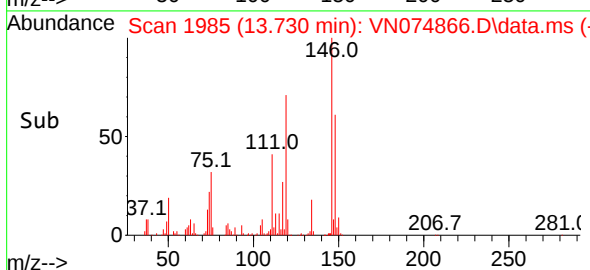
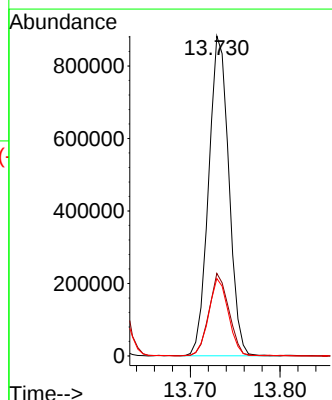
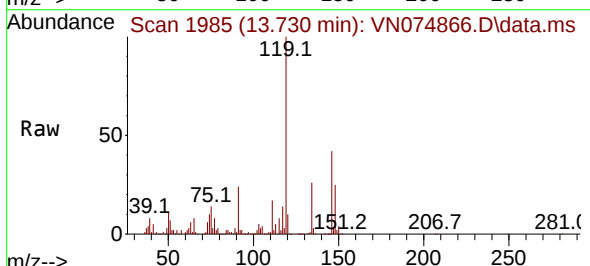
Tgt Ion:119 Resp: 1378689

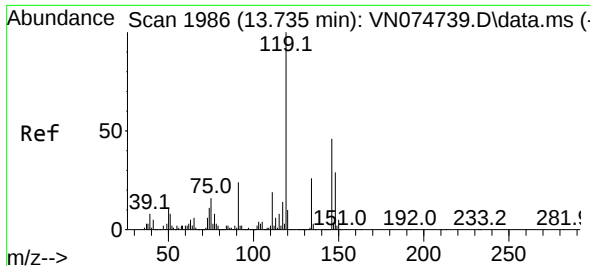
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 23.6 12.0 36.0

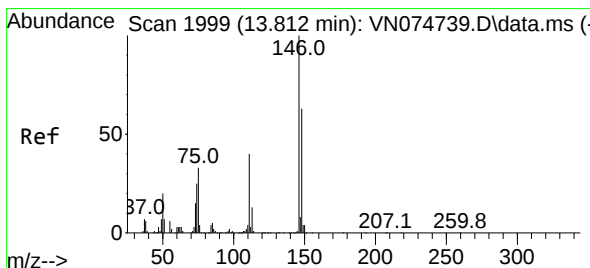
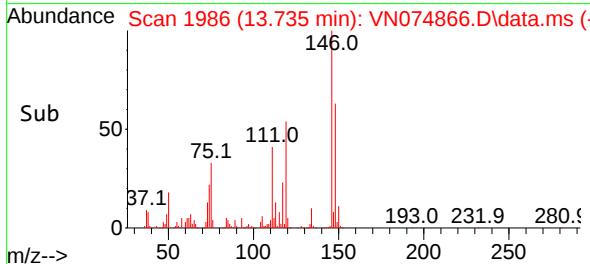
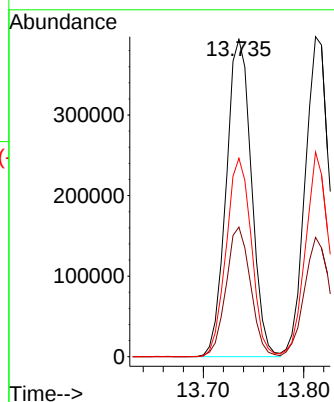
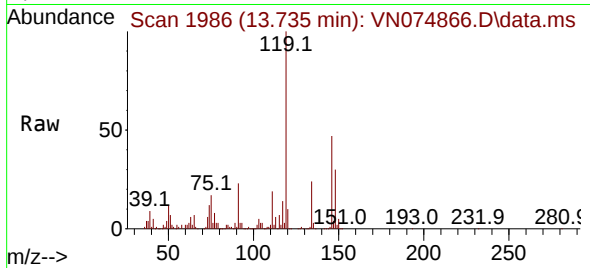




#87
 1,3-Dichlorobenzene
 Concen: 45.659 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

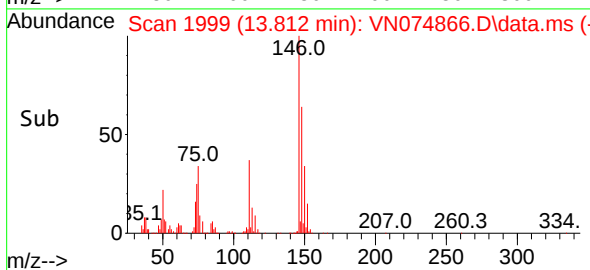
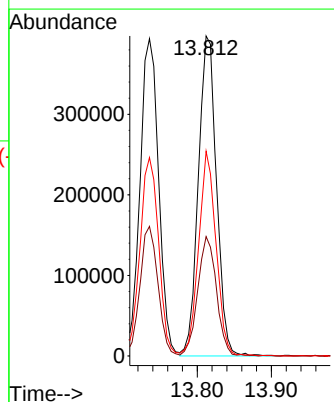
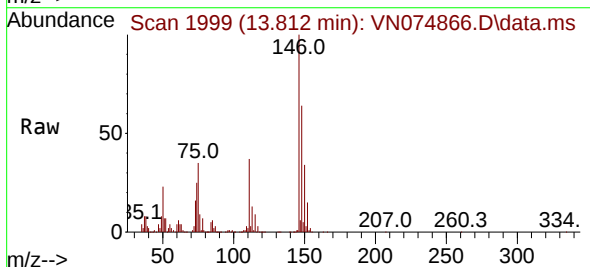
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

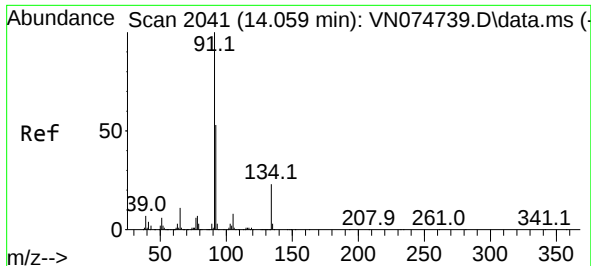
Tgt Ion:146 Resp: 687758
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.8 62.2
 148 62.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.532 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074866.D
 Acq: 11 Oct 2022 23:03

Tgt Ion:146 Resp: 676271
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.9 59.6
 148 61.5 31.8 95.4

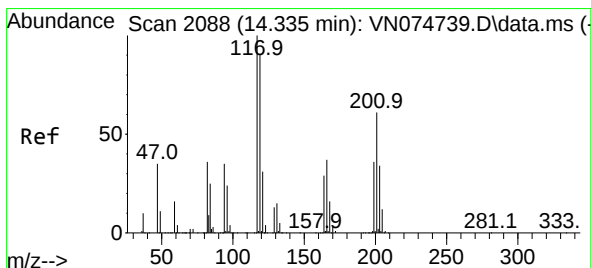
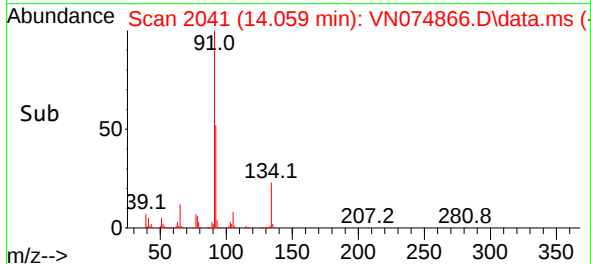
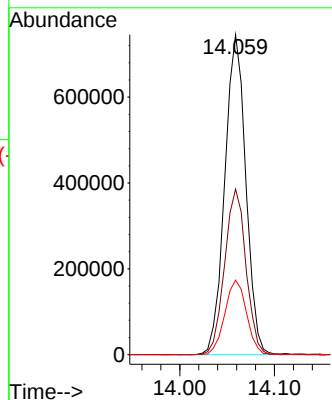
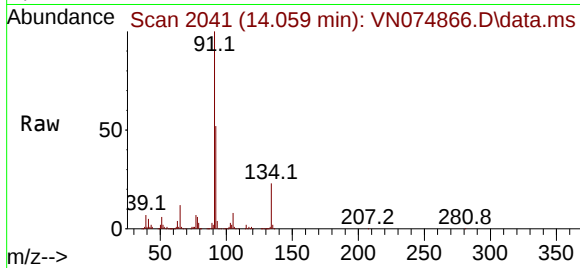




#89
n-Butylbenzene
Concen: 44.425 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

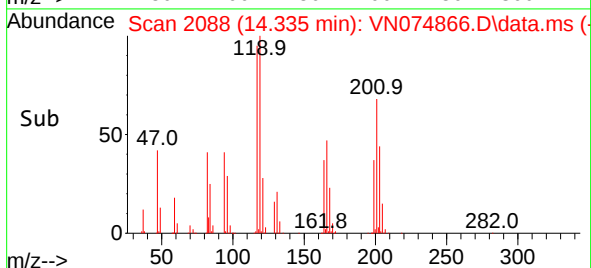
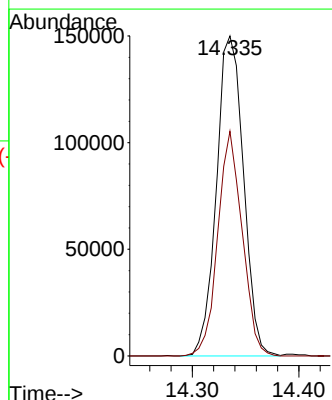
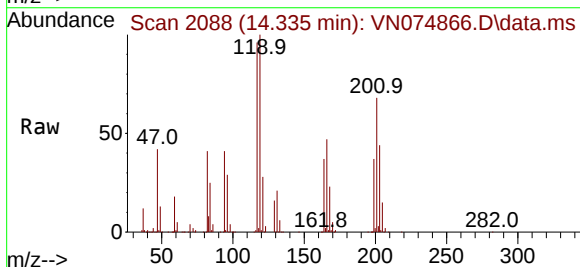
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

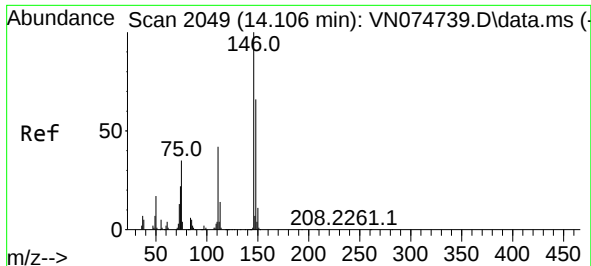
Tgt Ion: 91 Resp: 1149406
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.0
134 24.1 11.9 35.5



#90
Hexachloroethane
Concen: 40.330 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion: 117 Resp: 264698
Ion Ratio Lower Upper
117 100
201 63.3 30.3 90.8





#91

1,2-Dichlorobenzene

Concen: 47.852 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

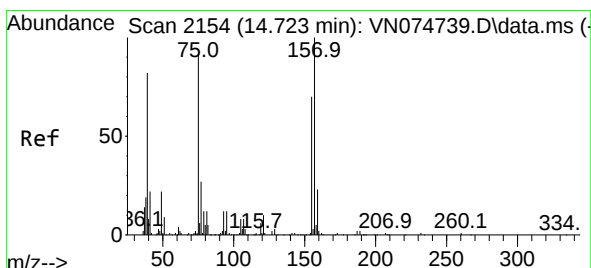
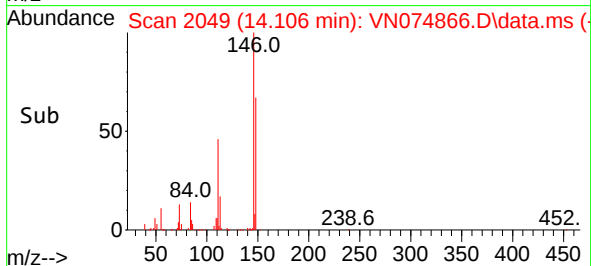
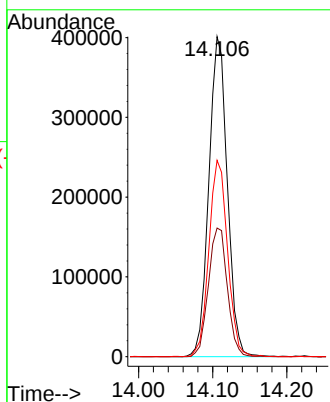
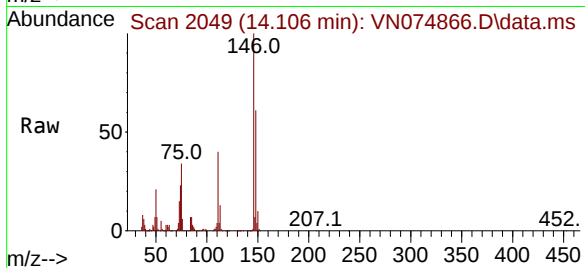
Tgt Ion:146 Resp: 694135

Ion Ratio Lower Upper

146 100

111 41.3 21.5 64.5

148 62.1 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 36.800 ug/l

RT: 14.718 min Scan# 2153

Delta R.T. -0.005 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

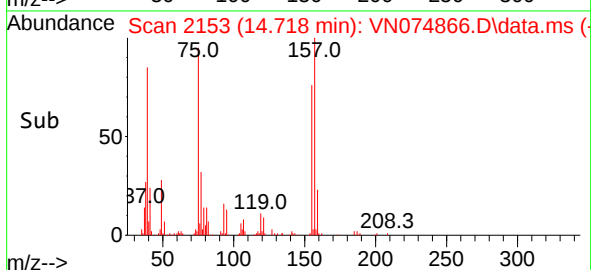
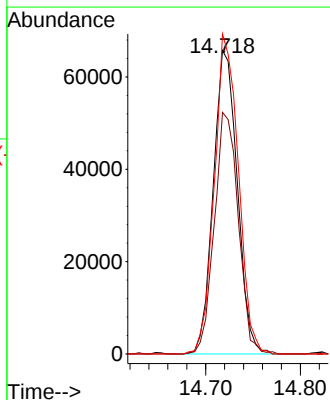
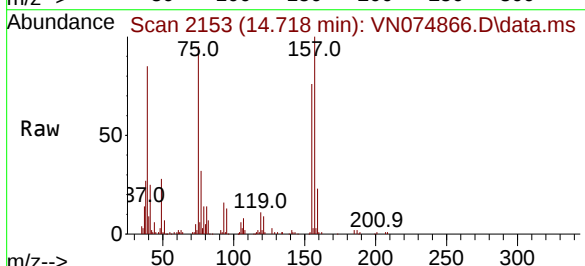
Tgt Ion: 75 Resp: 115848

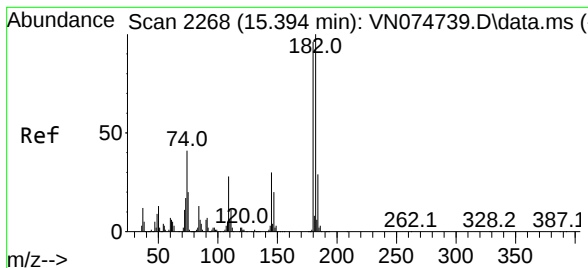
Ion Ratio Lower Upper

75 100

155 79.4 40.3 120.8

157 105.5 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 46.214 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

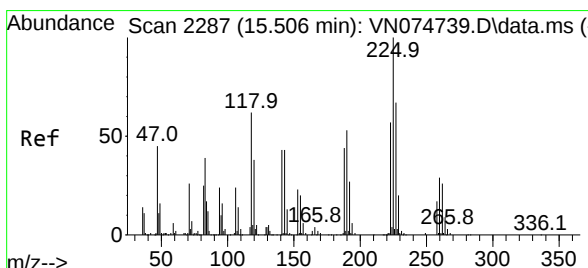
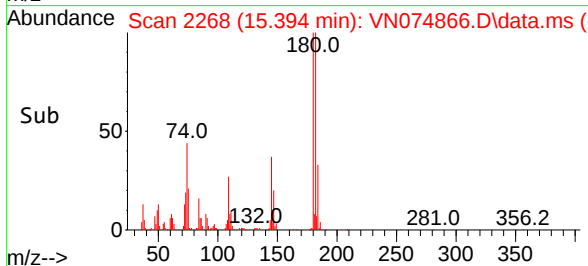
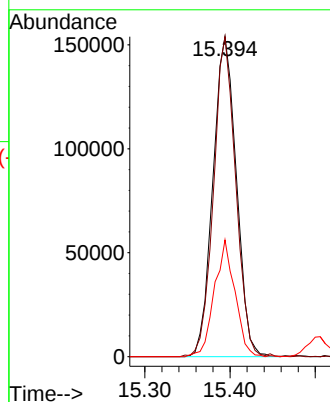
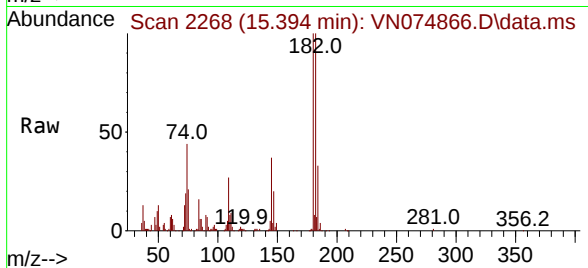
Tgt Ion:180 Resp: 293241

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 32.2 16.1 48.3



#94

Hexachlorobutadiene

Concen: 46.246 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN074866.D

Acq: 11 Oct 2022 23:03

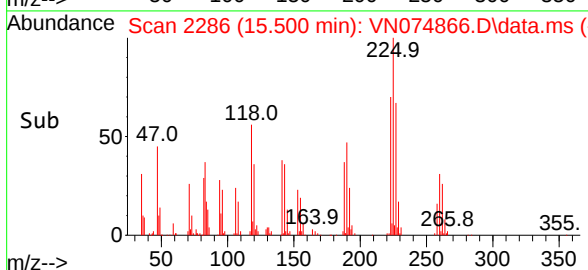
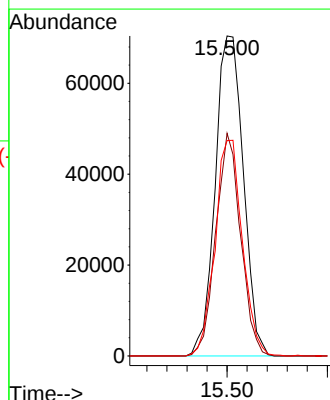
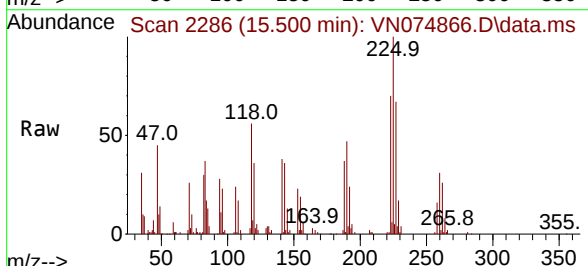
Tgt Ion:225 Resp: 137270

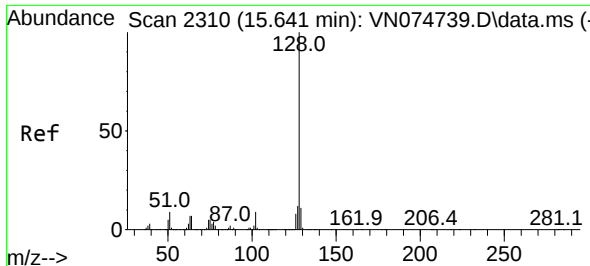
Ion Ratio Lower Upper

225 100

223 61.4 31.7 95.1

227 65.5 31.2 93.6

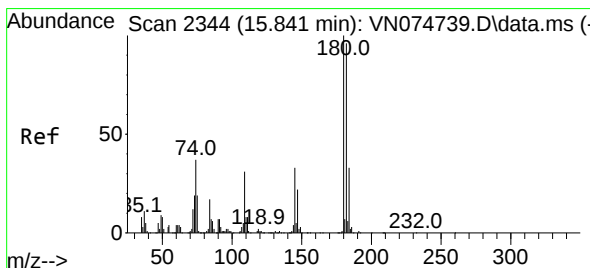
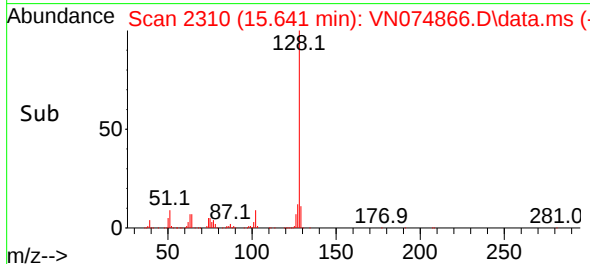
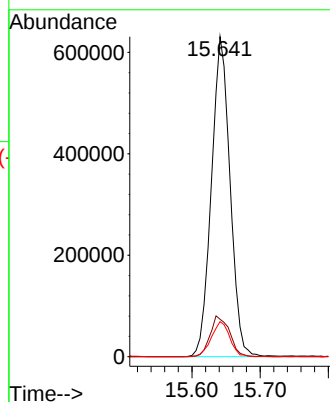
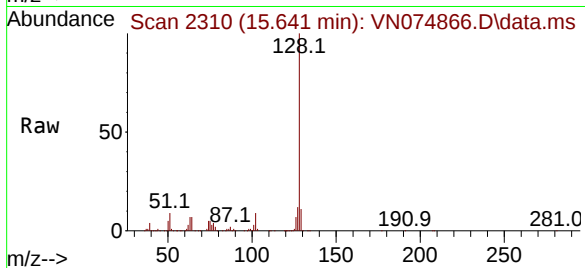




#95
Naphthalene
Concen: 43.850 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1202915
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 48.181 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074866.D
Acq: 11 Oct 2022 23:03

Tgt Ion:180 Resp: 302361
Ion Ratio Lower Upper
180 100
182 97.5 47.3 142.0
145 33.5 17.1 51.2

