

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074589.D
 Acq On : 20 Oct 2022 10:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 14:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	159372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35759	48.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.680%
35) Dibromofluoromethane	7.810	113	42729	48.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.269	98	154875	48.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.575	95	46543	50.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	36492	48.526	ug/l	99
3) Chloromethane	2.146	50	44608	43.819	ug/l	94
4) Vinyl Chloride	2.287	62	53347	47.388	ug/l	99
5) Bromomethane	2.693	94	41400	48.562	ug/l	97
6) Chloroethane	2.840	64	38018	49.119	ug/l	99
7) Trichlorofluoromethane	3.181	101	78368	49.112	ug/l	93
8) Diethyl Ether	3.593	74	24223	52.417	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	52905	51.412	ug/l	99
10) Methyl Iodide	4.169	142	61467	46.204	ug/l	98
11) Tert butyl alcohol	5.052	59	16459	225.426	ug/l #	96
12) 1,1-Dichloroethene	3.940	96	51662	50.193	ug/l	90
13) Acrolein	3.793	56	18671	235.684	ug/l	93
14) Allyl chloride	4.563	41	57086	51.359	ug/l	99
15) Acrylonitrile	5.257	53	50670	268.284	ug/l	99
16) Acetone	4.022	43	47780	295.812	ug/l	96
17) Carbon Disulfide	4.275	76	124449	44.187	ug/l	97
18) Methyl Acetate	4.563	43	21455	49.231	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	106905	53.153	ug/l	97
20) Methylene Chloride	4.799	84	60806	48.744	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	56045	48.846	ug/l	95
22) Diisopropyl ether	6.216	45	121765	54.288	ug/l	99
23) Vinyl Acetate	6.152	43	294770	300.534	ug/l	99
24) 1,1-Dichloroethane	6.116	63	89399	51.355	ug/l	99
25) 2-Butanone	7.081	43	57261	265.112	ug/l	94
26) 2,2-Dichloropropane	7.075	77	84978	51.074	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	65323	51.330	ug/l	99
28) Bromochloromethane	7.422	49	26843	56.835	ug/l	96
29) Tetrahydrofuran	7.446	42	30963	262.835	ug/l	98
30) Chloroform	7.598	83	97017	51.794	ug/l	99
31) Cyclohexane	7.881	56	70673	47.565	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	88427	51.479	ug/l	97
36) 1,1-Dichloropropene	8.010	75	71137	49.687	ug/l	99
37) Ethyl Acetate	7.169	43	24246	53.675	ug/l	97
38) Carbon Tetrachloride	7.993	117	72235	51.524	ug/l	93
39) Methylcyclohexane	9.275	83	86581	50.613	ug/l	99
40) Benzene	8.251	78	217641	51.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	14741	60.568	ug/l	90
42) 1,2-Dichloroethane	8.328	62	49972	50.964	ug/l	99
43) Isopropyl Acetate	8.363	43	44274	52.739	ug/l	99
44) Trichloroethene	9.028	130	63368	50.907	ug/l	95
45) 1,2-Dichloropropane	9.304	63	49116	52.672	ug/l	95
46) Dibromomethane	9.393	93	28150	52.315	ug/l	98
47) Bromodichloromethane	9.587	83	69859	52.473	ug/l #	92
48) Methyl methacrylate	9.381	41	20646	53.814	ug/l	96
49) 1,4-Dioxane	9.381	88	5827	1100.288	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	113576	271.999	ug/l	99
52) Toluene	10.334	92	139901	53.388	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	63979	54.658	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	77081	52.227	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	40241	54.431	ug/l	96
56) Ethyl methacrylate	10.598	69	44149	54.630	ug/l	97
57) 1,3-Dichloropropane	10.881	76	63503	52.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	68863	310.138	ug/l	100
59) 2-Hexanone	10.922	43	81323	285.340	ug/l	99
60) Dibromochloromethane	11.075	129	48689	54.638	ug/l	100
61) 1,2-Dibromoethane	11.181	107	36182	53.614	ug/l	99
64) Tetrachloroethene	10.810	164	50242	49.449	ug/l	94
65) Chlorobenzene	11.610	112	150338	51.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	53809	54.092	ug/l	97
67) Ethyl Benzene	11.687	91	266705	52.898	ug/l	98
68) m/p-Xylenes	11.792	106	215104	107.301	ug/l	96
69) o-Xylene	12.122	106	99979	53.588	ug/l	95
70) Styrene	12.134	104	171217	54.493	ug/l	99
71) Bromoform	12.304	173	28135	53.870	ug/l #	98
73) Isopropylbenzene	12.422	105	267037	51.477	ug/l	100
74) N-amyl acetate	12.234	43	39884	52.017	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	41836	50.944	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	50988	87.790	ug/l #	1
77) Bromobenzene	12.704	156	60649	51.802	ug/l	97
78) n-propylbenzene	12.763	91	318180	51.900	ug/l	99
79) 2-Chlorotoluene	12.851	91	168465	50.723	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	217517	51.654	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	12362	54.393	ug/l	95
82) 4-Chlorotoluene	12.945	91	172879	50.665	ug/l	99
83) tert-Butylbenzene	13.169	119	195852	52.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	213982	51.638	ug/l	95
85) sec-Butylbenzene	13.345	105	292434	51.875	ug/l	98
86) p-Isopropyltoluene	13.457	119	247194	52.343	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	125865	51.733	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	122887	51.595	ug/l	98
89) n-Butylbenzene	13.786	91	227412	52.855	ug/l	97
90) Hexachloroethane	14.051	117	43303	52.680	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	108392	53.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5802	51.086	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	71874	53.685	ug/l	99
94) Hexachlorobutadiene	15.204	225	38896	52.810	ug/l	97
95) Naphthalene	15.333	128	131930	52.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	62043	54.061	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

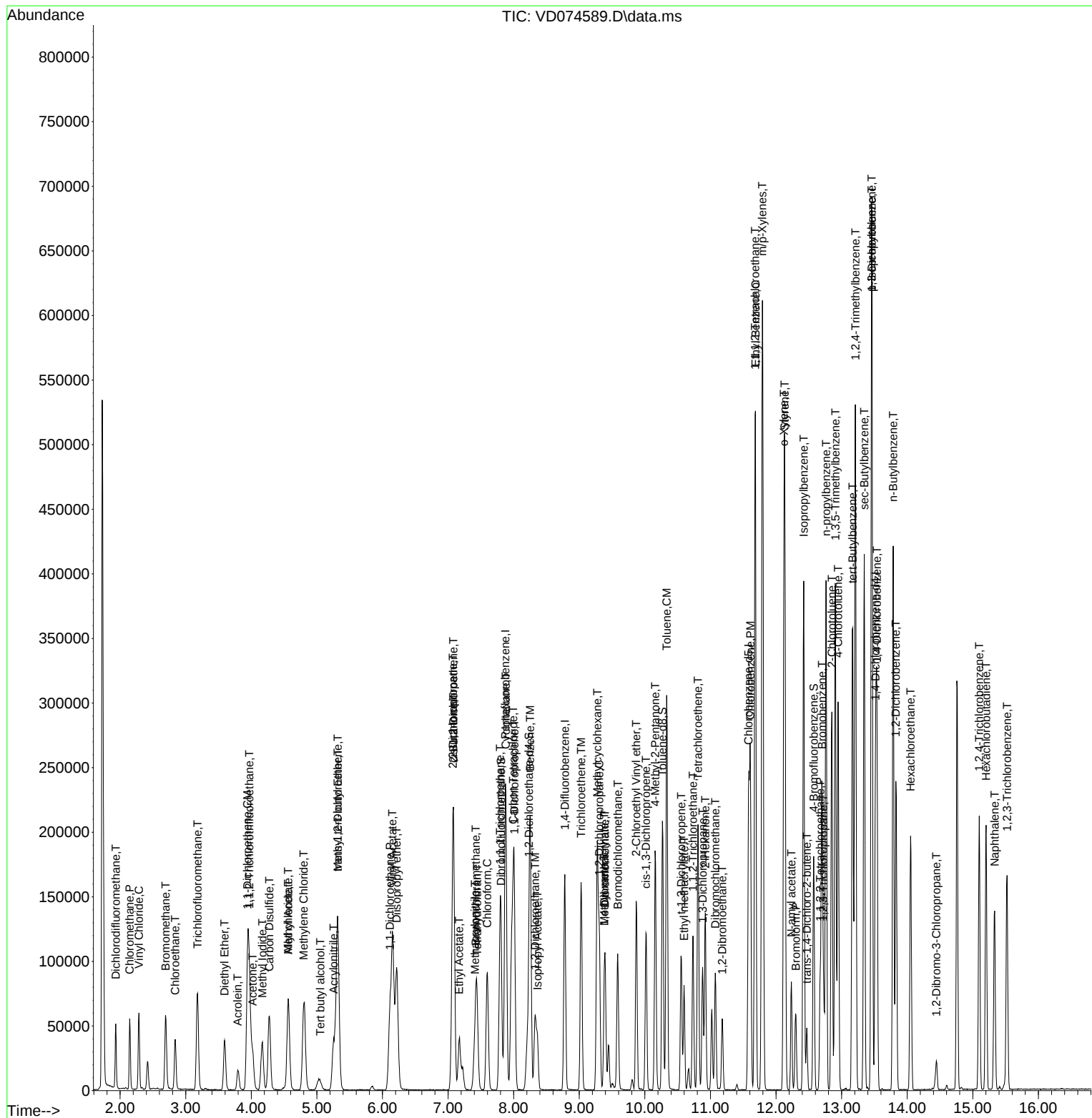
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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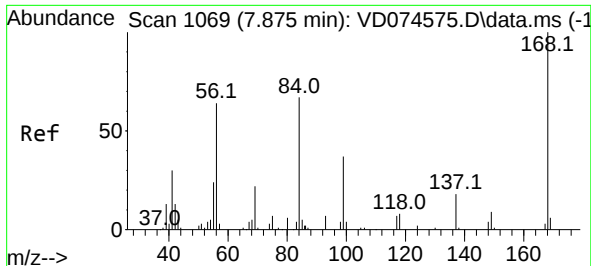
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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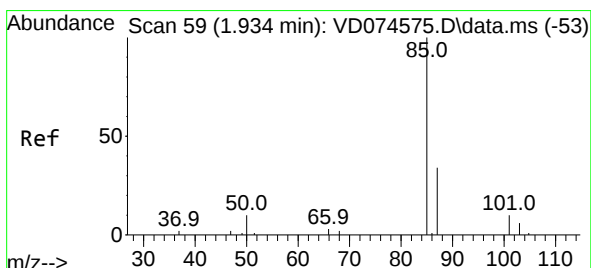
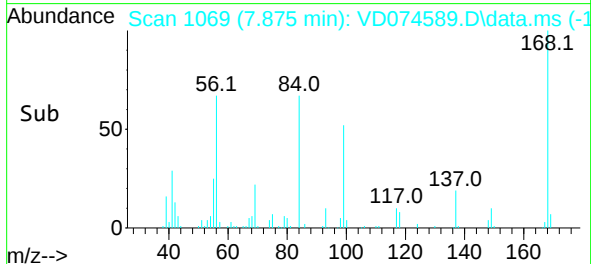
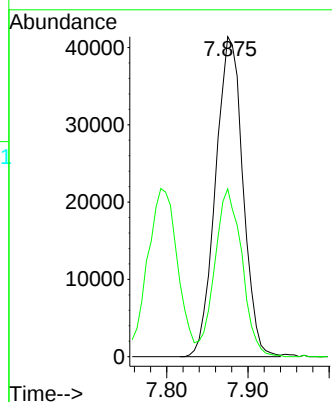
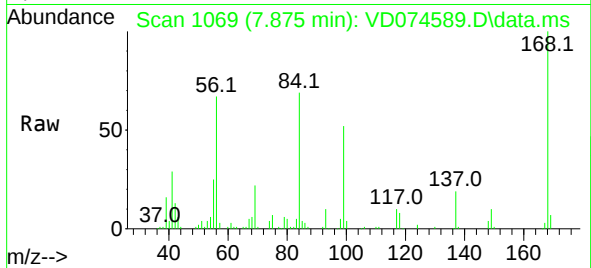




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074589.D
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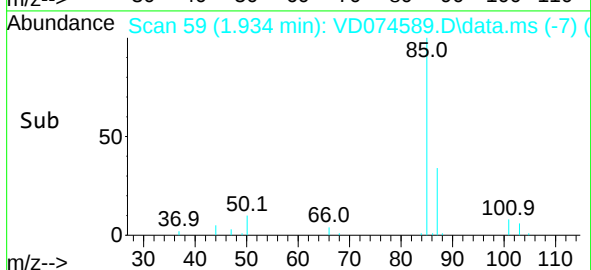
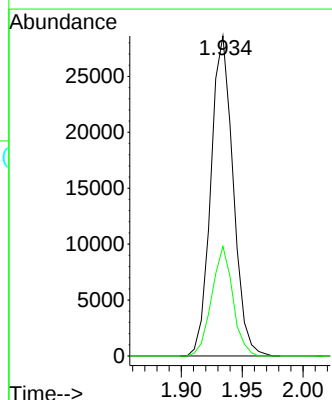
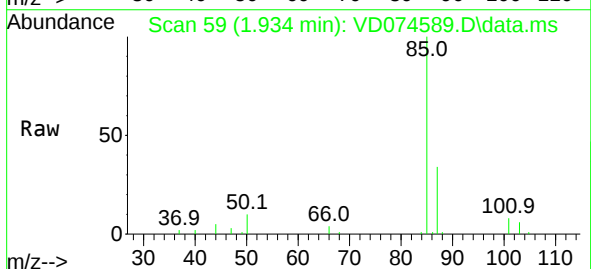
Instrument :
MSVOA_D
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VSTDCCC050

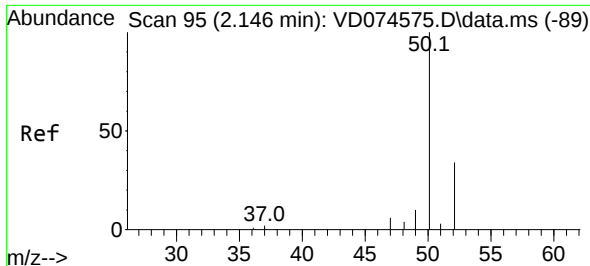
Tgt Ion:168 Resp: 96882
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 48.526 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 85 Resp: 36492
Ion Ratio Lower Upper
85 100
87 34.2 17.5 52.6

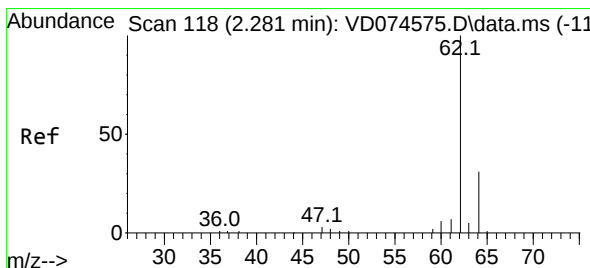
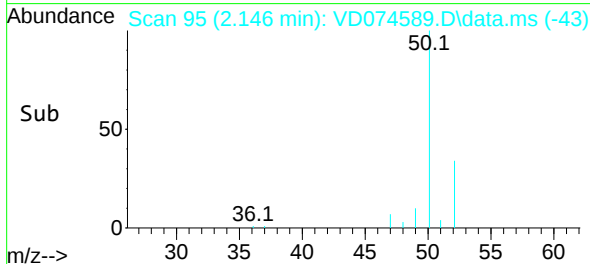
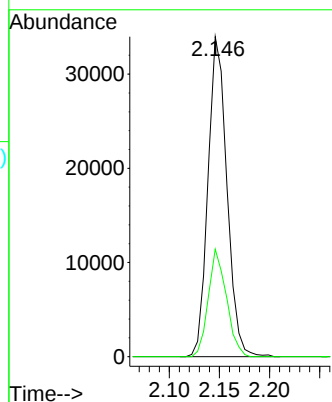
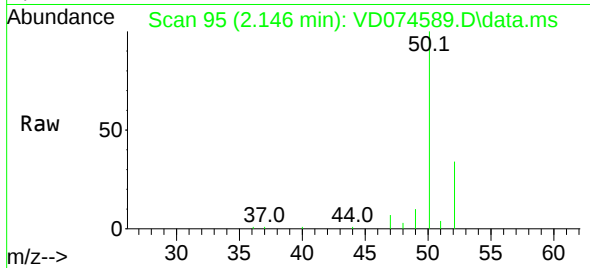




#3
Chloromethane
Concen: 43.819 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

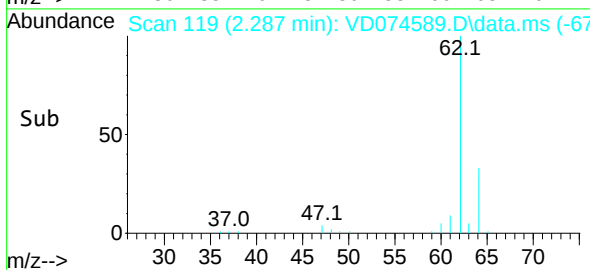
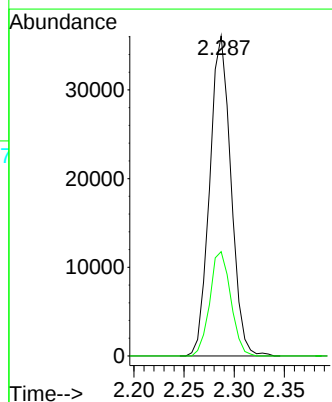
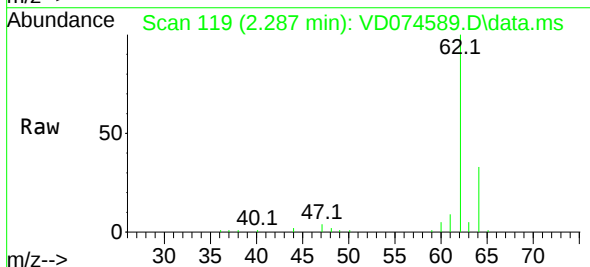
Instrument :
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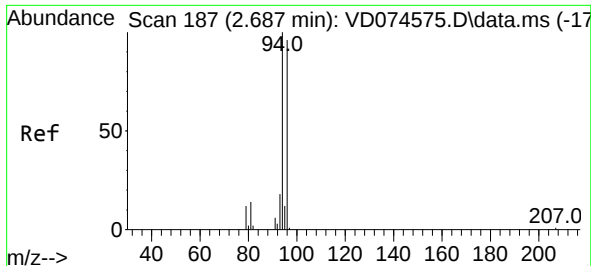
Tgt Ion: 50 Resp: 44608
Ion Ratio Lower Upper
50 100
52 33.6 30.0 45.0



#4
Vinyl Chloride
Concen: 47.388 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 62 Resp: 53347
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

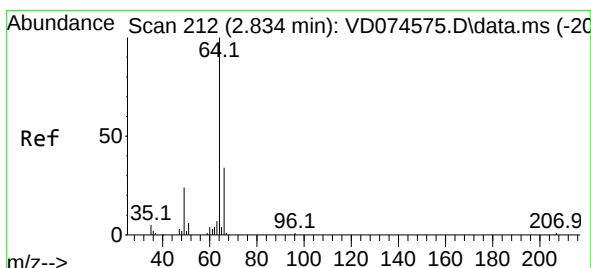
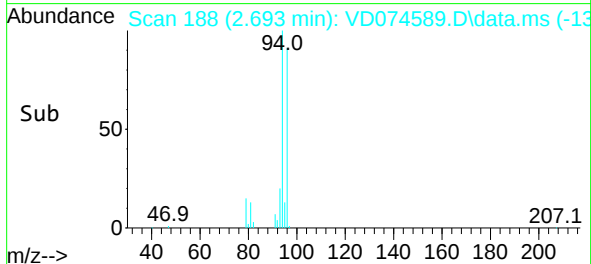
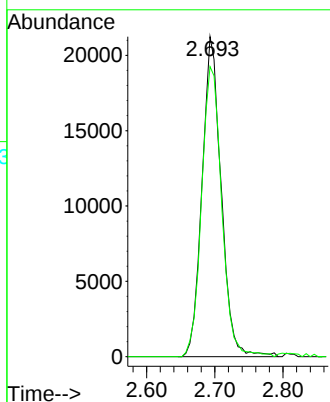
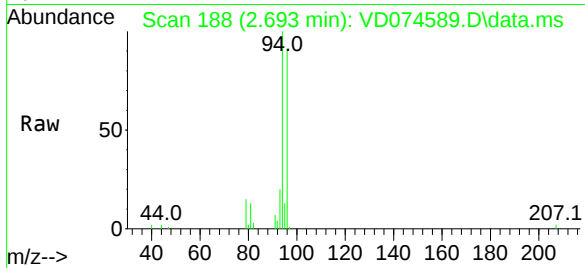




#5
Bromomethane
Concen: 48.562 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

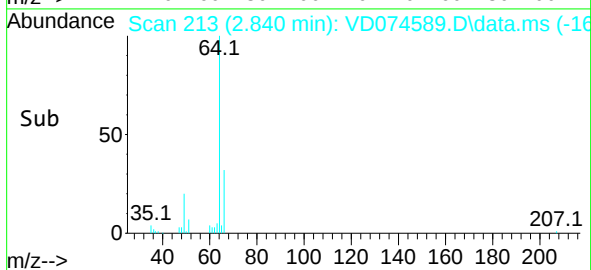
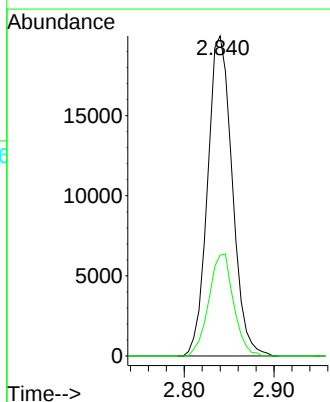
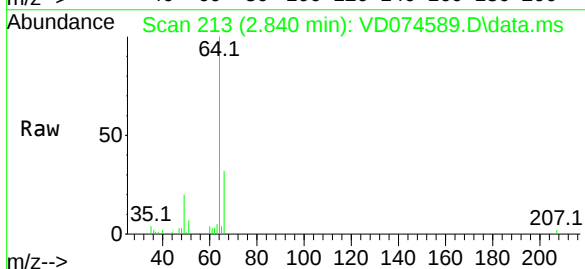
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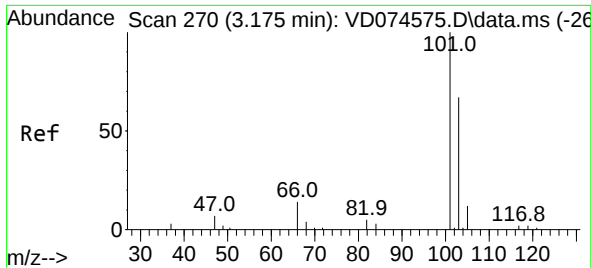
Tgt Ion: 94 Resp: 41400
Ion Ratio Lower Upper
94 100
96 90.7 74.6 112.0



#6
Chloroethane
Concen: 49.119 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.012 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 64 Resp: 38018
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8

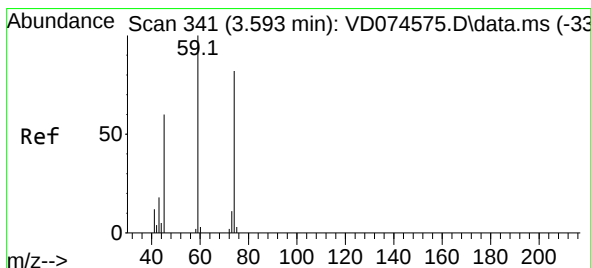
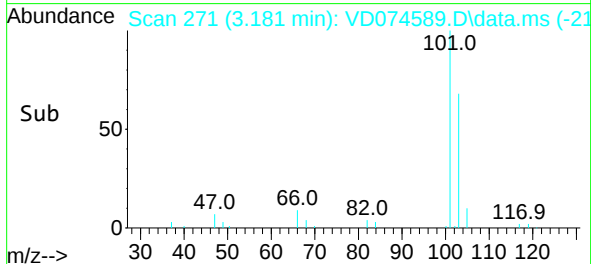
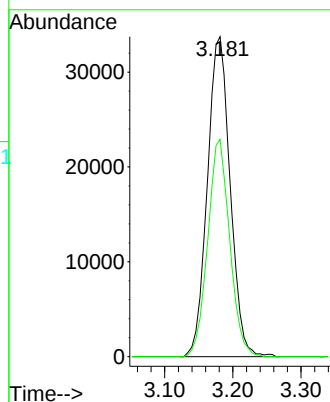
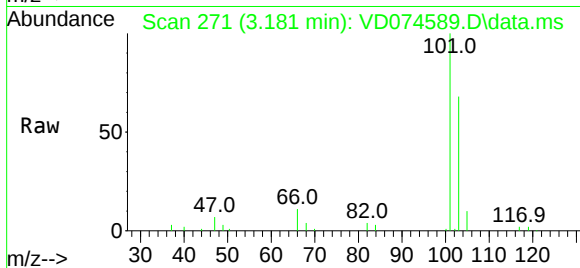




#7
 Trichlorofluoromethane
 Concen: 49.112 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

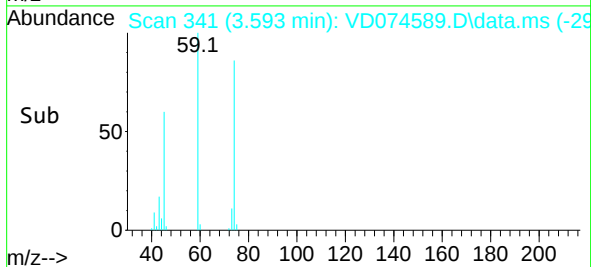
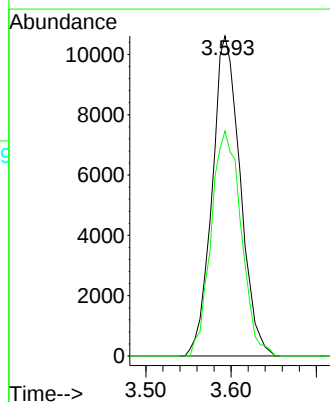
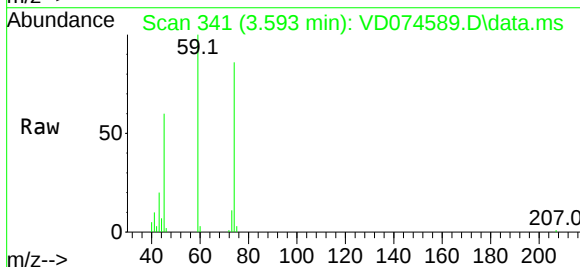
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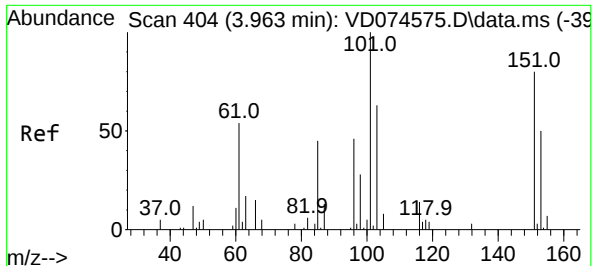
Tgt Ion:101 Resp: 78368
 Ion Ratio Lower Upper
 101 100
 103 67.9 49.8 74.8



#8
 Diethyl Ether
 Concen: 52.417 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion: 74 Resp: 24223
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.9 113.6

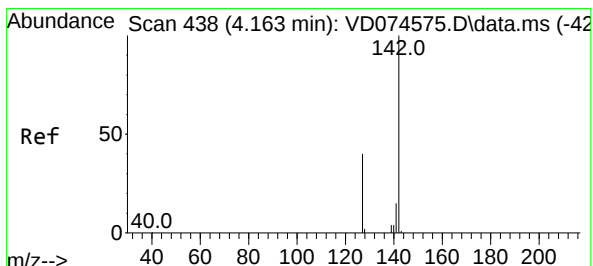
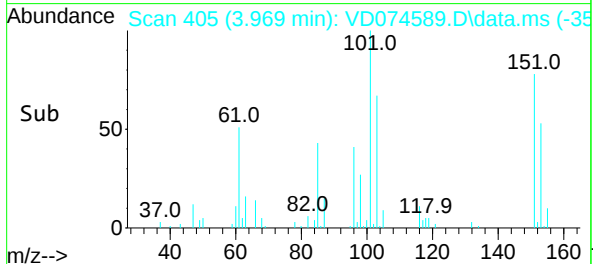
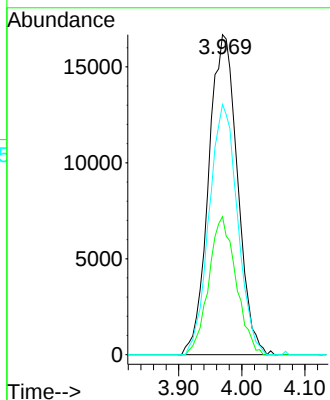
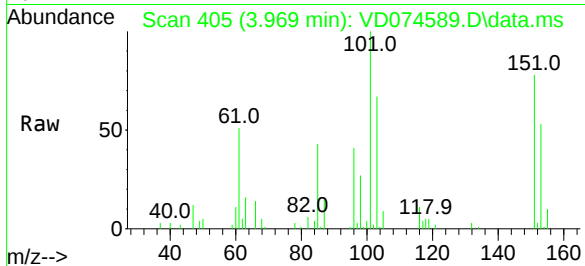




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.412 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

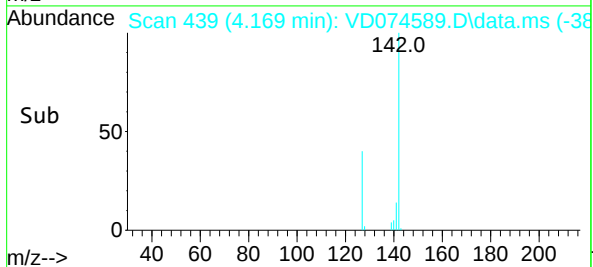
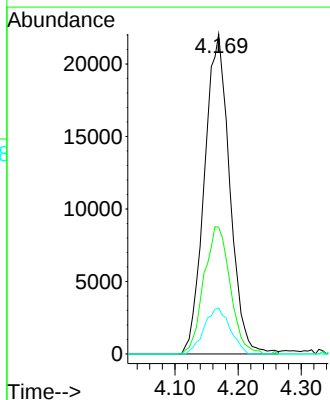
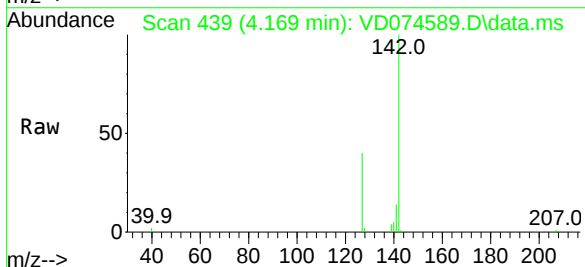
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

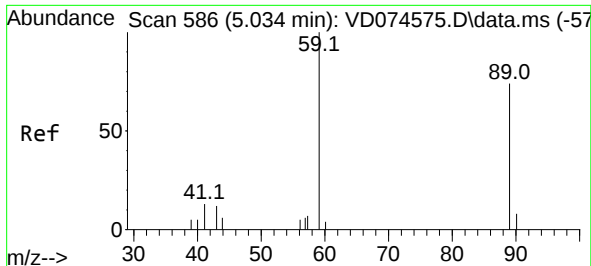
Tgt Ion:101 Resp: 52905
Ion Ratio Lower Upper
101 100
85 40.7 34.1 51.1
151 76.9 61.7 92.5



#10
Methyl Iodide
Concen: 46.204 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:142 Resp: 61467
Ion Ratio Lower Upper
142 100
127 41.3 31.9 47.9
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 225.426 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

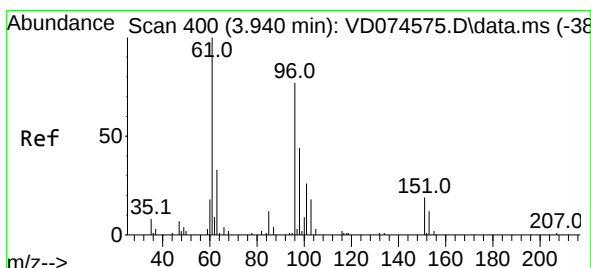
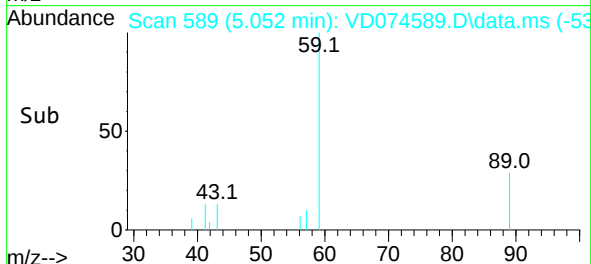
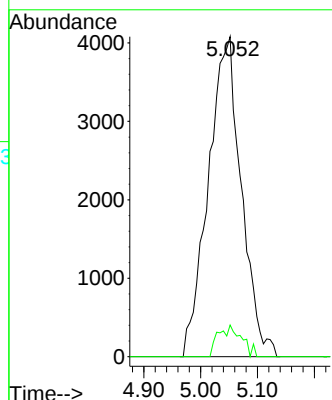
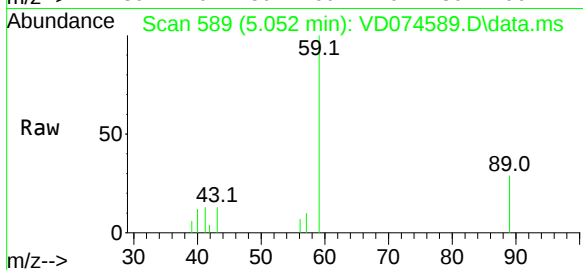
VSTDCCC050

Tgt Ion: 59 Resp: 16459

Ion Ratio Lower Upper

59 100

57 7.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 50.193 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

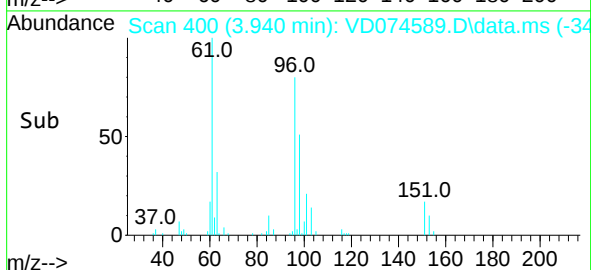
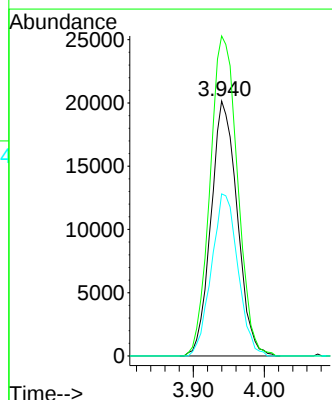
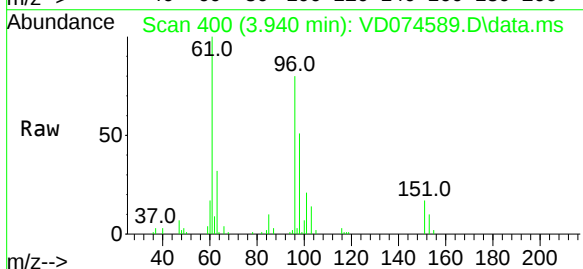
Tgt Ion: 96 Resp: 51662

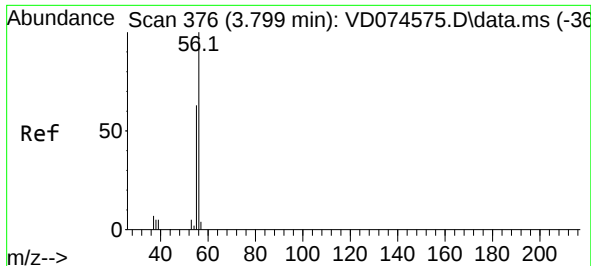
Ion Ratio Lower Upper

96 100

61 125.5 113.9 170.9

98 63.6 51.8 77.8





#13

Acrolein

Concen: 235.684 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

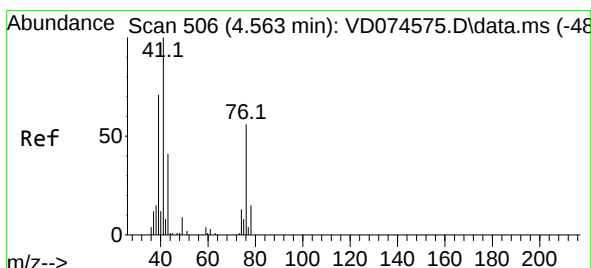
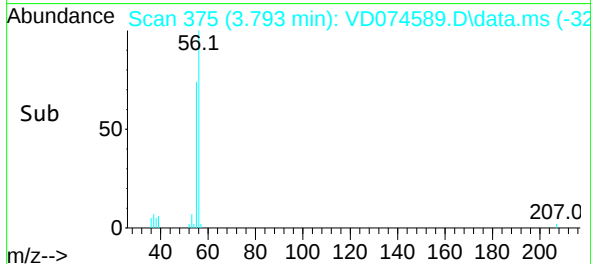
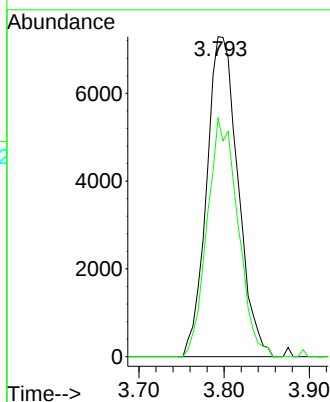
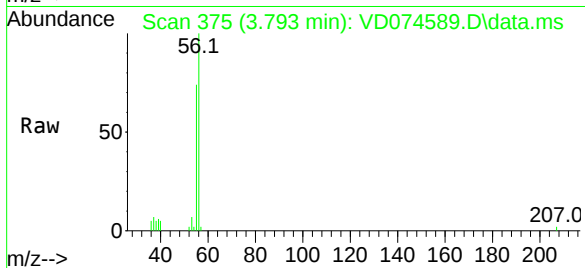
VSTDCCC050

Tgt Ion: 56 Resp: 18671

Ion Ratio Lower Upper

56 100

55 73.0 54.0 81.0



#14

Allyl chloride

Concen: 51.359 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.011 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

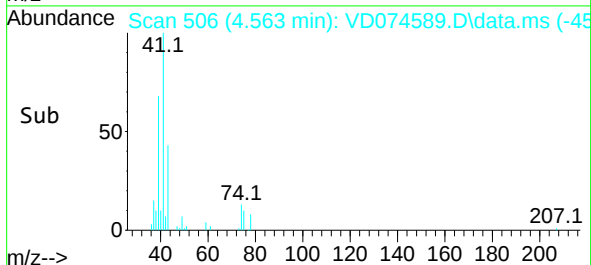
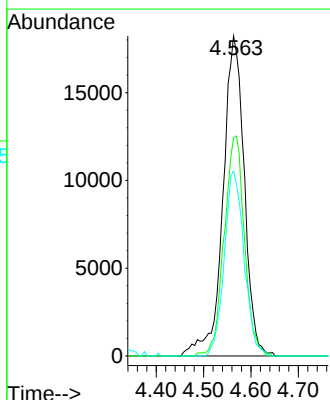
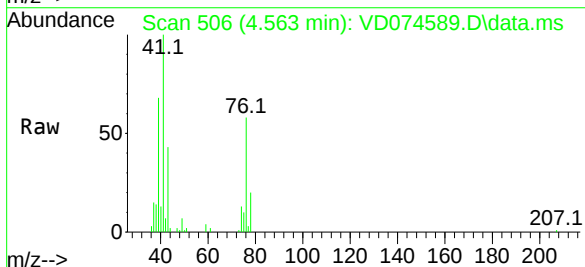
Tgt Ion: 41 Resp: 57086

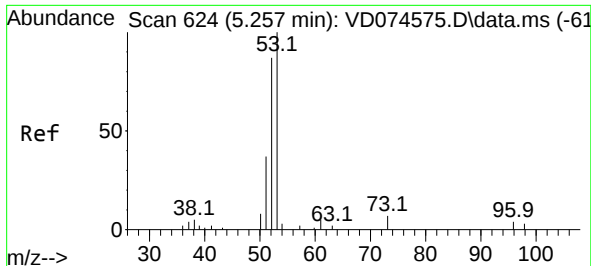
Ion Ratio Lower Upper

41 100

39 65.4 53.4 80.2

76 53.7 42.4 63.6

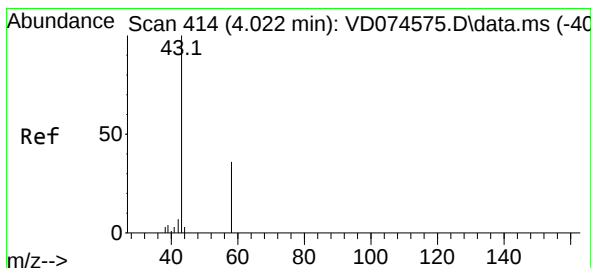
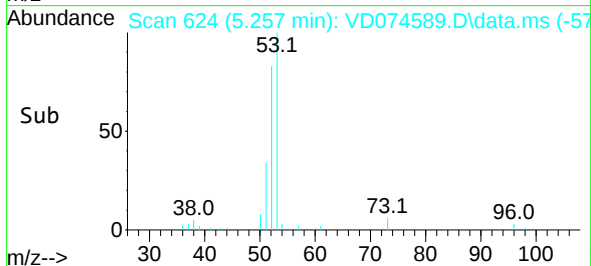
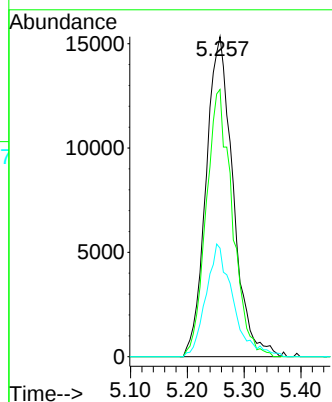
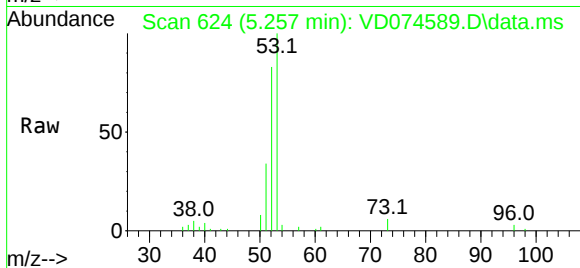




#15
Acrylonitrile
Concen: 268.284 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

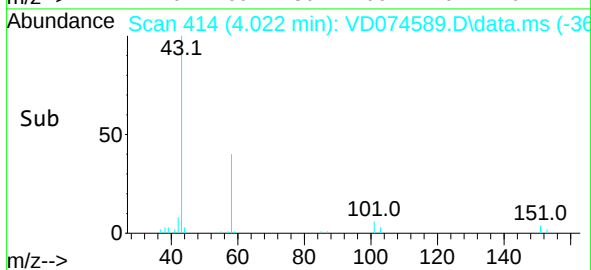
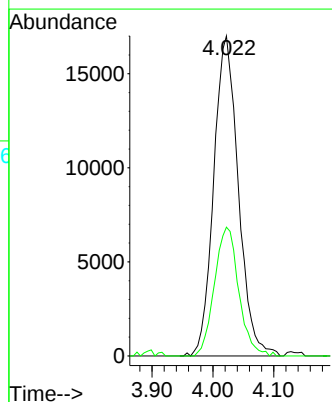
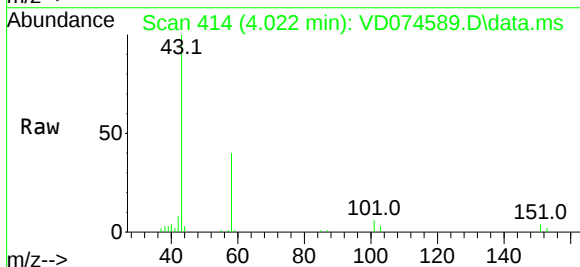
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

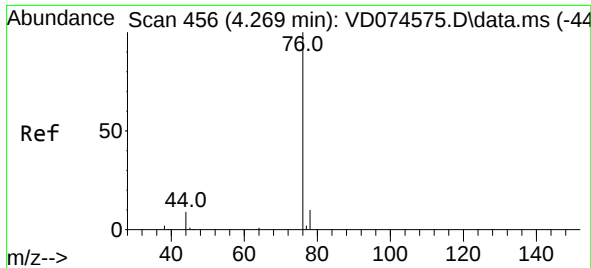
Tgt Ion: 53 Resp: 50670
Ion Ratio Lower Upper
53 100
52 80.9 66.0 99.0
51 35.4 28.3 42.5



#16
Acetone
Concen: 295.812 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 43 Resp: 47780
Ion Ratio Lower Upper
43 100
58 40.3 30.2 45.2

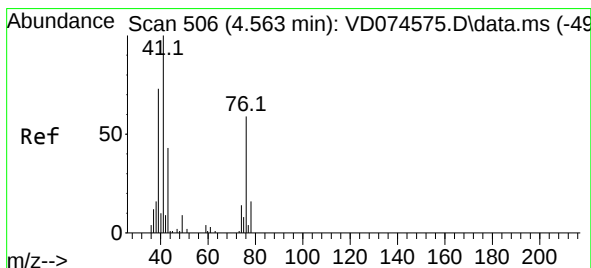
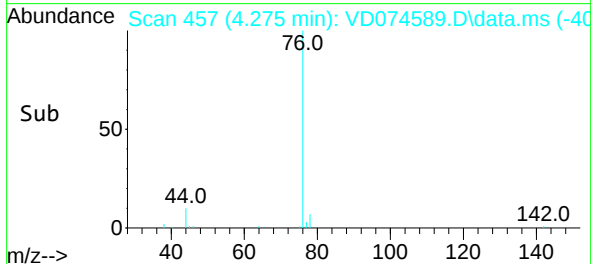
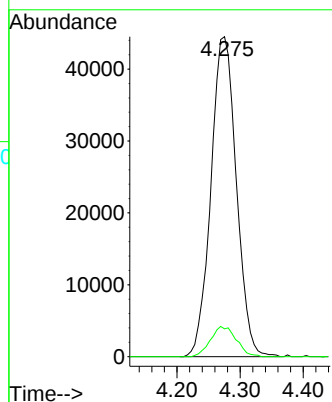
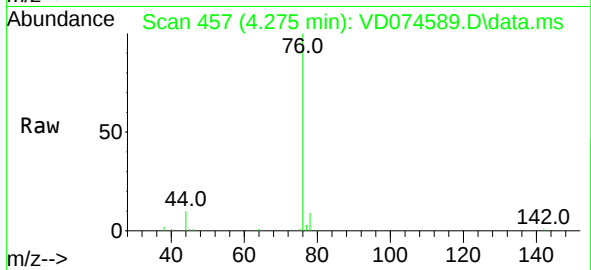




#17
Carbon Disulfide
Concen: 44.187 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

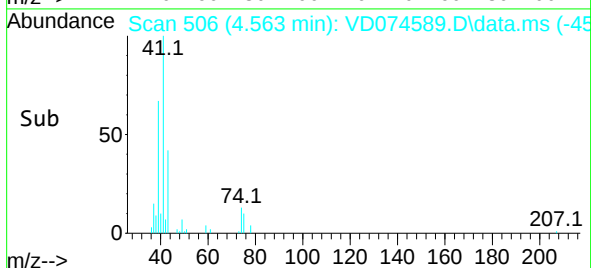
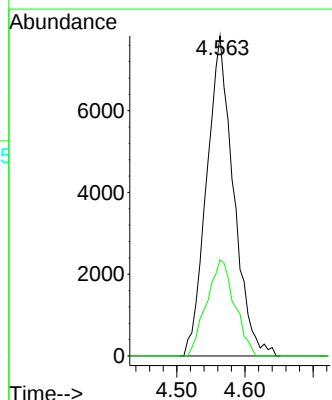
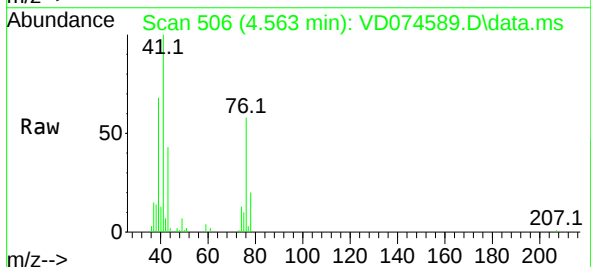
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

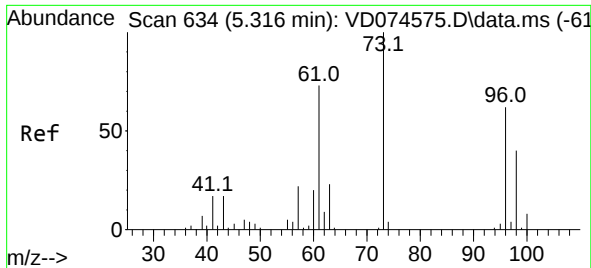
Tgt Ion: 76 Resp: 124449
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8



#18
Methyl Acetate
Concen: 49.231 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 43 Resp: 21455
Ion Ratio Lower Upper
43 100
74 31.3 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 53.153 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

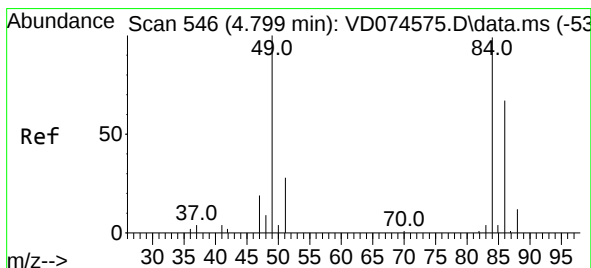
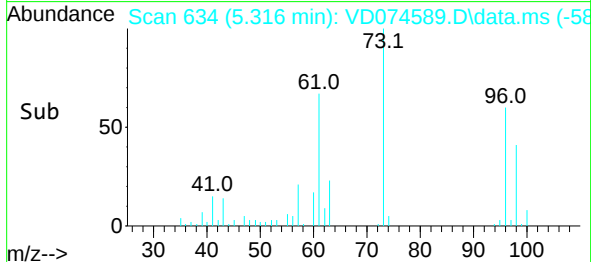
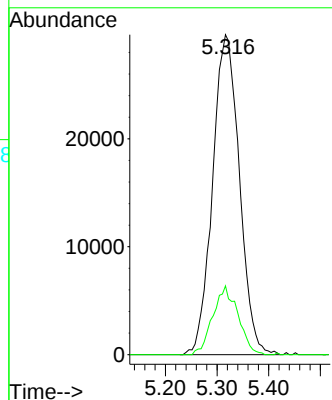
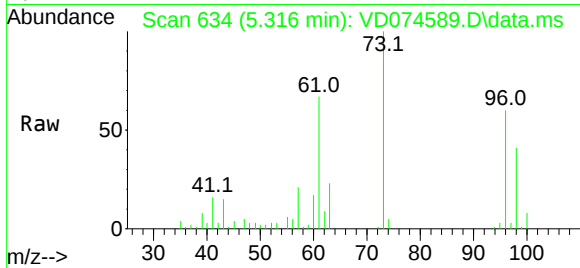
VSTDCCC050

Tgt Ion: 73 Resp: 106905

Ion Ratio Lower Upper

73 100

57 21.5 16.1 24.1



#20

Methylene Chloride

Concen: 48.744 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Tgt Ion: 84 Resp: 60806

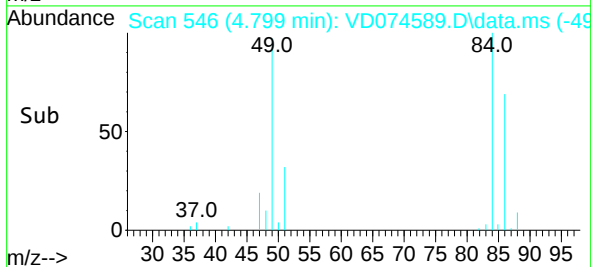
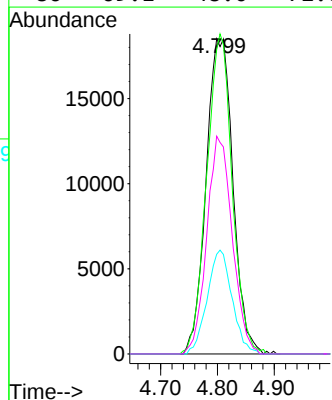
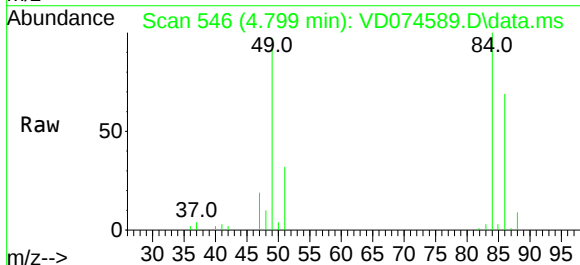
Ion Ratio Lower Upper

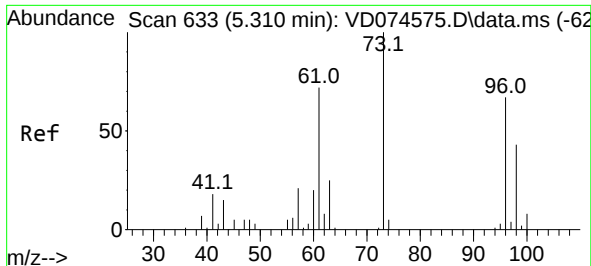
84 100

49 96.6 68.0 102.0

51 31.6 23.2 34.8

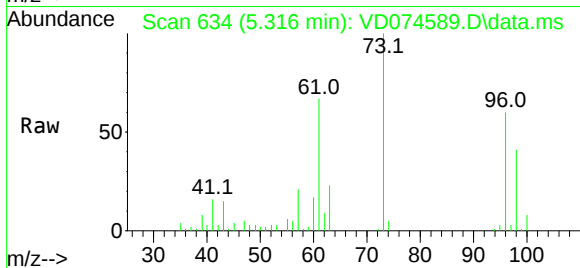
86 69.1 48.0 72.0



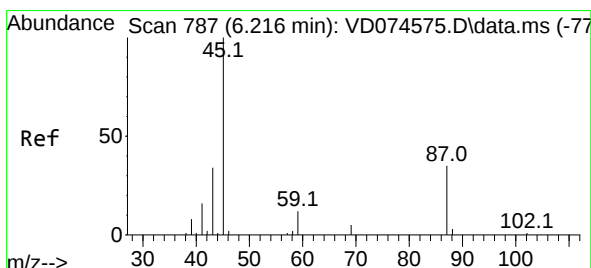
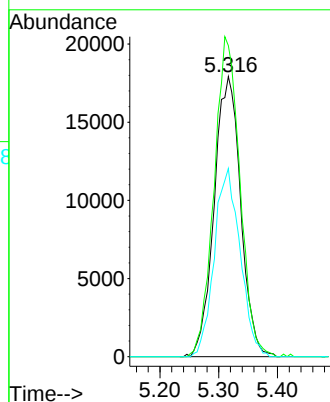
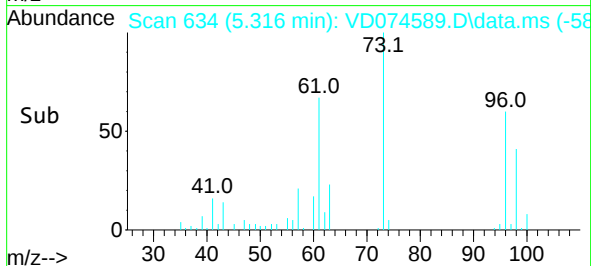


#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

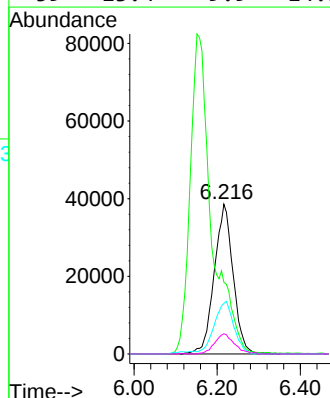
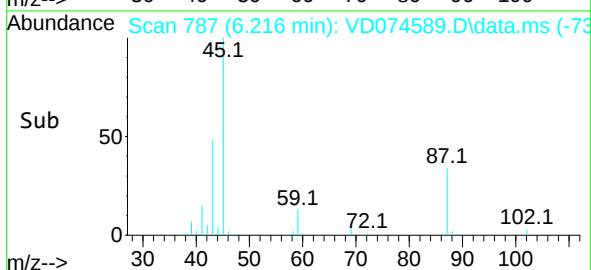
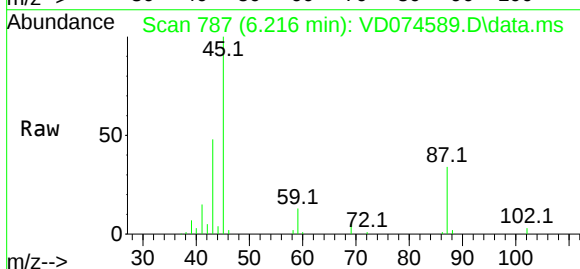


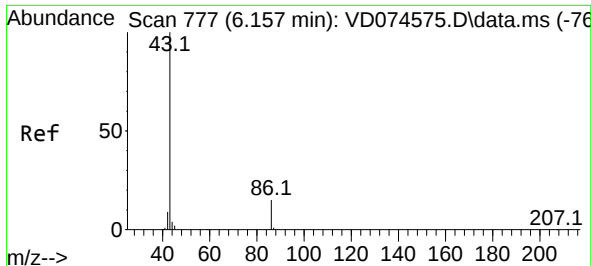
Tgt Ion: 96 Resp: 56045
Ion Ratio Lower Upper
96 100
61 111.0 95.7 143.5
98 67.2 54.8 82.2



#22
Diisopropyl ether
Concen: 54.288 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 45 Resp: 121765
Ion Ratio Lower Upper
45 100
43 47.2 37.8 56.6
87 33.7 26.6 40.0
59 13.4 9.9 14.9

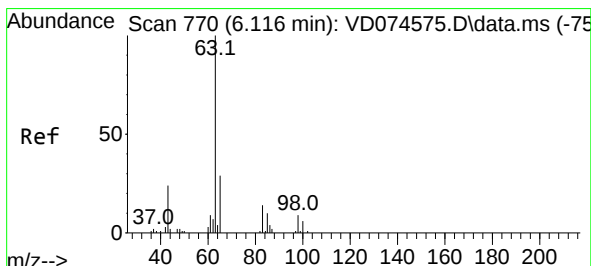
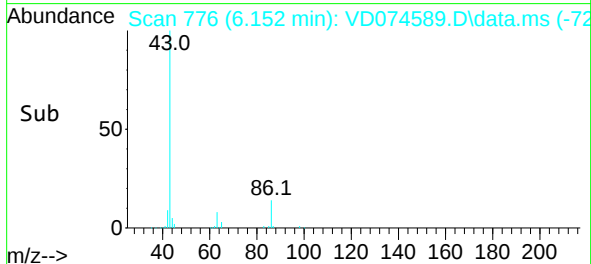
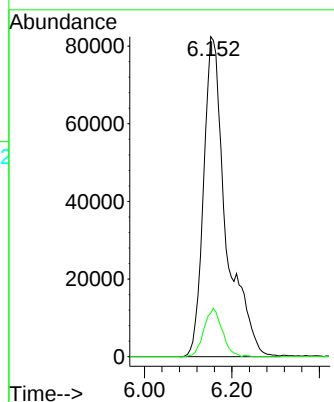
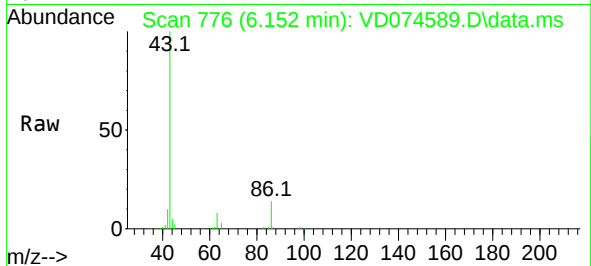




#23
 Vinyl Acetate
 Concen: 300.534 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

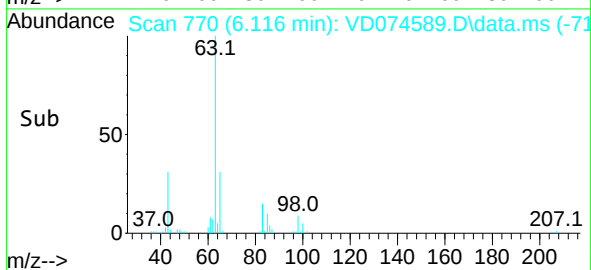
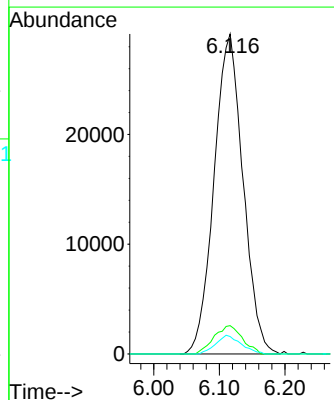
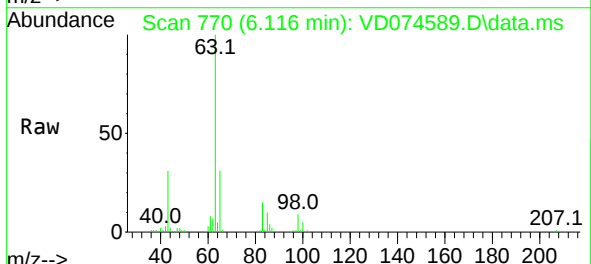
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

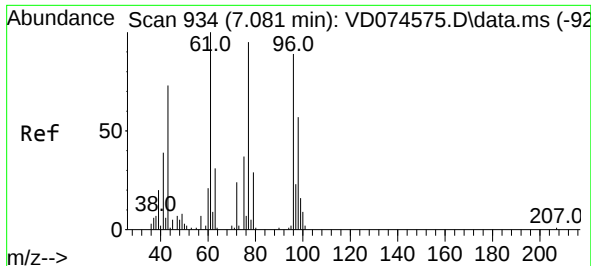
Tgt Ion: 43 Resp: 294770
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 51.355 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion: 63 Resp: 89399
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.6 13.8
 100 5.5 2.9 8.6

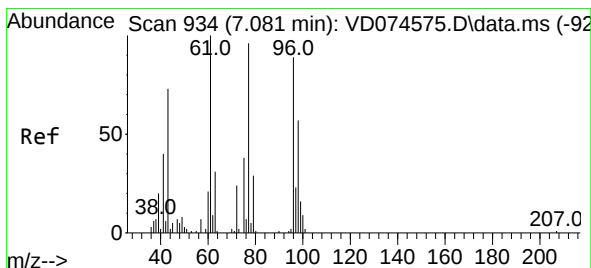
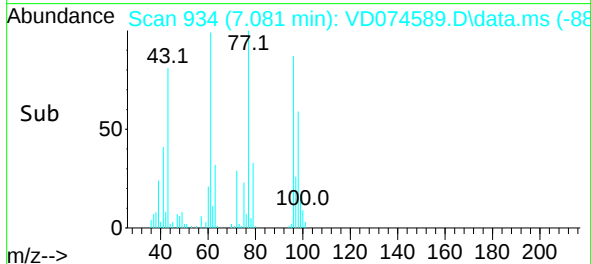
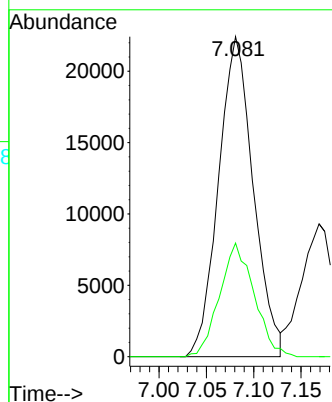
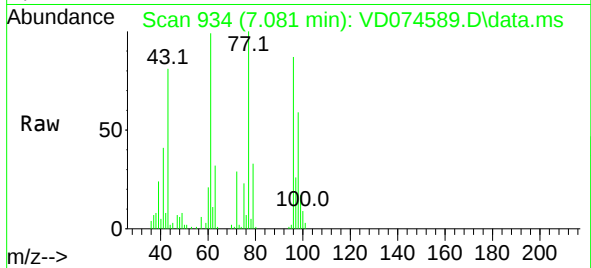




#25
2-Butanone
Concen: 265.112 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

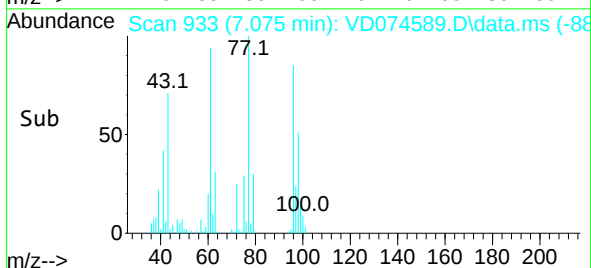
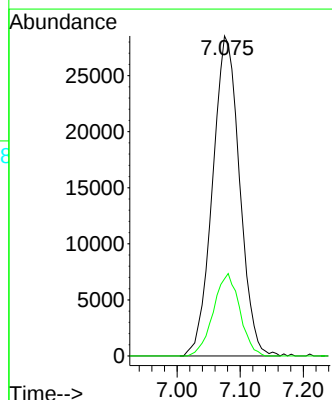
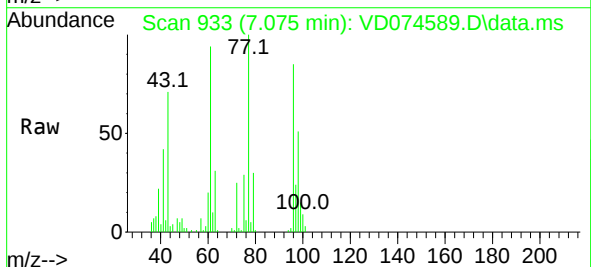
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

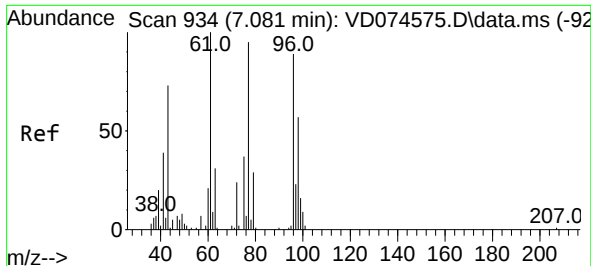
Tgt Ion: 43 Resp: 57261
Ion Ratio Lower Upper
43 100
72 35.5 25.8 38.8



#26
2,2-Dichloropropane
Concen: 51.074 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 77 Resp: 84978
Ion Ratio Lower Upper
77 100
97 25.1 12.5 37.5



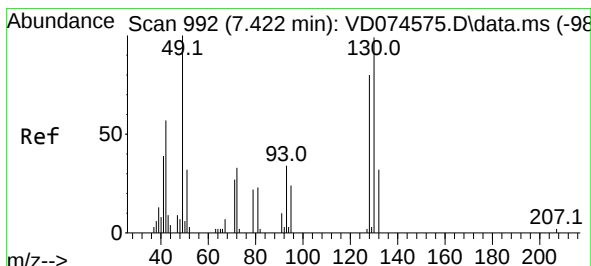
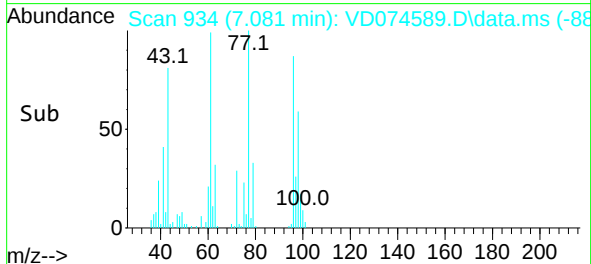
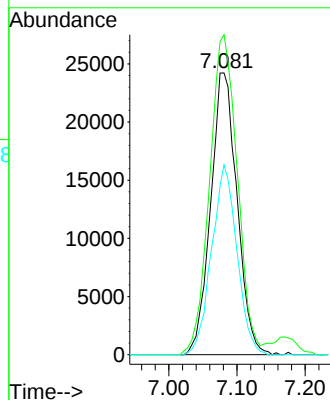
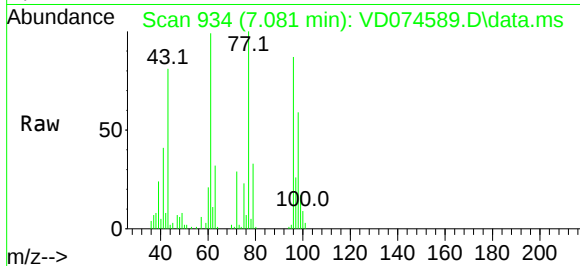


#27
 cis-1,2-Dichloroethene
 Concen: 51.330 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 65323

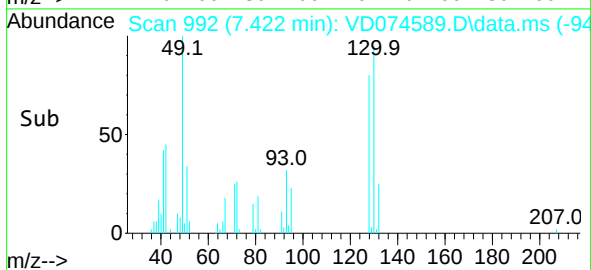
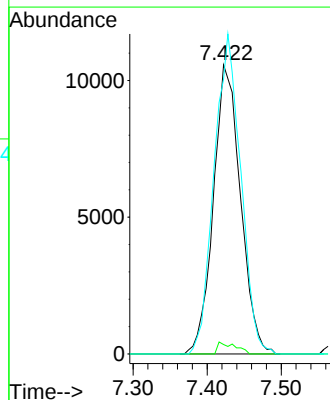
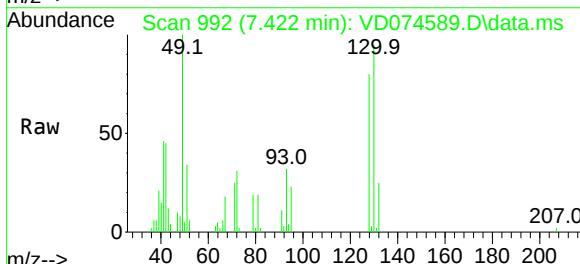
Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	242.4
98	64.6	0.0	130.0

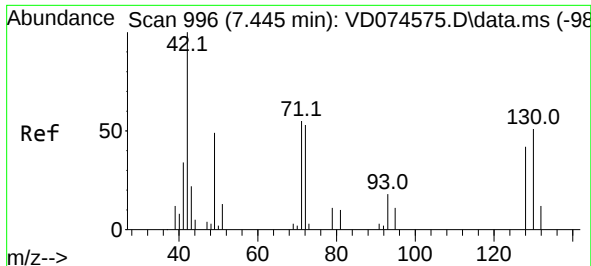


#28
 Bromochloromethane
 Concen: 56.835 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion: 49 Resp: 26843

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	109.1	84.1	126.1





#29

Tetrahydrofuran

Concen: 262.835 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

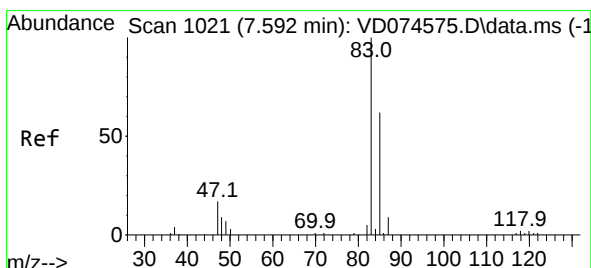
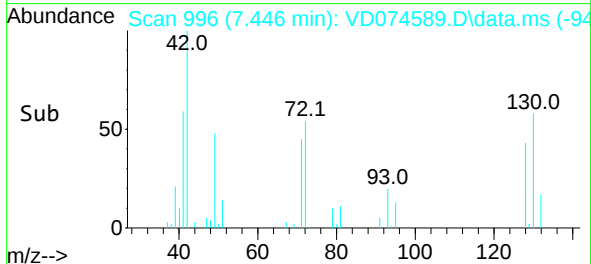
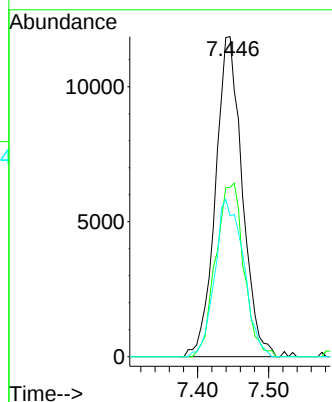
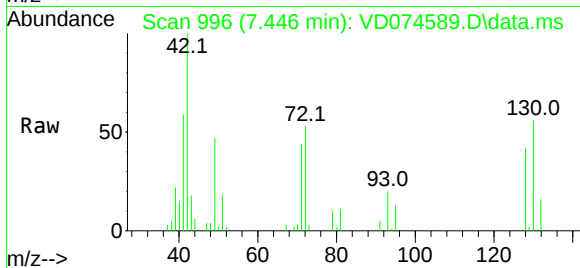
Tgt Ion: 42 Resp: 30963

Ion Ratio Lower Upper

42 100

72 56.7 45.8 68.6

71 52.9 44.6 66.8



#30

Chloroform

Concen: 51.794 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD074589.D

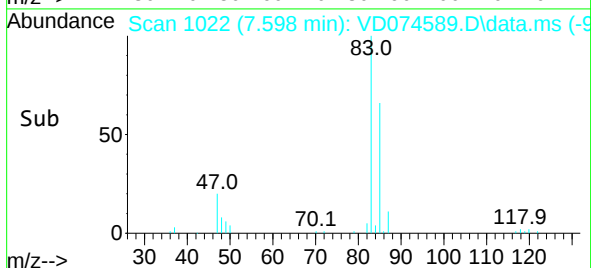
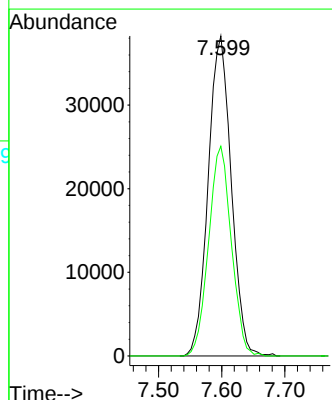
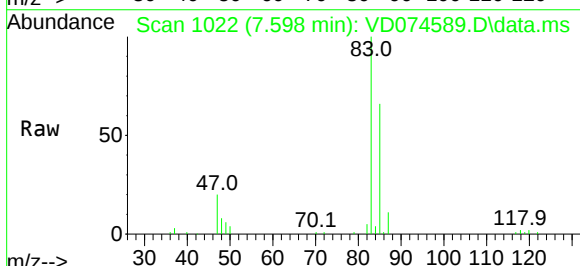
Acq: 20 Oct 2022 10:06

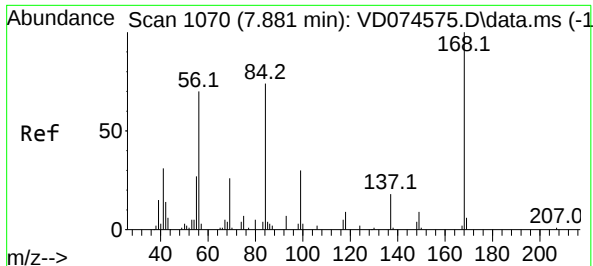
Tgt Ion: 83 Resp: 97017

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0

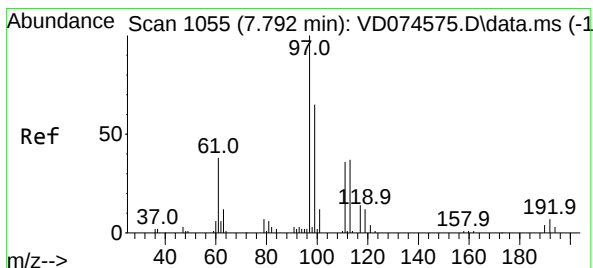
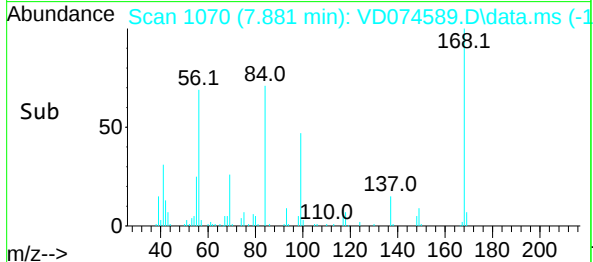
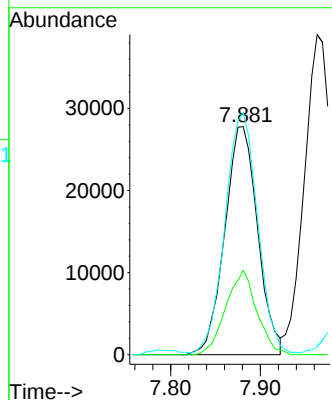
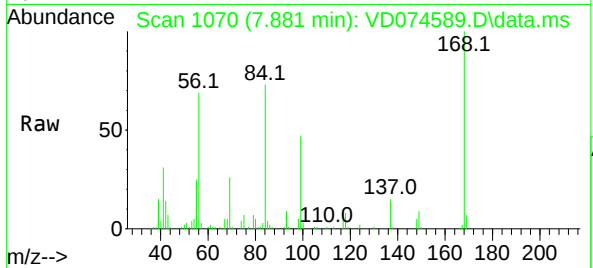




#31
Cyclohexane
Concen: 47.565 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

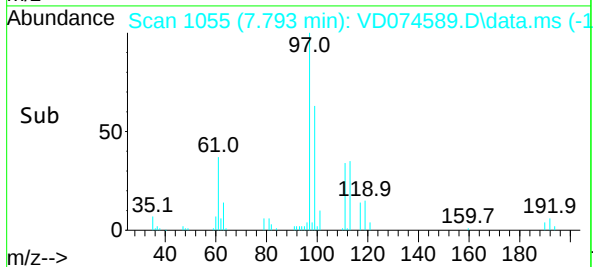
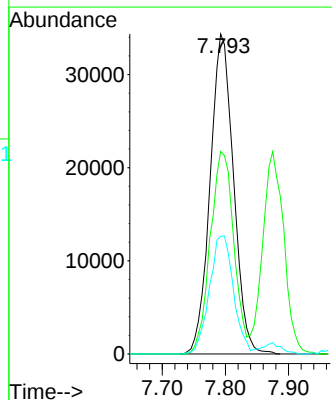
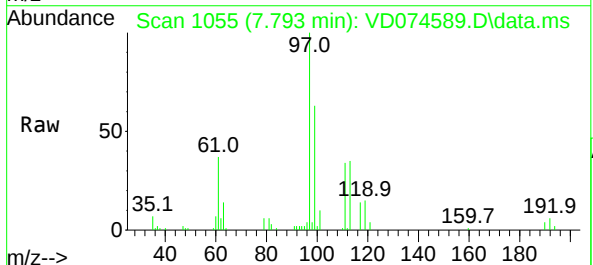
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

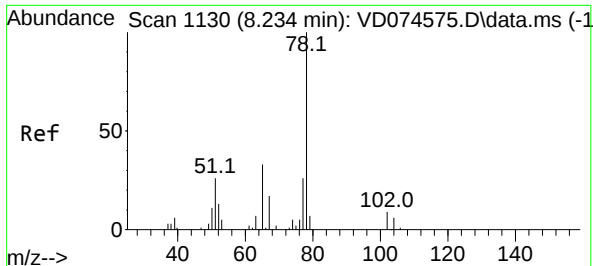
Tgt Ion: 56 Resp: 70673
Ion Ratio Lower Upper
56 100
69 37.0 29.2 43.8
84 105.1 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 51.479 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 97 Resp: 88427
Ion Ratio Lower Upper
97 100
99 63.5 53.3 79.9
61 38.1 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 48.344 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

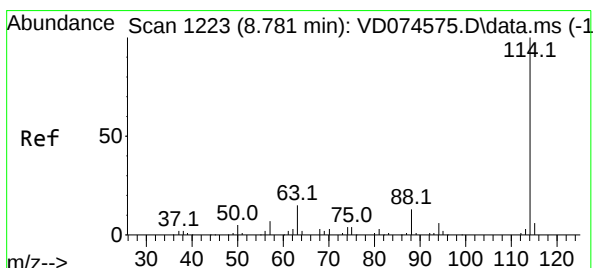
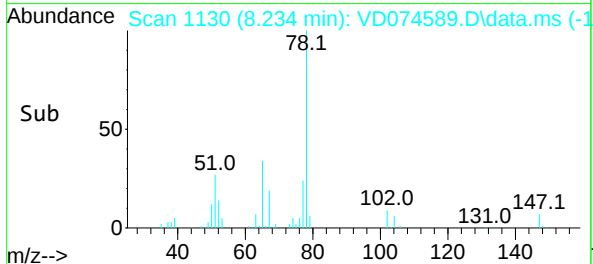
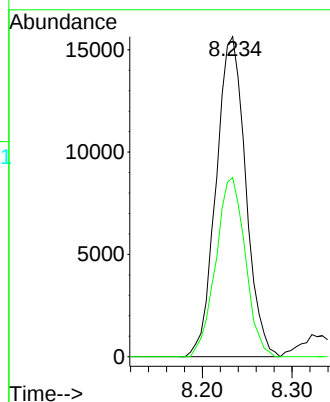
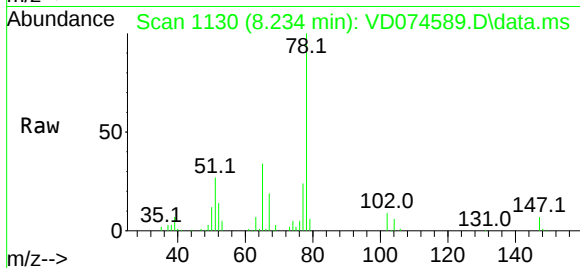
VSTDCCC050

Tgt Ion: 65 Resp: 35759

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

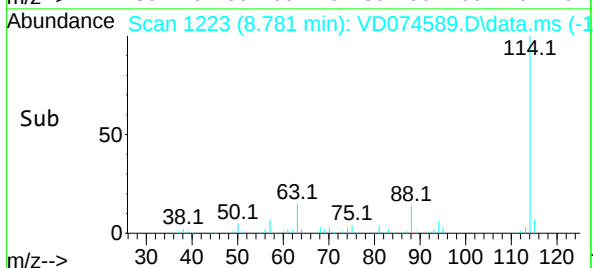
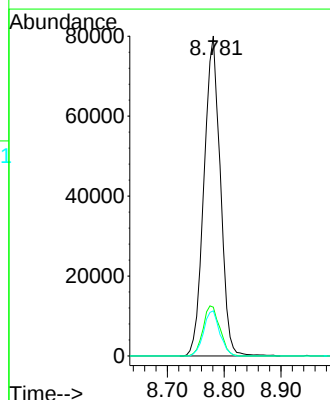
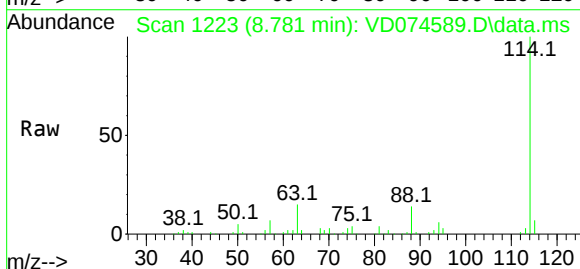
Tgt Ion: 114 Resp: 159372

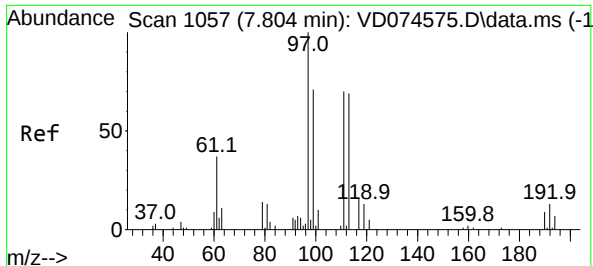
Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.356 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

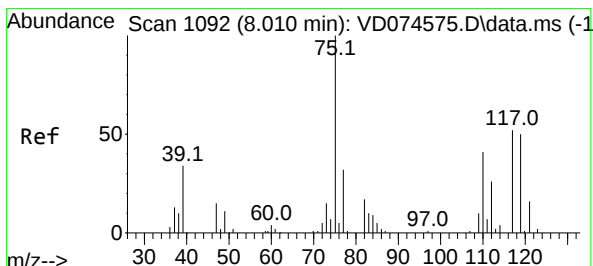
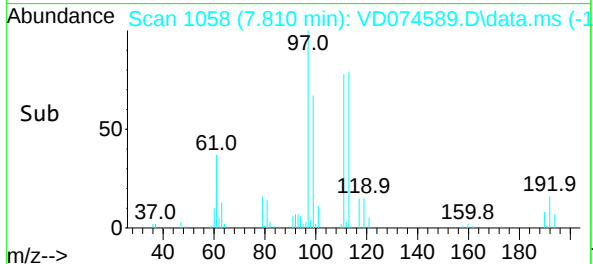
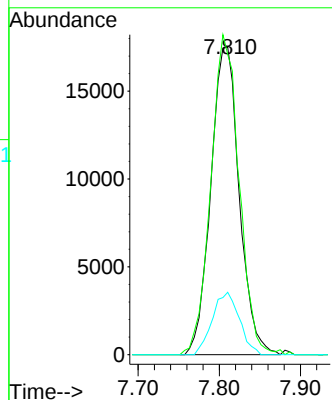
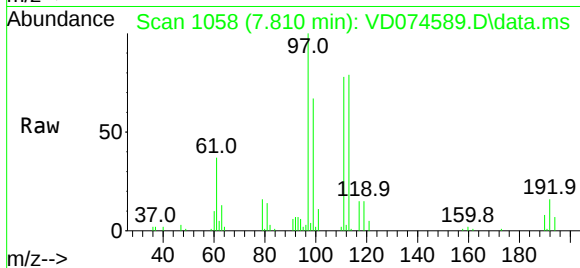
Tgt Ion:113 Resp: 42729

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.3 16.4 24.6



#36

1,1-Dichloropropene

Concen: 49.687 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

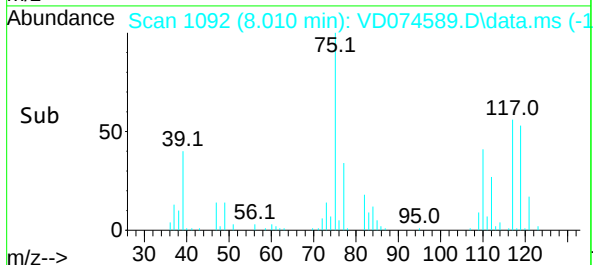
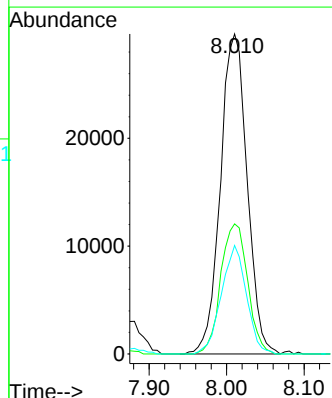
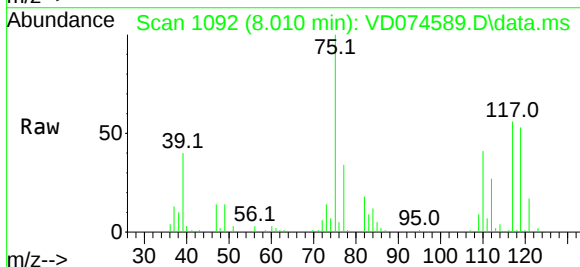
Tgt Ion: 75 Resp: 71137

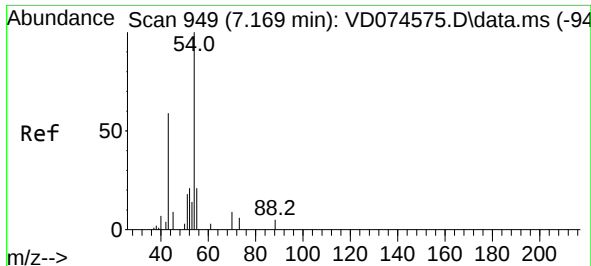
Ion Ratio Lower Upper

75 100

110 40.9 19.7 59.0

77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 53.675 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

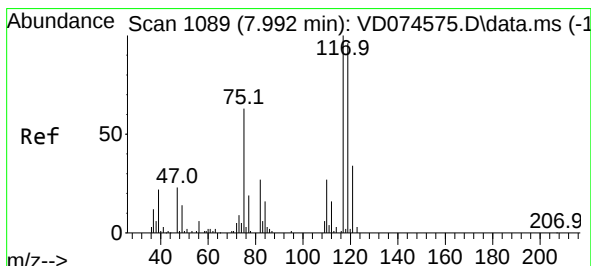
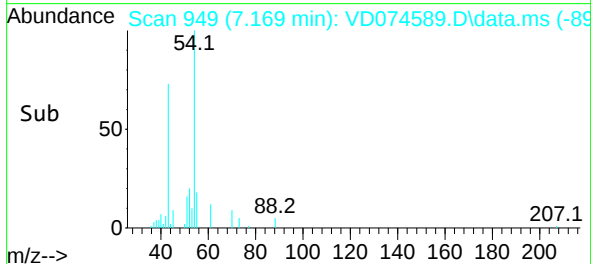
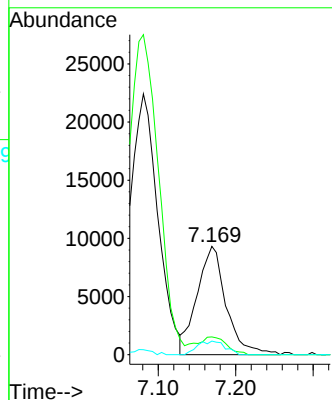
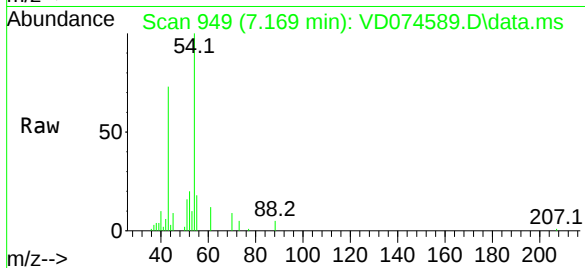
Tgt Ion: 43 Resp: 24246

Ion Ratio Lower Upper

43 100

61 13.4 12.2 18.4

70 11.9 9.6 14.4



#38

Carbon Tetrachloride

Concen: 51.524 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

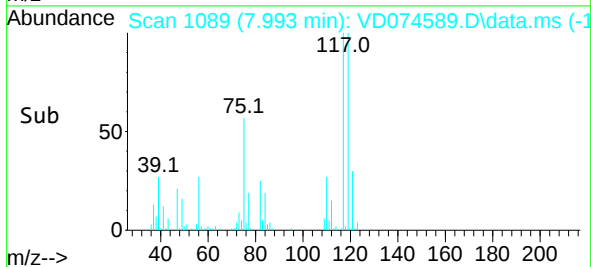
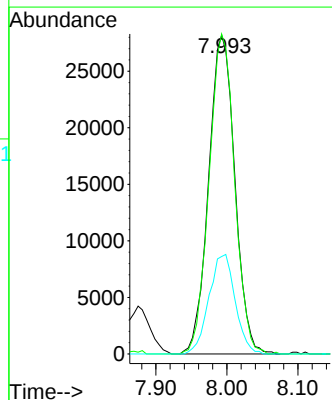
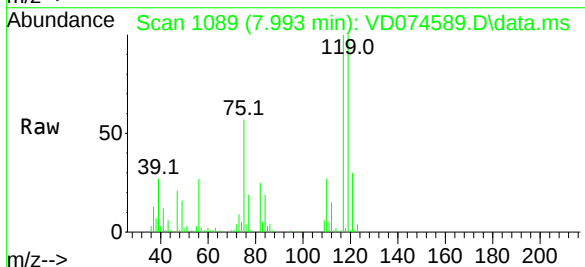
Tgt Ion: 117 Resp: 72235

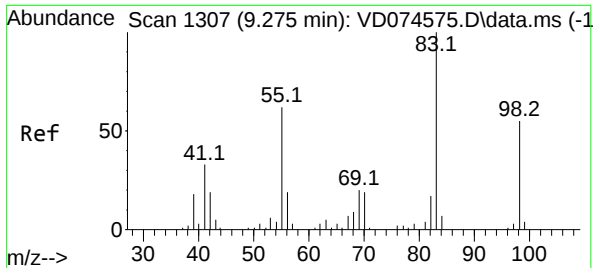
Ion Ratio Lower Upper

117 100

119 100.4 73.1 109.7

121 30.6 25.0 37.6





#39

Methylcyclohexane

Concen: 50.613 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

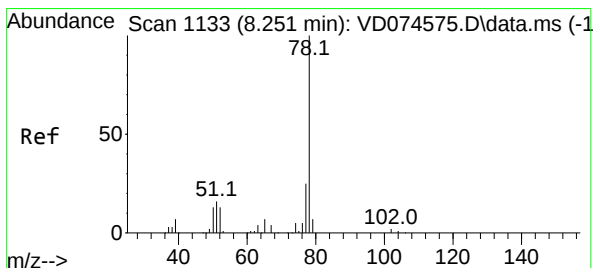
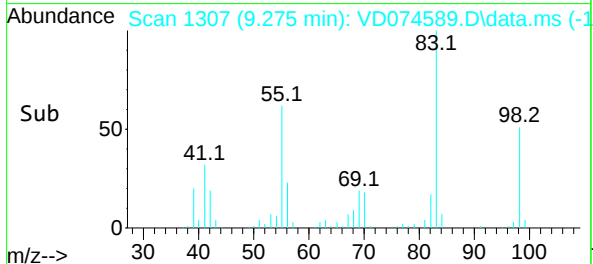
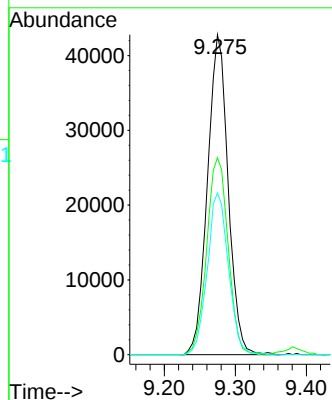
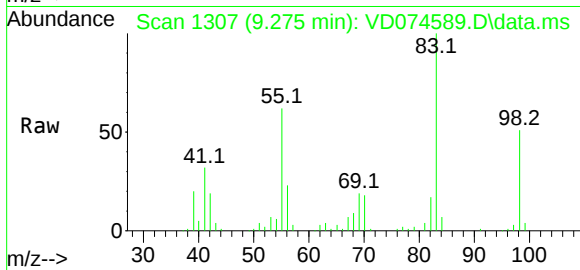
Tgt Ion: 83 Resp: 86581

Ion Ratio Lower Upper

83 100

55 61.6 49.0 73.4

98 50.5 41.7 62.5



#40

Benzene

Concen: 51.221 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074589.D

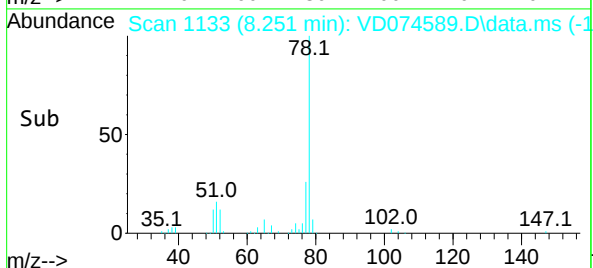
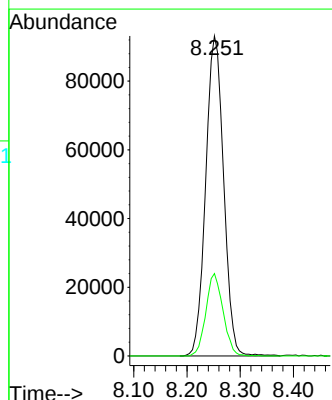
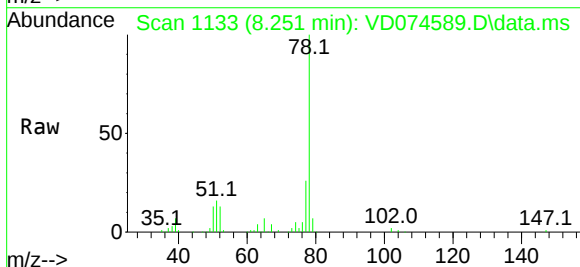
Acq: 20 Oct 2022 10:06

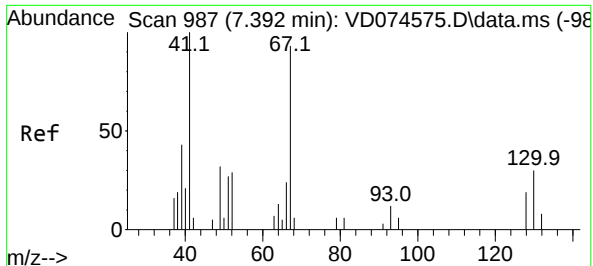
Tgt Ion: 78 Resp: 217641

Ion Ratio Lower Upper

78 100

77 25.8 20.1 30.1



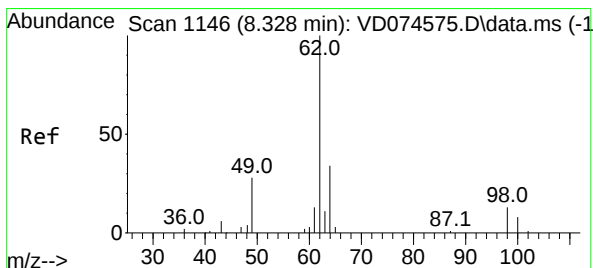
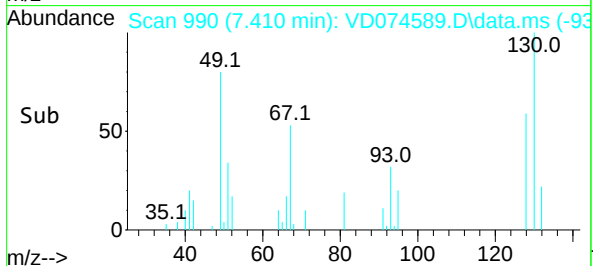
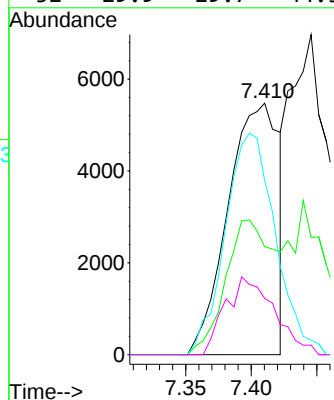
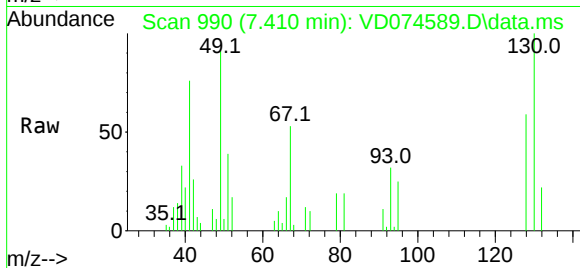


#41
Methacrylonitrile
Concen: 60.568 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 14741

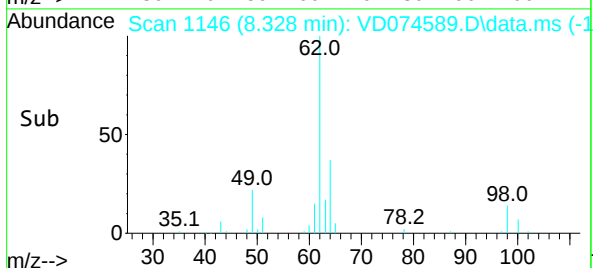
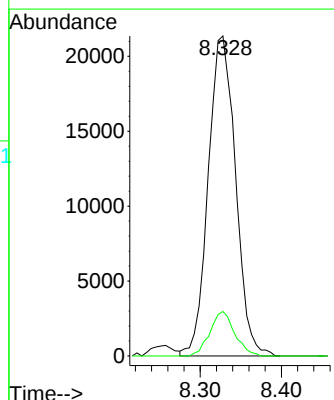
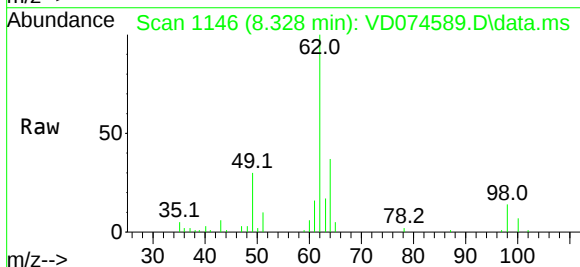
Ion	Ratio	Lower	Upper
41	100		
39	51.3	35.0	52.6
67	87.2	77.0	115.6
52	29.9	29.7	44.5

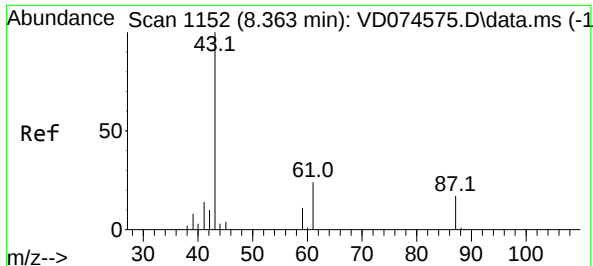


#42
1,2-Dichloroethane
Concen: 50.964 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 62 Resp: 49972

Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	24.2





#43

Isopropyl Acetate

Concen: 52.739 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

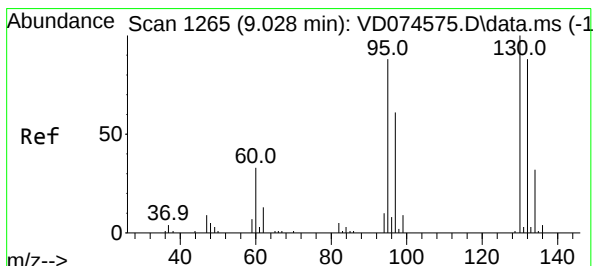
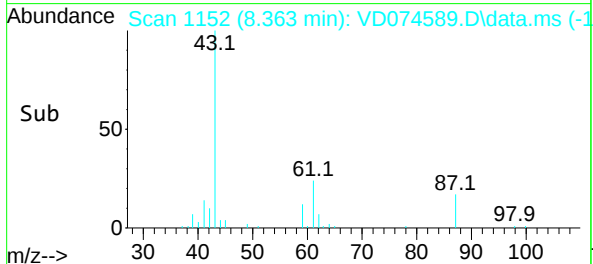
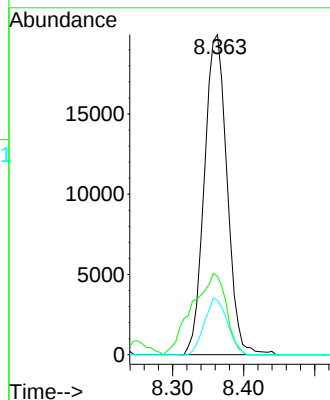
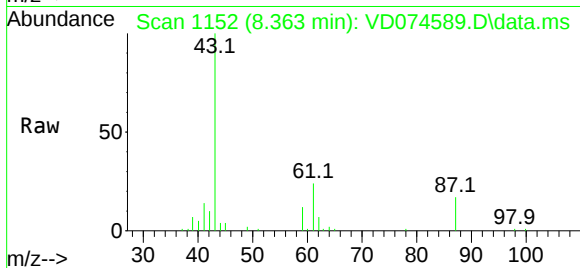
Tgt Ion: 43 Resp: 44274

Ion Ratio Lower Upper

43 100

61 38.0 30.9 46.3

87 17.9 14.3 21.5



#44

Trichloroethene

Concen: 50.907 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074589.D

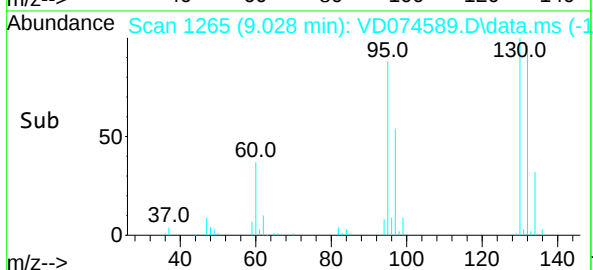
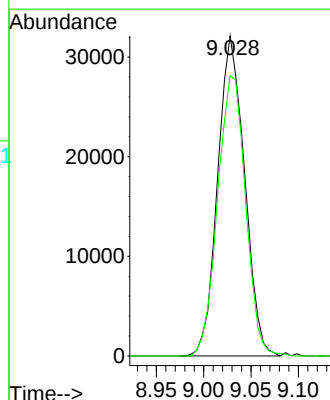
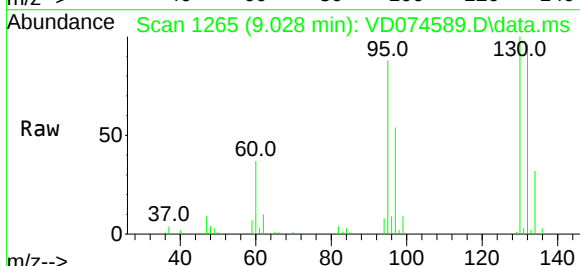
Acq: 20 Oct 2022 10:06

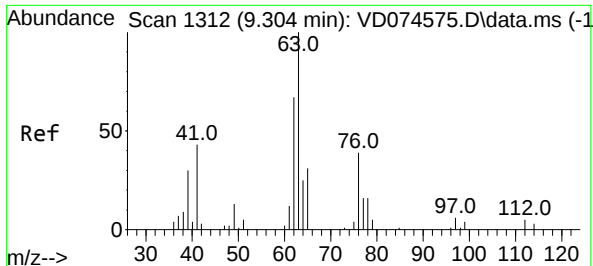
Tgt Ion:130 Resp: 63368

Ion Ratio Lower Upper

130 100

95 87.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 52.672 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

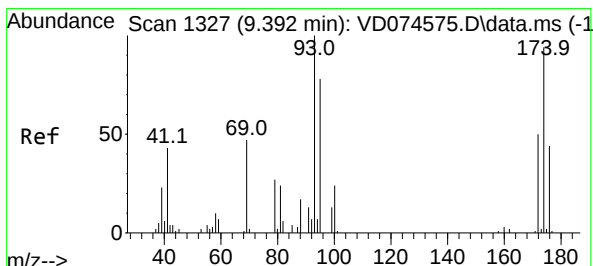
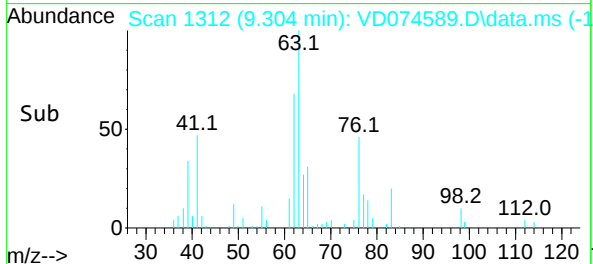
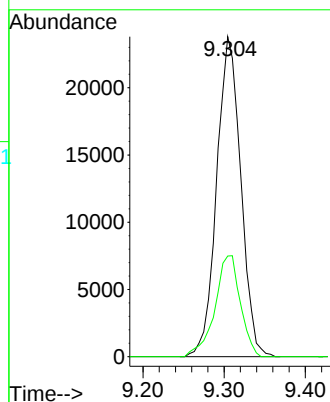
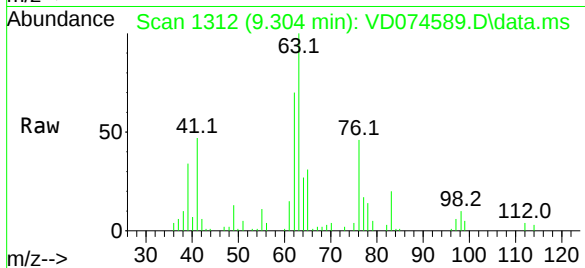
VSTDCCC050

Tgt Ion: 63 Resp: 49116

Ion Ratio Lower Upper

63 100

65 31.4 23.1 34.7



#46

Dibromomethane

Concen: 52.315 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

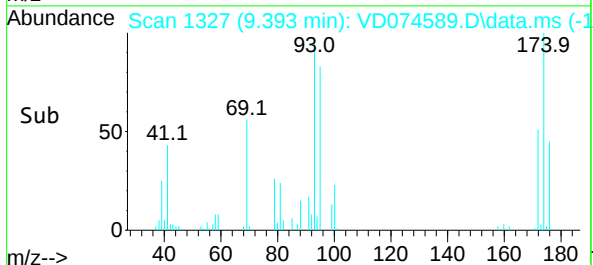
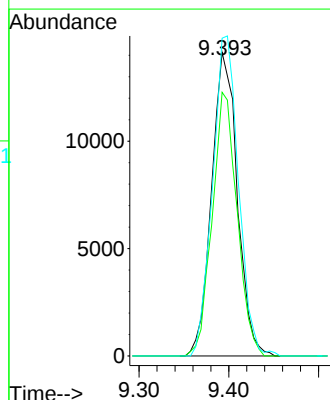
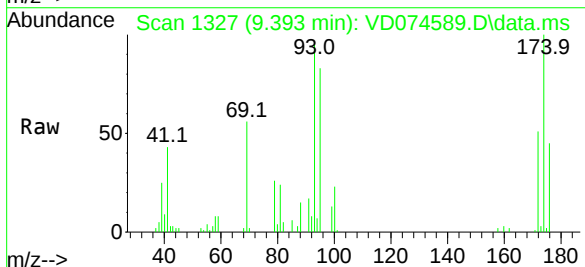
Tgt Ion: 93 Resp: 28150

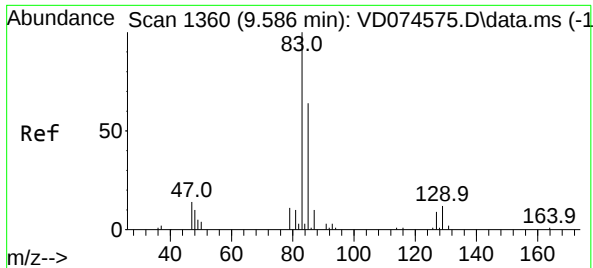
Ion Ratio Lower Upper

93 100

95 83.9 68.2 102.2

174 106.4 87.4 131.0

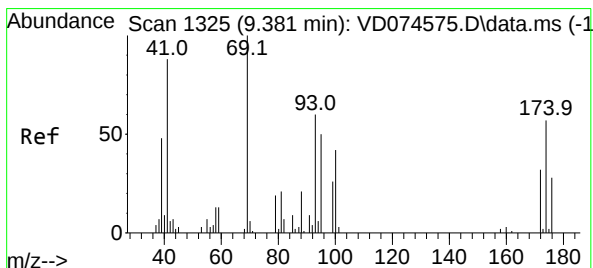
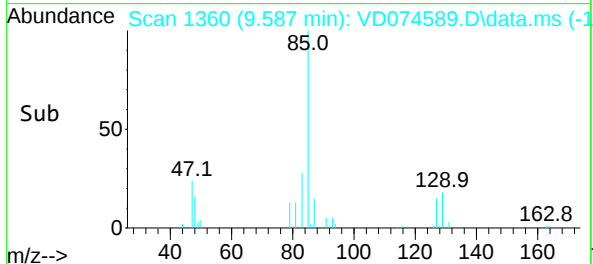
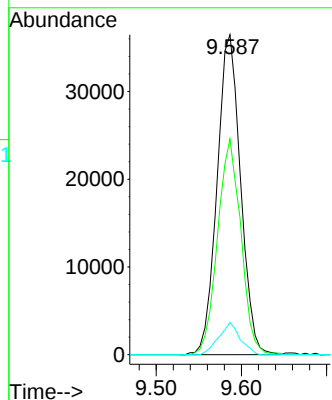
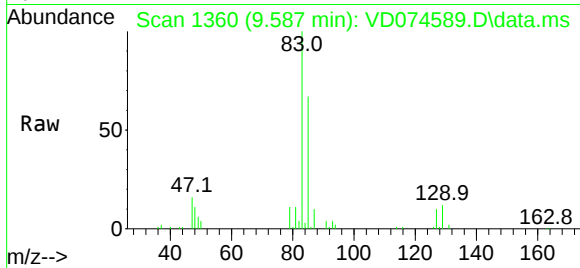




#47
Bromodichloromethane
Concen: 52.473 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

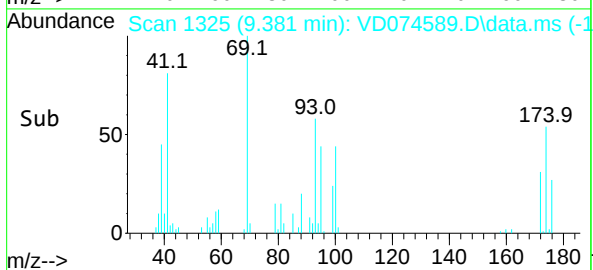
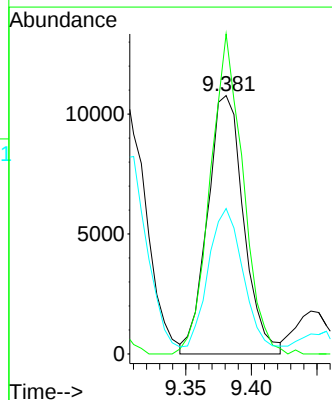
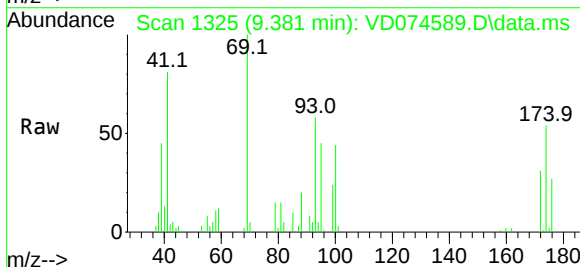
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

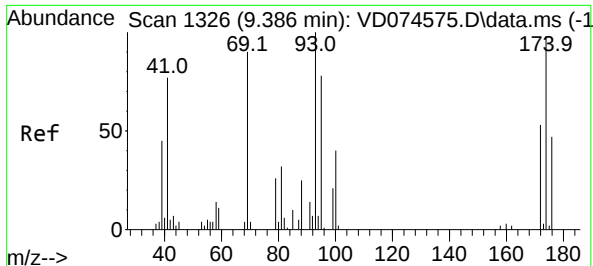
Tgt Ion: 83 Resp: 69859
Ion Ratio Lower Upper
83 100
85 67.5 48.8 73.2
127 10.1 6.7 10.1#



#48
Methyl methacrylate
Concen: 53.814 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 41 Resp: 20646
Ion Ratio Lower Upper
41 100
69 112.4 93.0 139.4
39 52.2 44.6 66.8





#49

1,4-Dioxane

Concen: 1100.288 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

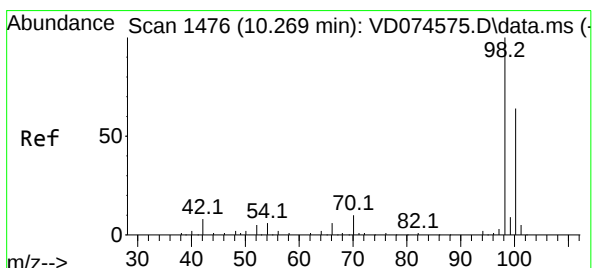
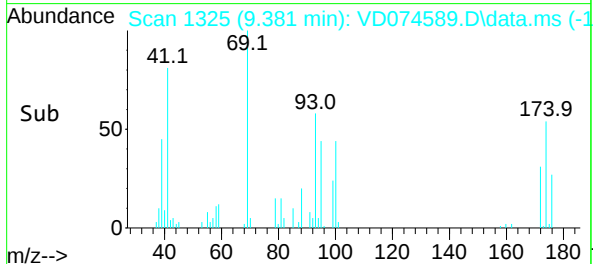
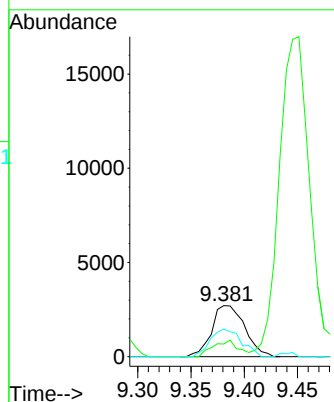
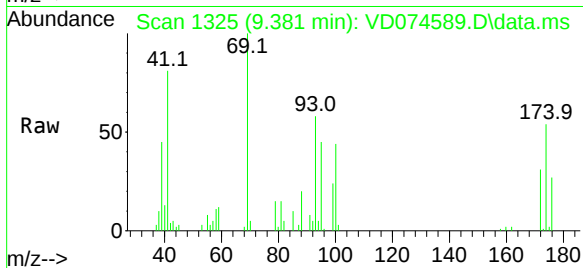
Tgt Ion: 88 Resp: 5827

Ion Ratio Lower Upper

88 100

43 24.7 24.1 36.1

58 51.2 43.1 64.7



#50

Toluene-d8

Concen: 48.552 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074589.D

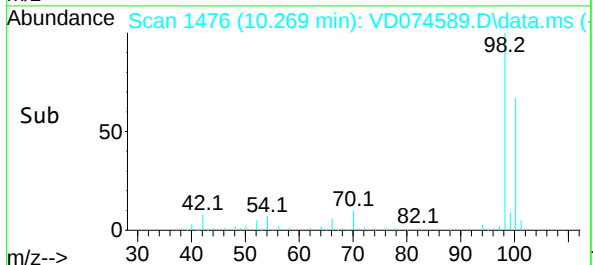
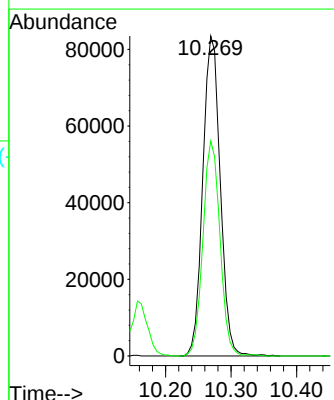
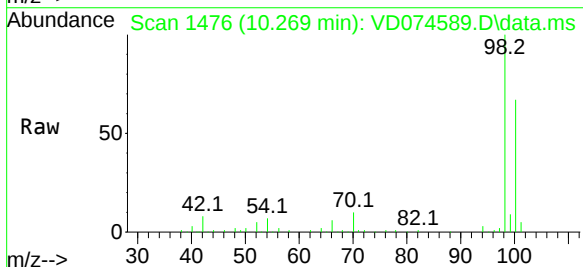
Acq: 20 Oct 2022 10:06

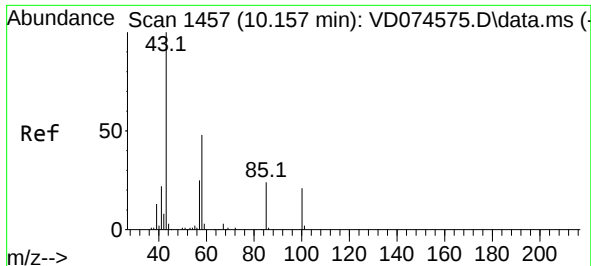
Tgt Ion: 98 Resp: 154875

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

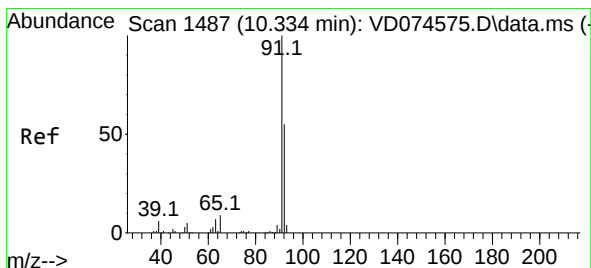
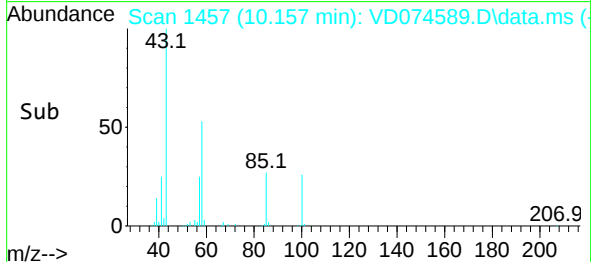
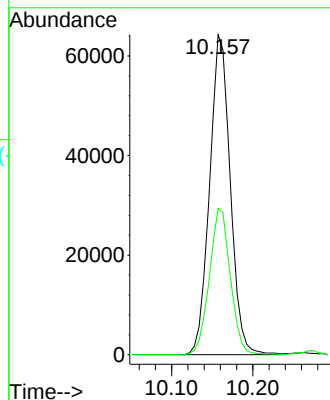
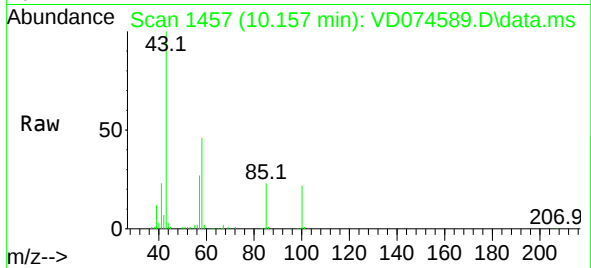




#51
4-Methyl-2-Pentanone
Concen: 271.999 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

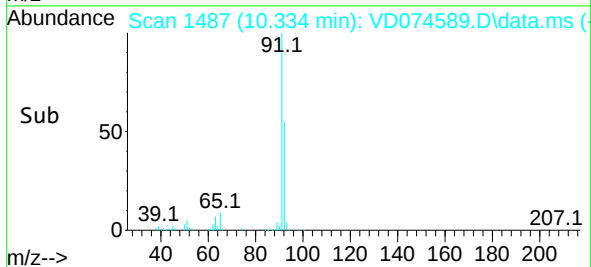
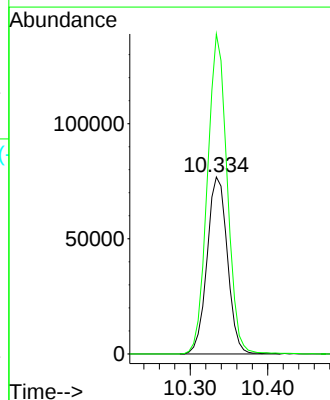
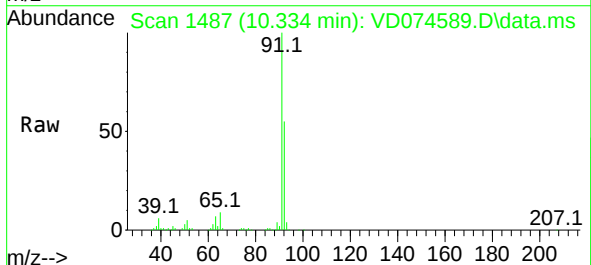
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

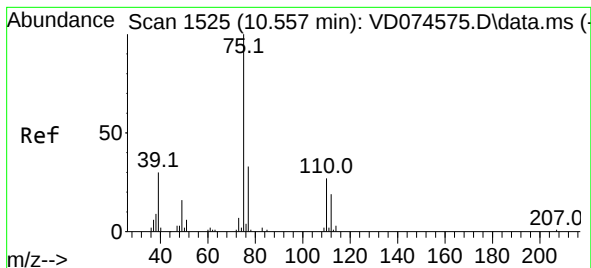
Tgt Ion: 43 Resp: 113576
Ion Ratio Lower Upper
43 100
58 46.4 37.8 56.6



#52
Toluene
Concen: 53.388 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 92 Resp: 139901
Ion Ratio Lower Upper
92 100
91 176.1 139.0 208.4

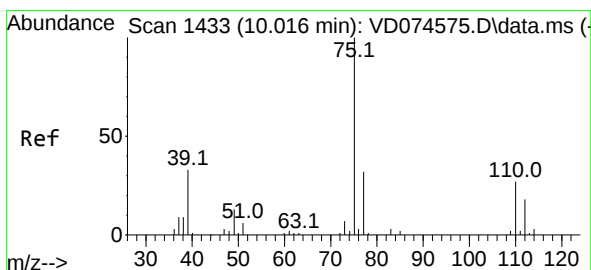
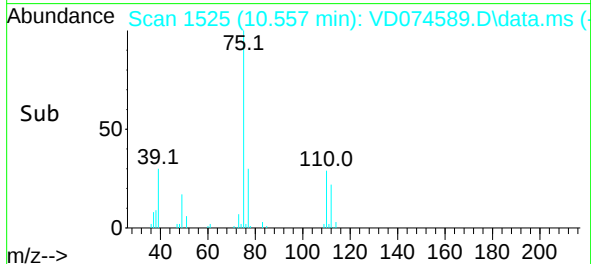
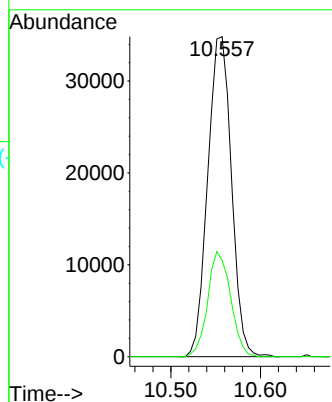
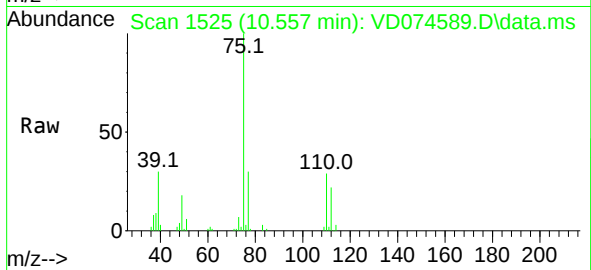




#53
t-1,3-Dichloropropene
Concen: 54.658 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

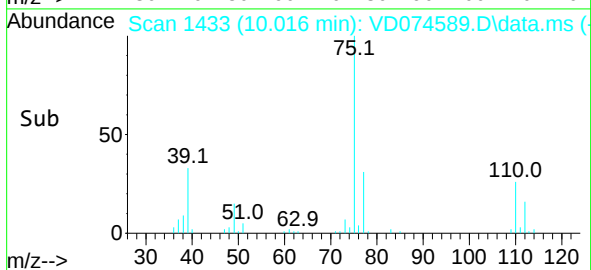
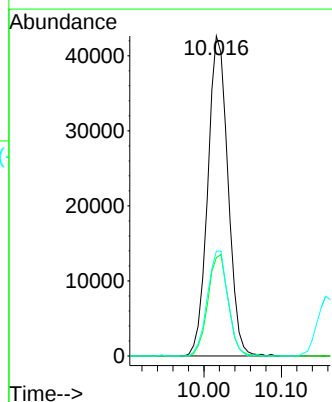
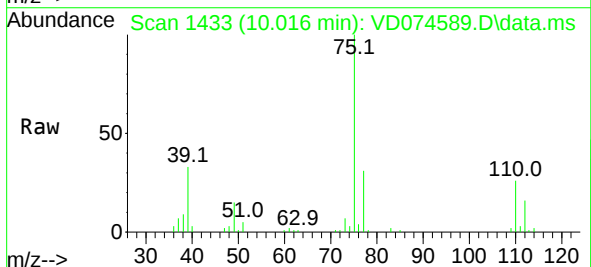
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

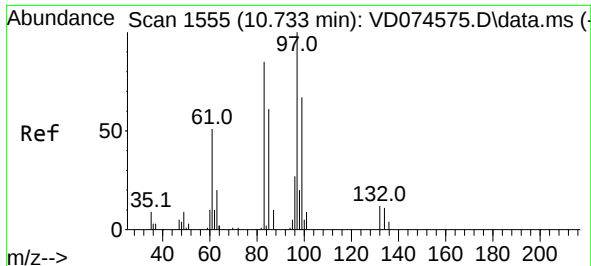
Tgt Ion: 75 Resp: 63979
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.227 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 75 Resp: 77081
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 32.7 25.4 38.2

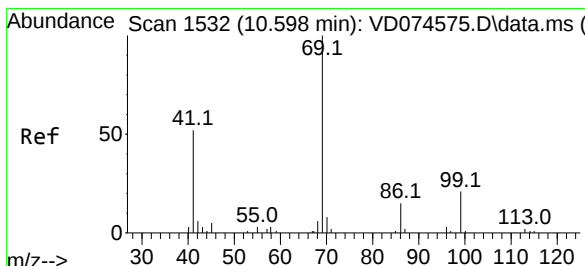
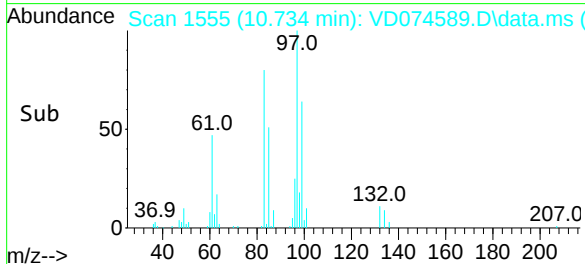
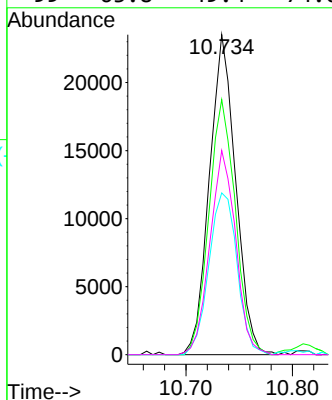
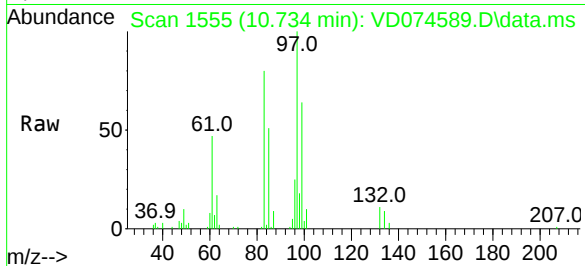




#55
1,1,2-Trichloroethane
Concen: 54.431 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

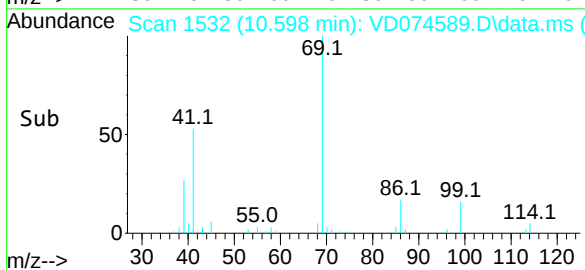
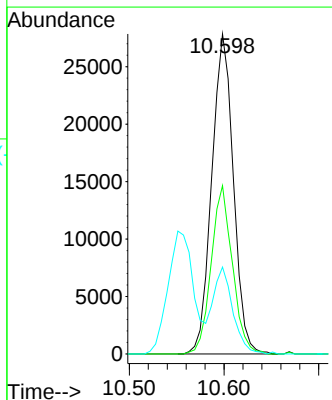
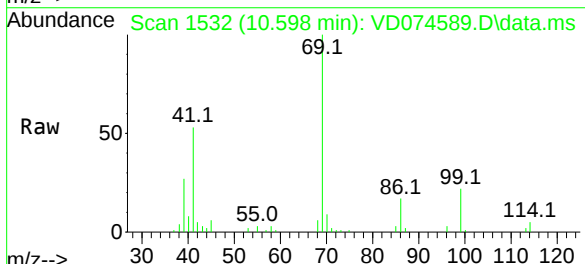
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

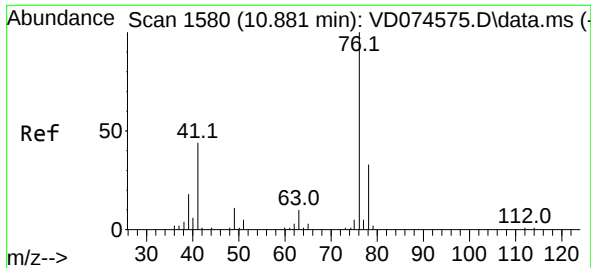
Tgt Ion:	97	Resp:	40241
Ion	Ratio	Lower	Upper
97	100		
83	79.7	64.8	97.2
85	50.6	44.8	67.2
99	63.8	49.4	74.0



#56
Ethyl methacrylate
Concen: 54.630 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:	69	Resp:	44149
Ion	Ratio	Lower	Upper
69	100		
41	51.6	38.6	58.0
39	24.8	19.9	29.9





#57

1,3-Dichloropropane

Concen: 52.949 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

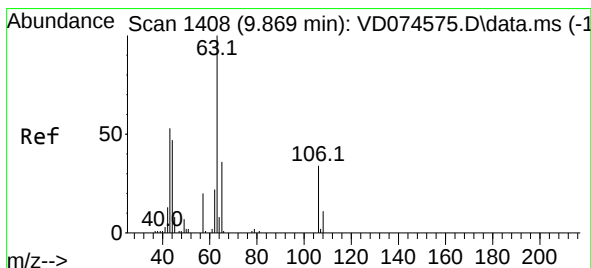
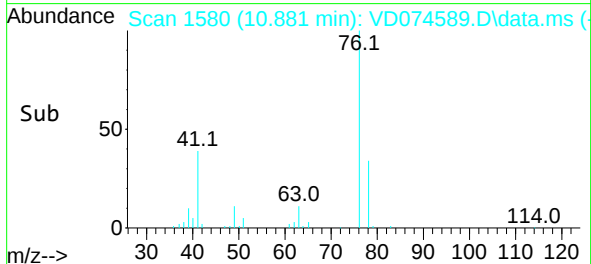
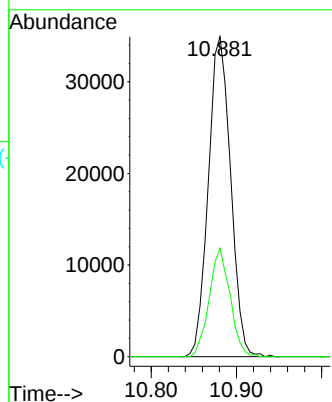
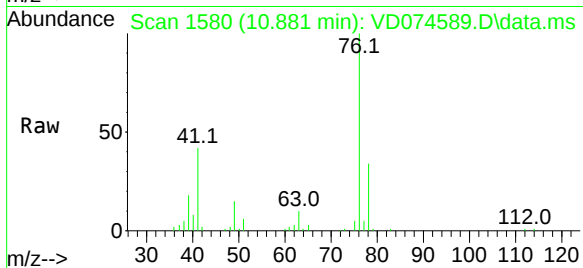
VSTDCCC050

Tgt Ion: 76 Resp: 63503

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 310.138 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074589.D

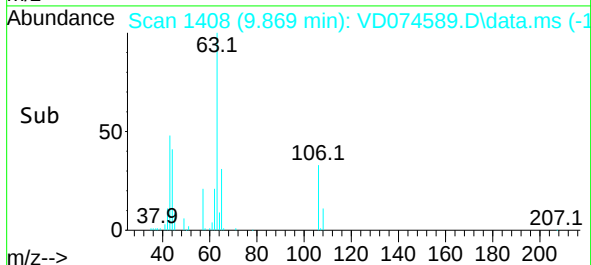
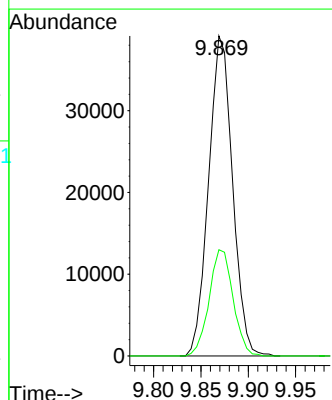
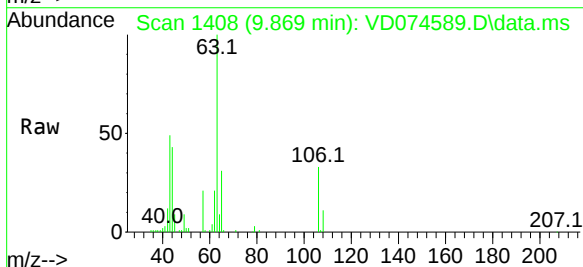
Acq: 20 Oct 2022 10:06

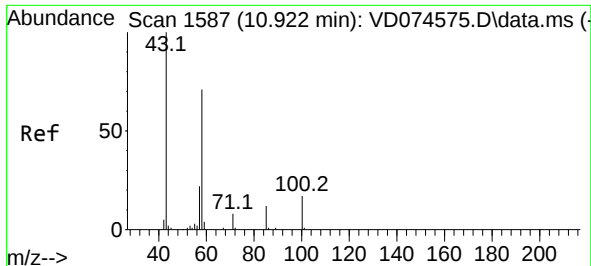
Tgt Ion: 63 Resp: 68863

Ion Ratio Lower Upper

63 100

106 33.2 26.5 39.7

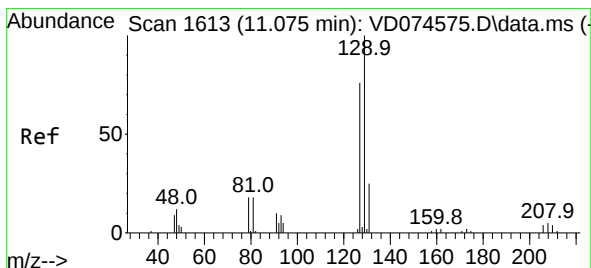
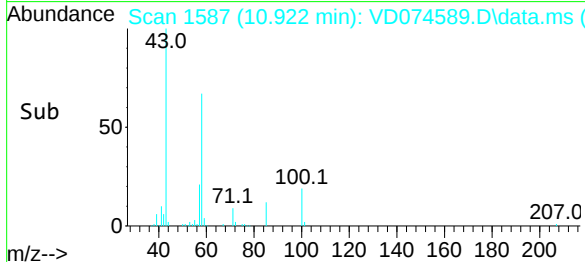
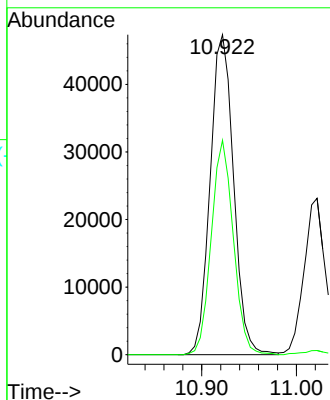
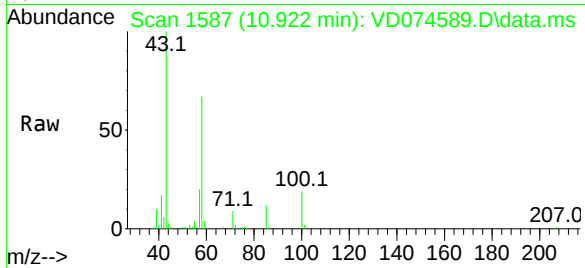




#59
2-Hexanone
Concen: 285.340 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

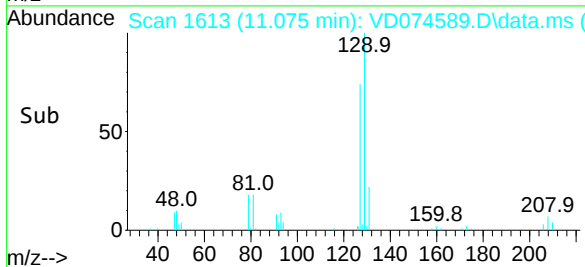
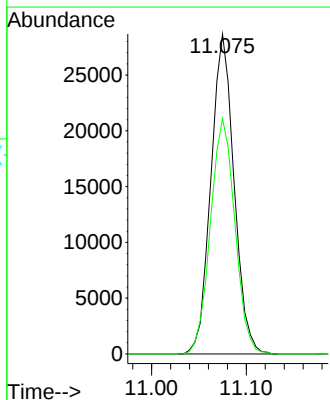
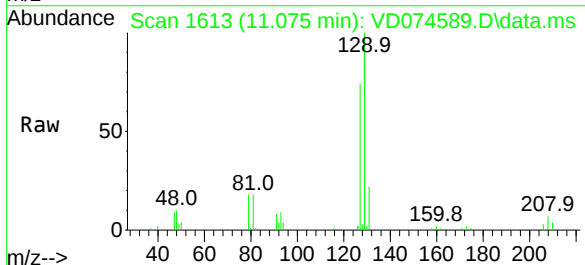
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

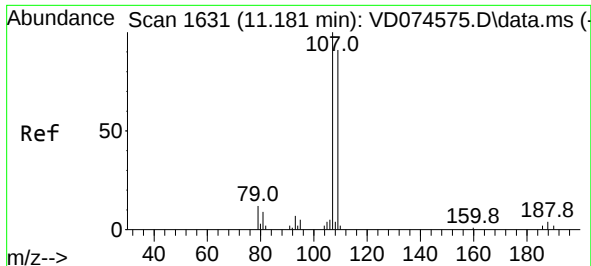
Tgt Ion: 43 Resp: 81323
Ion Ratio Lower Upper
43 100
58 63.1 32.0 96.2



#60
Dibromochloromethane
Concen: 54.638 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 129 Resp: 48689
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

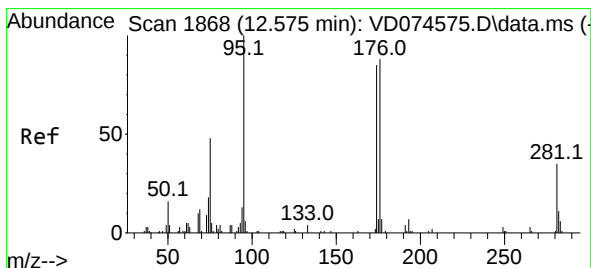
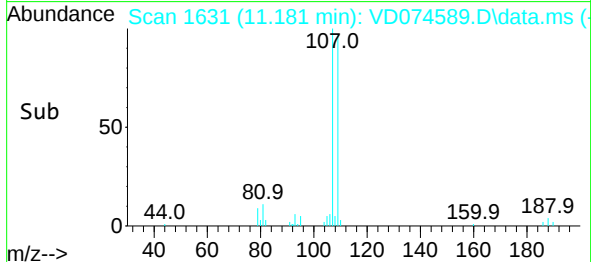
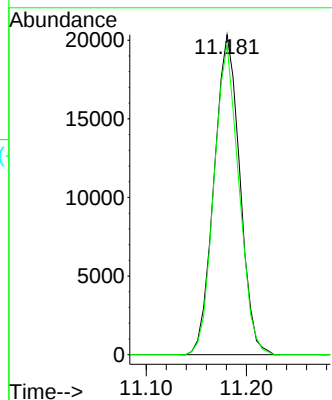
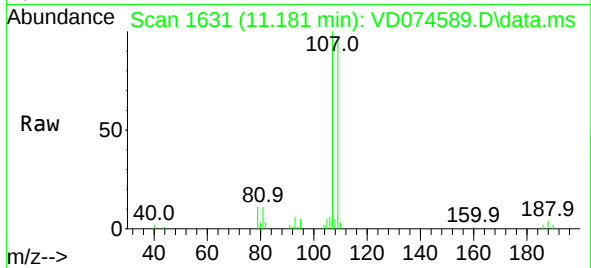




#61
1,2-Dibromoethane
Concen: 53.614 ug/l
RT: 11.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

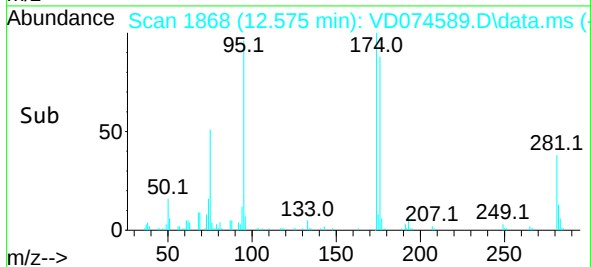
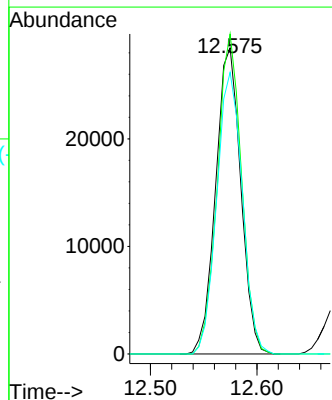
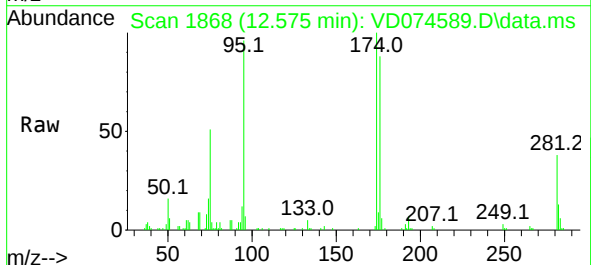
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

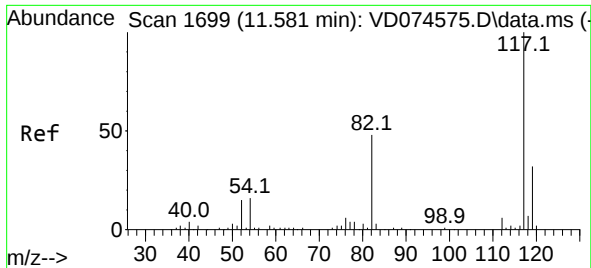
Tgt Ion:107 Resp: 36182
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.748 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 95 Resp: 46543
Ion Ratio Lower Upper
95 100
174 100.4 0.0 197.0
176 93.5 0.0 182.6

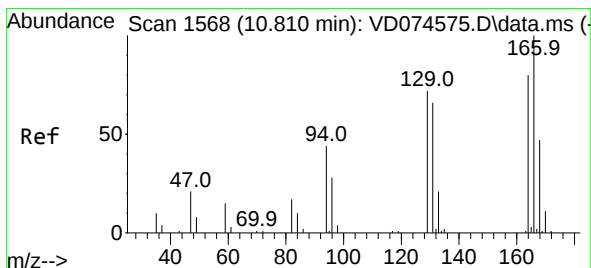
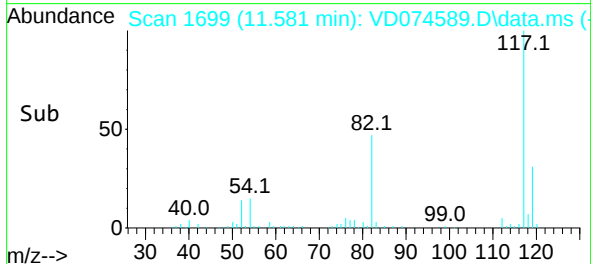
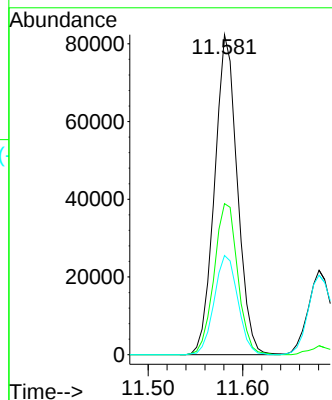
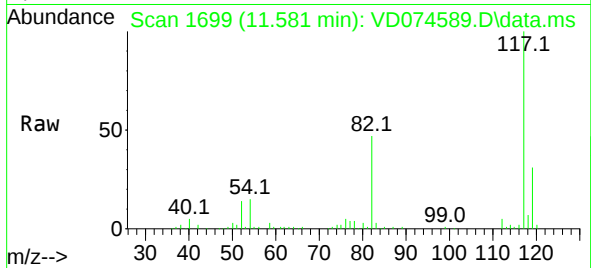




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

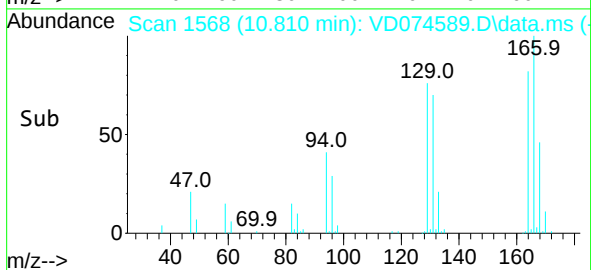
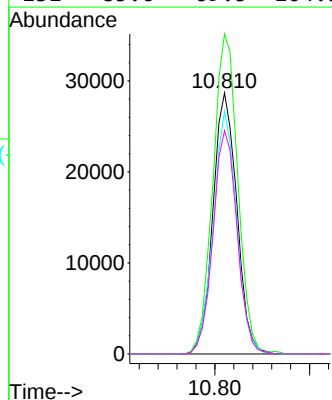
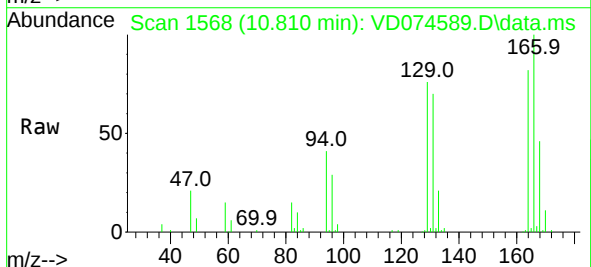
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

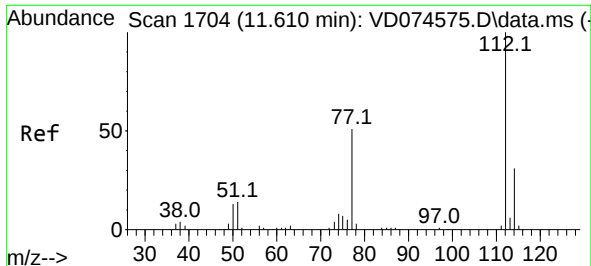
Tgt Ion:117 Resp: 137458
Ion Ratio Lower Upper
117 100
82 47.2 41.6 62.4
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 49.449 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:164 Resp: 50242
Ion Ratio Lower Upper
164 100
166 122.6 107.8 161.8
129 92.9 77.4 116.2
131 85.6 69.5 104.3

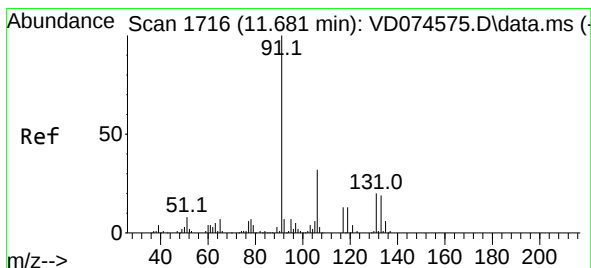
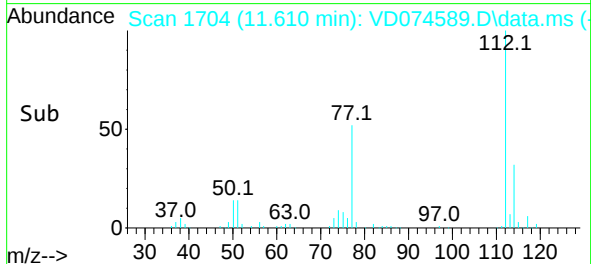
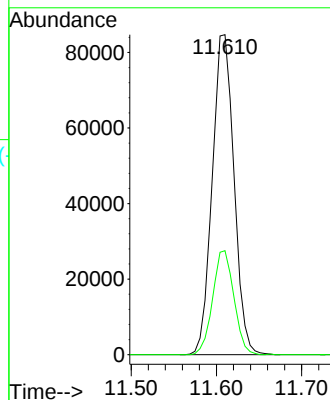
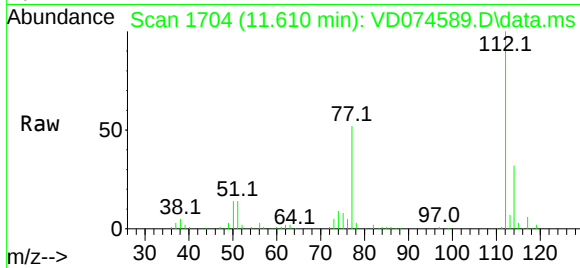




#65
Chlorobenzene
Concen: 51.923 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

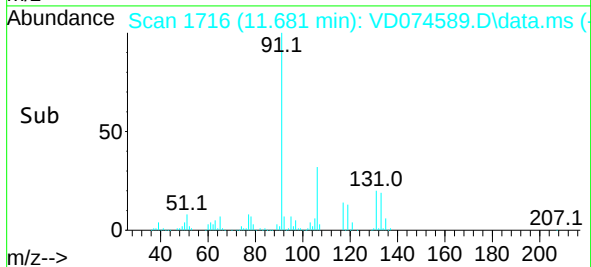
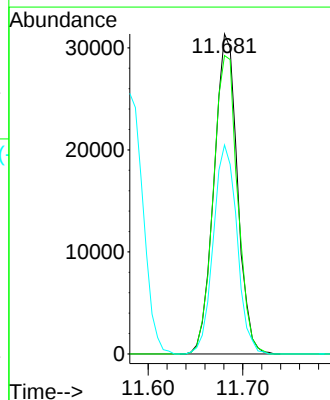
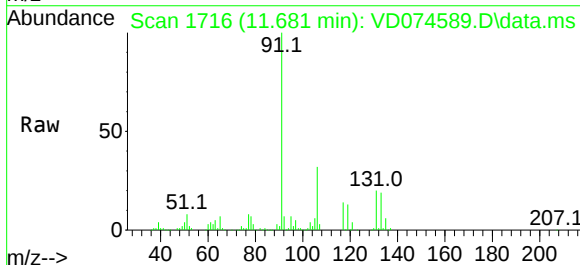
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

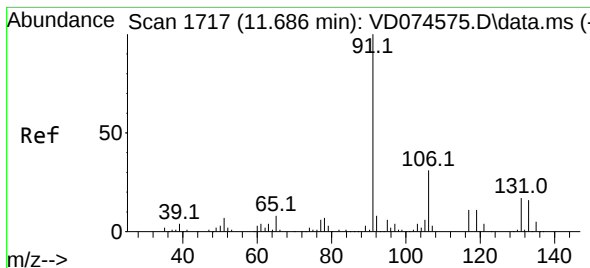
Tgt Ion:112 Resp: 150338
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.092 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:131 Resp: 53809
Ion Ratio Lower Upper
131 100
133 96.5 46.6 139.8
119 66.0 32.5 97.4





#67

Ethyl Benzene

Concen: 52.898 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

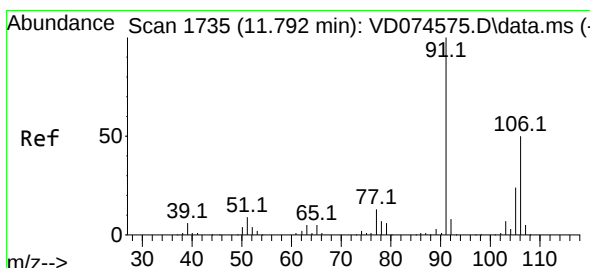
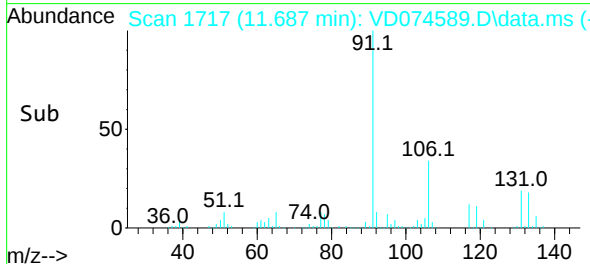
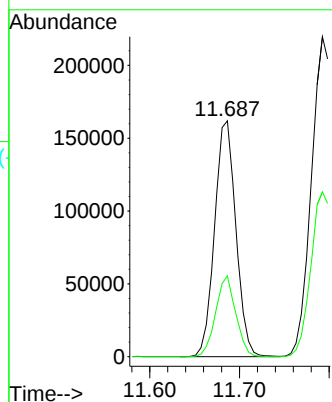
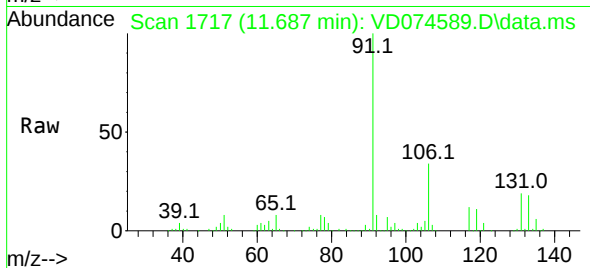
VSTDCCC050

Tgt Ion: 91 Resp: 266705

Ion Ratio Lower Upper

91 100

106 34.3 26.6 40.0



#68

m/p-Xylenes

Concen: 107.301 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD074589.D

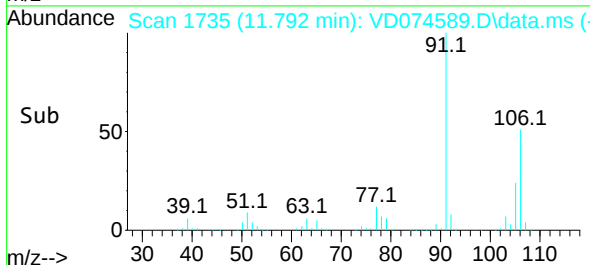
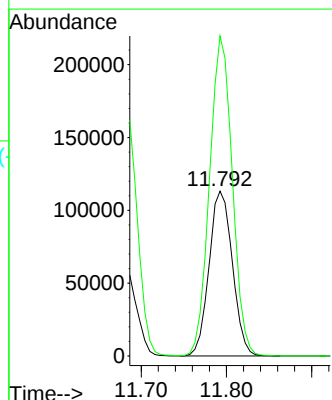
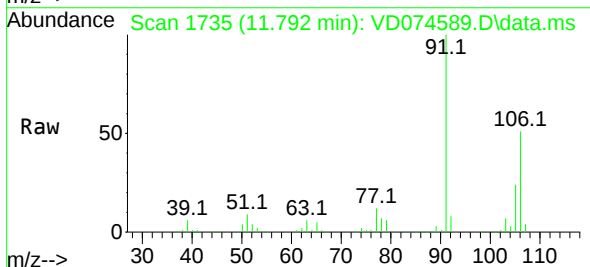
Acq: 20 Oct 2022 10:06

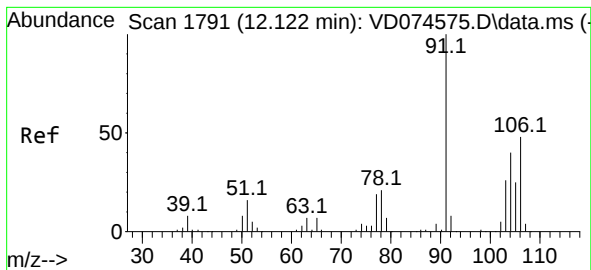
Tgt Ion:106 Resp: 215104

Ion Ratio Lower Upper

106 100

91 189.7 156.2 234.4





#69

o-Xylene

Concen: 53.588 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

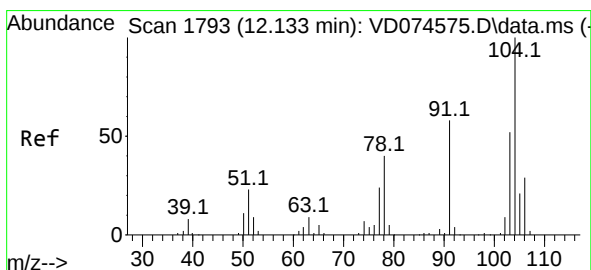
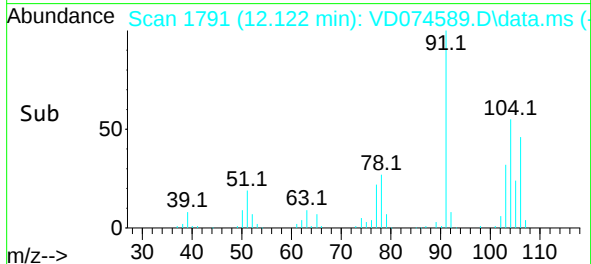
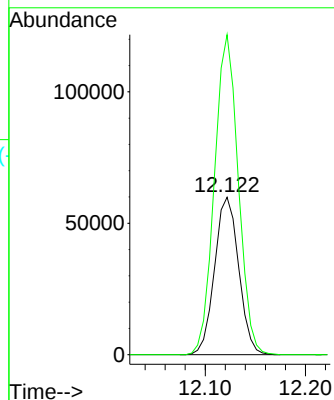
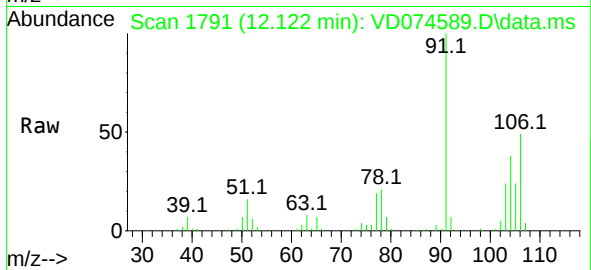
VSTDCCC050

Tgt Ion:106 Resp: 99979

Ion Ratio Lower Upper

106 100

91 200.9 104.5 313.3



#70

Styrene

Concen: 54.493 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

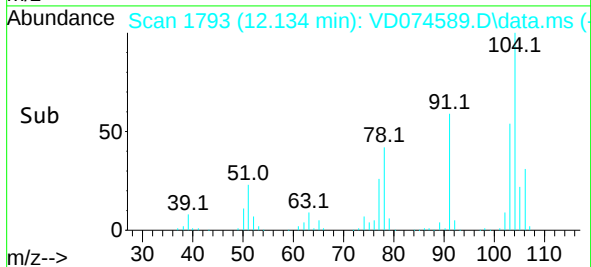
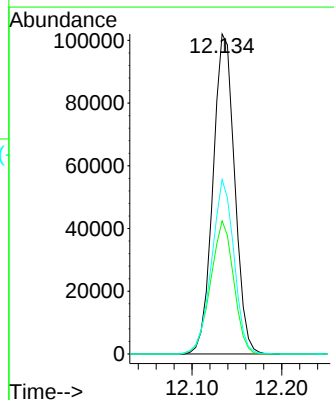
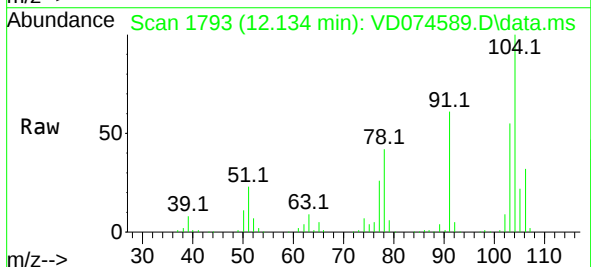
Tgt Ion:104 Resp: 171217

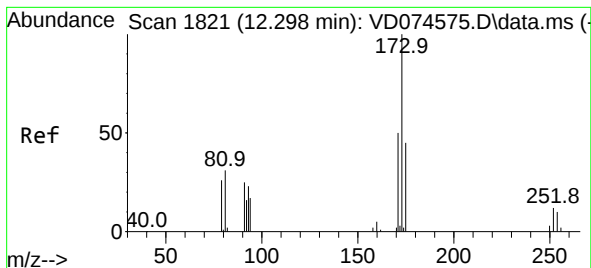
Ion Ratio Lower Upper

104 100

78 44.3 35.7 53.5

103 56.0 43.7 65.5





#71

Bromoform

Concen: 53.870 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.012 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

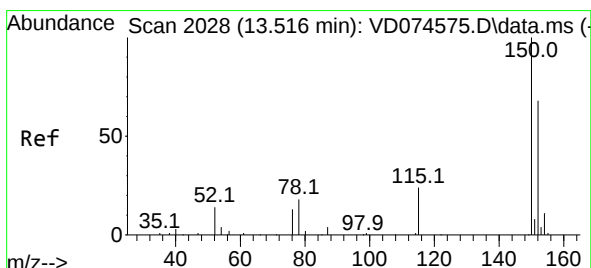
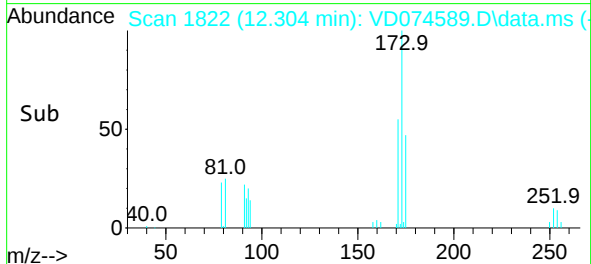
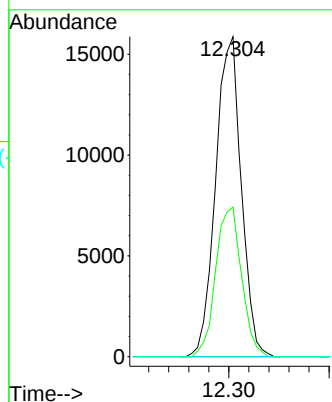
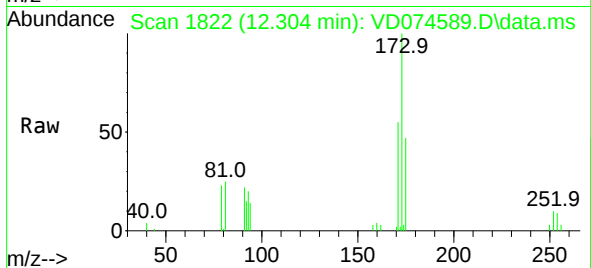
Tgt Ion:173 Resp: 28135

Ion Ratio Lower Upper

173 100

175 47.3 23.1 69.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

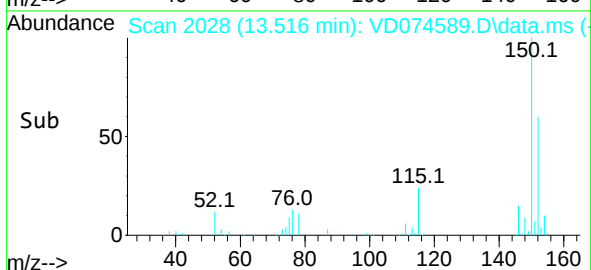
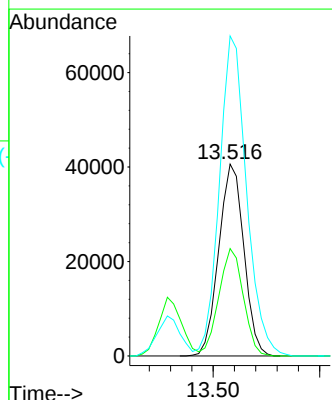
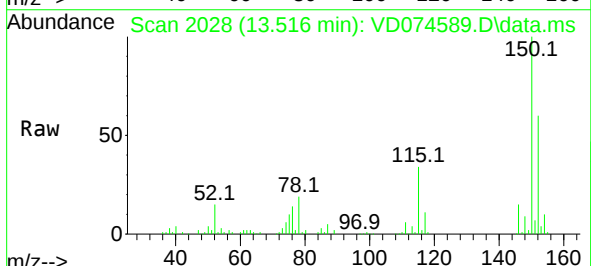
Tgt Ion:152 Resp: 66516

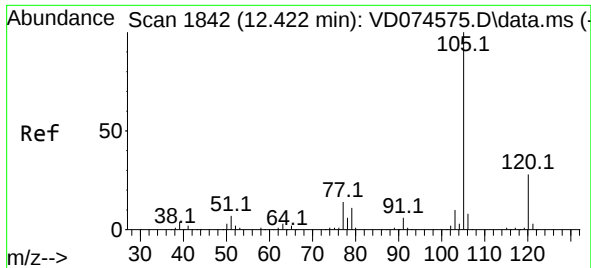
Ion Ratio Lower Upper

152 100

115 54.5 26.8 80.4

150 180.3 0.0 348.2

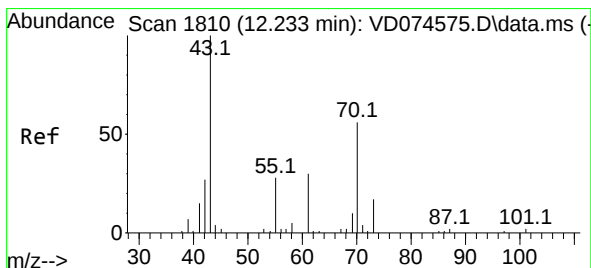
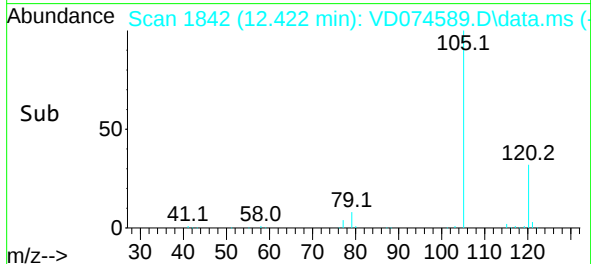
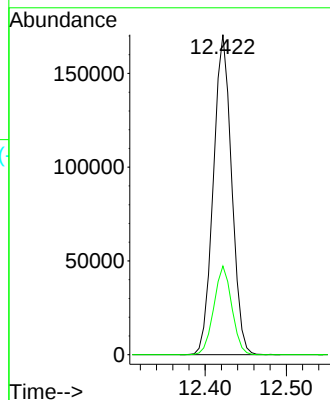
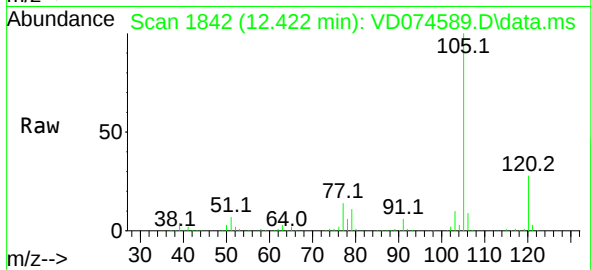




#73
Isopropylbenzene
Concen: 51.477 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

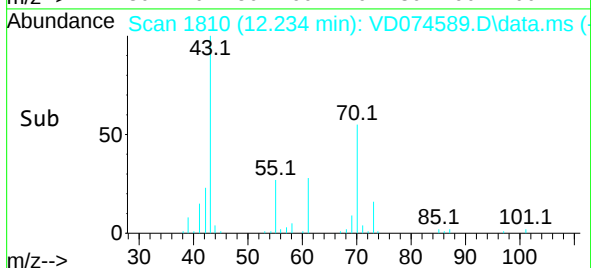
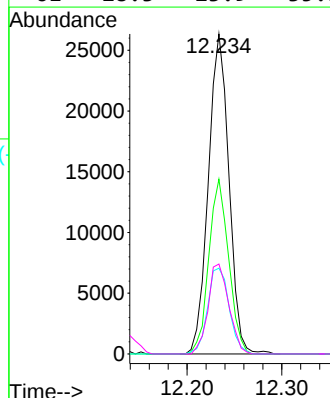
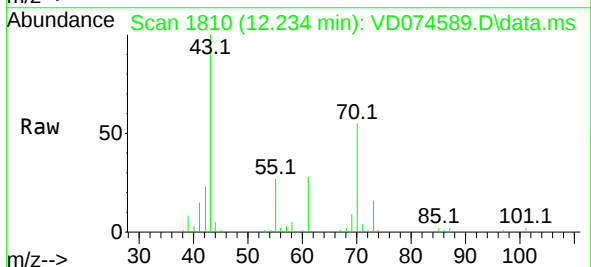
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

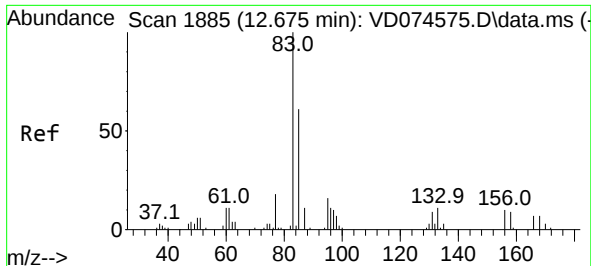
Tgt Ion:105 Resp: 267037
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 52.017 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 43 Resp: 39884
Ion Ratio Lower Upper
43 100
70 52.5 43.8 65.6
55 28.2 22.0 33.0
61 28.3 23.9 35.9

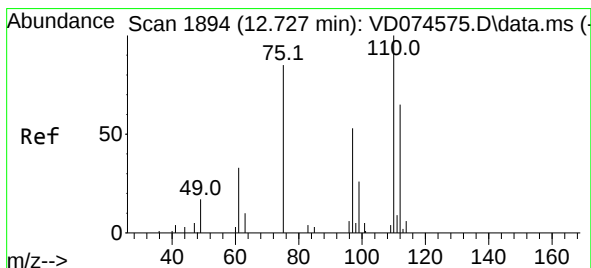
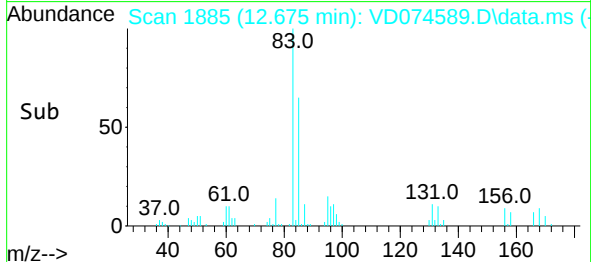
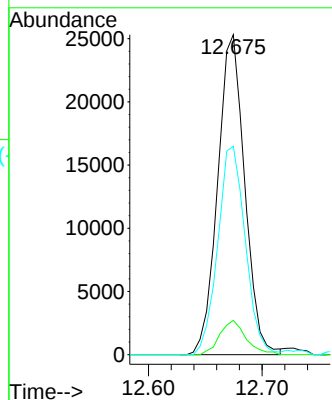
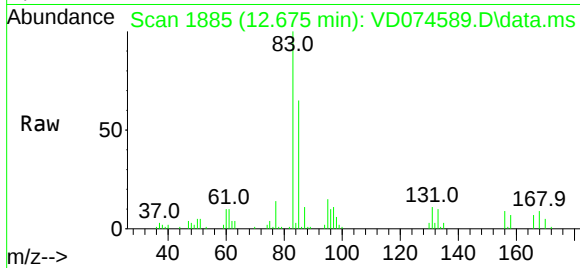




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.944 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

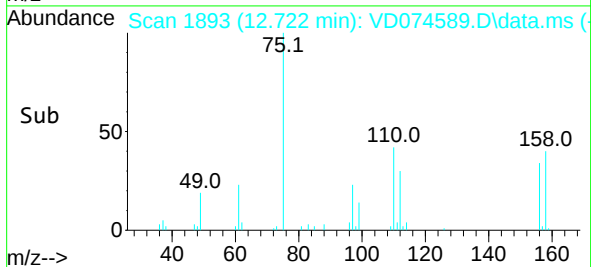
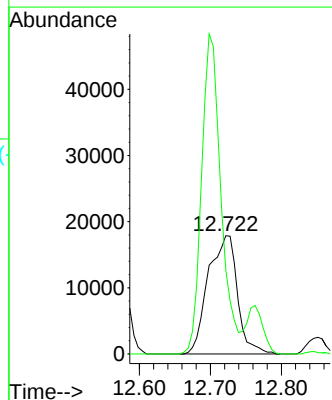
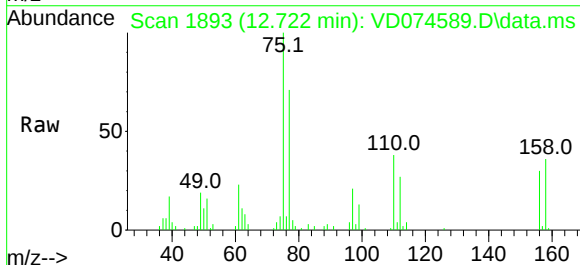
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

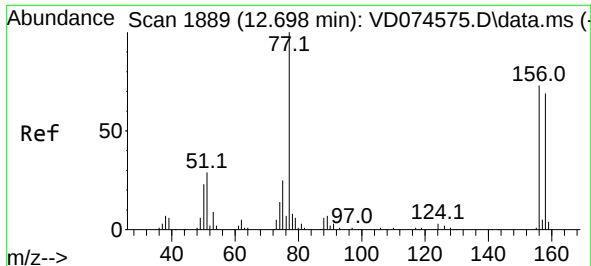
Tgt Ion: 83 Resp: 41836
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.7 14.1
 85 66.3 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 87.790 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion: 75 Resp: 50988
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

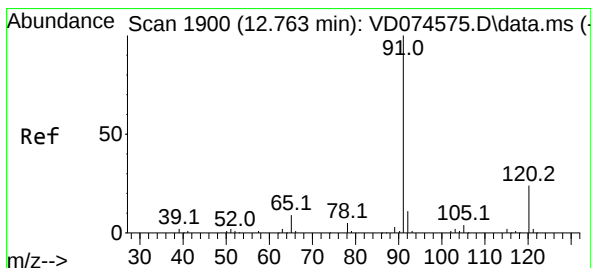
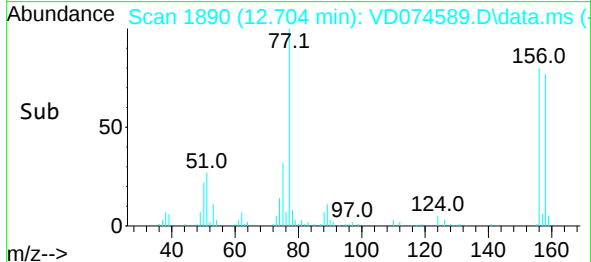
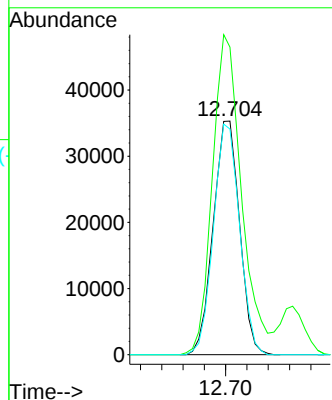
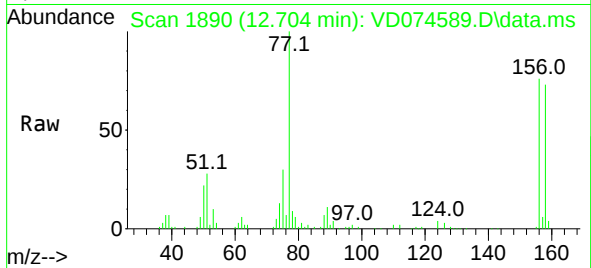




#77
Bromobenzene
Concen: 51.802 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

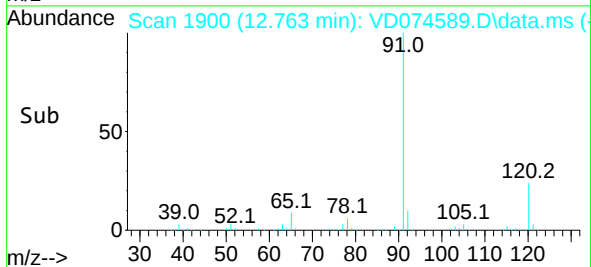
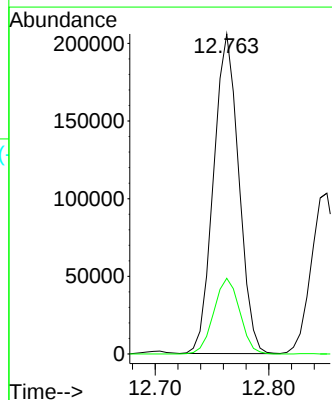
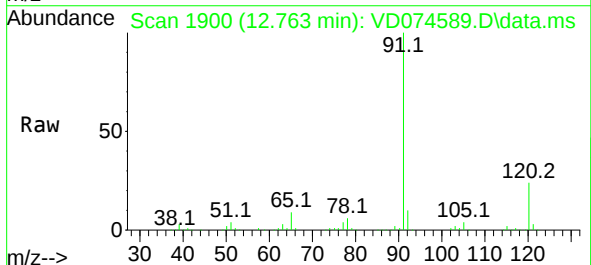
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

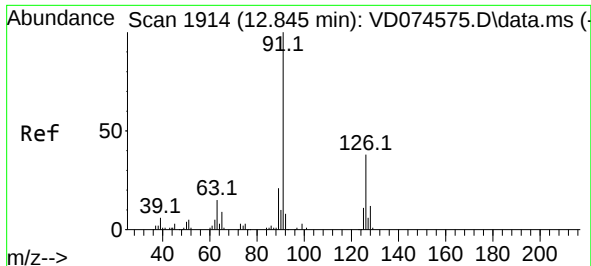
Tgt Ion:156 Resp: 60649
Ion Ratio Lower Upper
156 100
77 150.6 77.7 233.1
158 97.6 49.4 148.2



#78
n-propylbenzene
Concen: 51.900 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 91 Resp: 318180
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.7

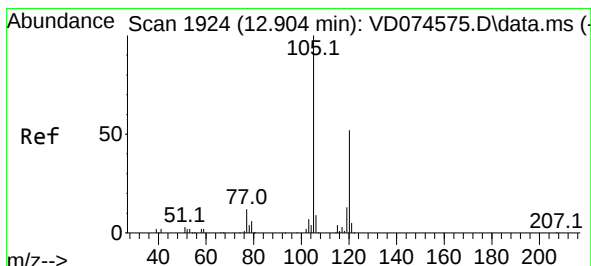
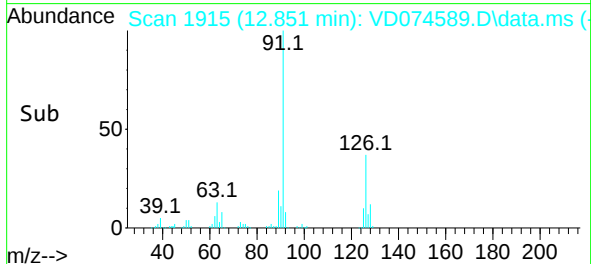
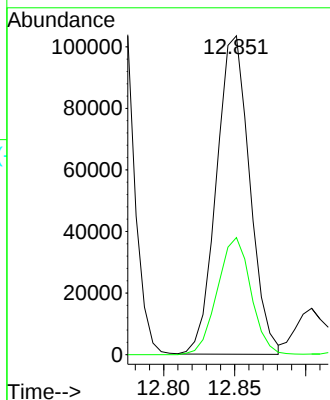
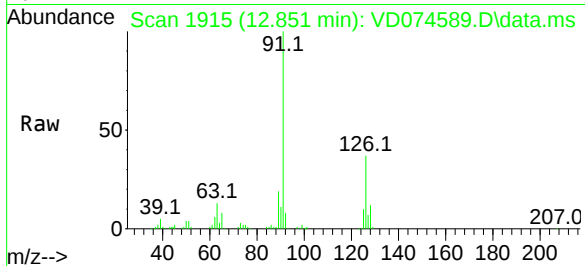




#79
2-Chlorotoluene
Concen: 50.723 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

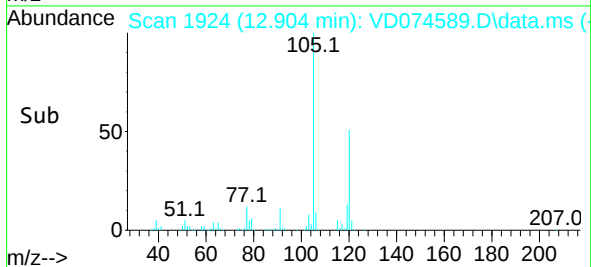
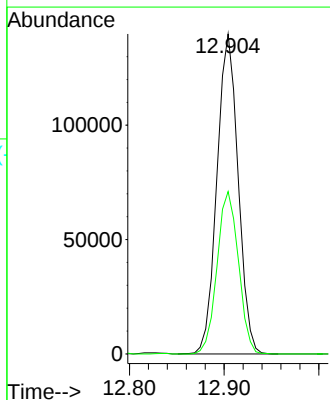
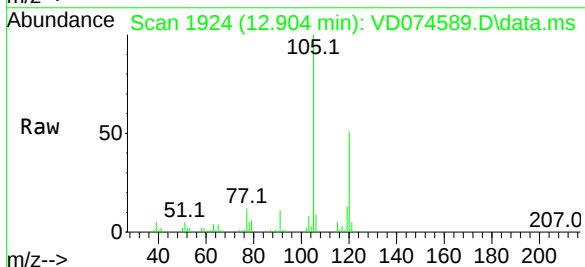
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

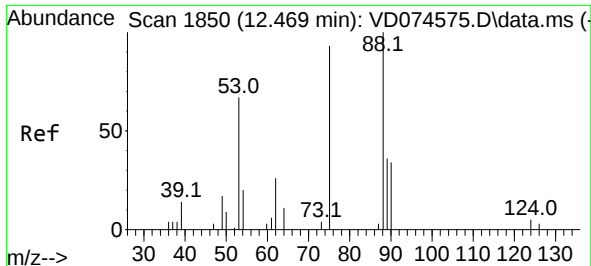
Tgt Ion: 91 Resp: 168465
Ion Ratio Lower Upper
91 100
126 37.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 51.654 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 105 Resp: 217517
Ion Ratio Lower Upper
105 100
120 51.2 25.7 77.0

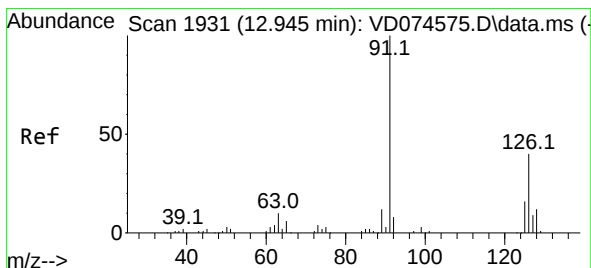
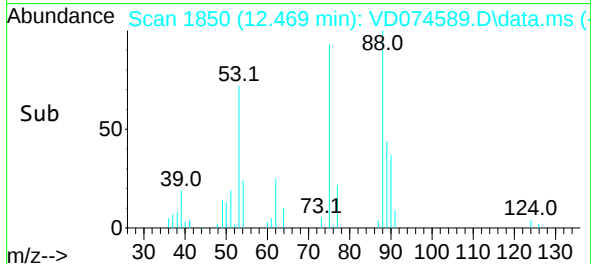
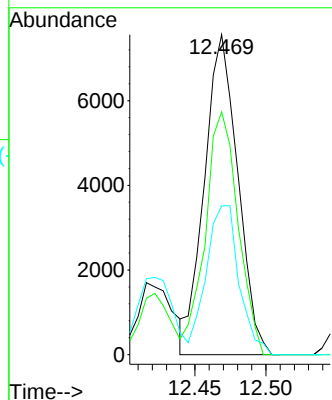
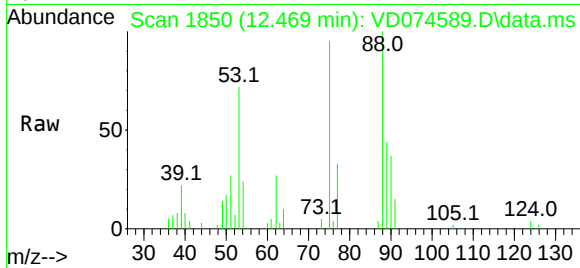




#81
trans-1,4-Dichloro-2-butene
Concen: 54.393 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

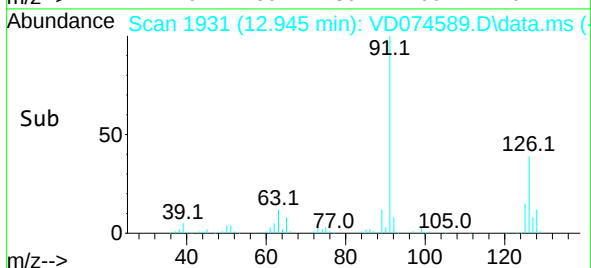
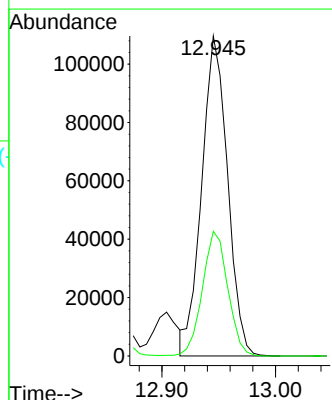
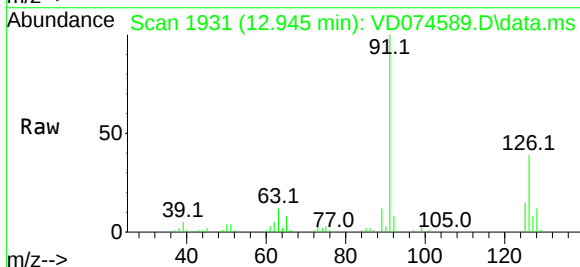
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

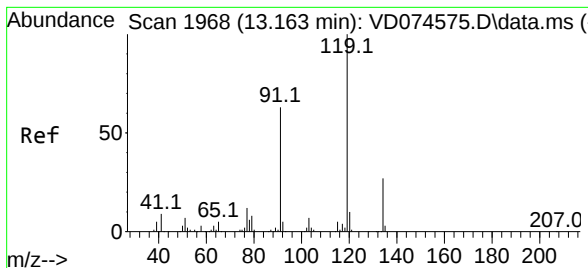
Tgt Ion: 75 Resp: 12362
Ion Ratio Lower Upper
75 100
53 74.3 63.8 95.6
89 45.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 50.665 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 91 Resp: 172879
Ion Ratio Lower Upper
91 100
126 38.4 18.8 56.4





#83

tert-Butylbenzene

Concen: 52.136 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

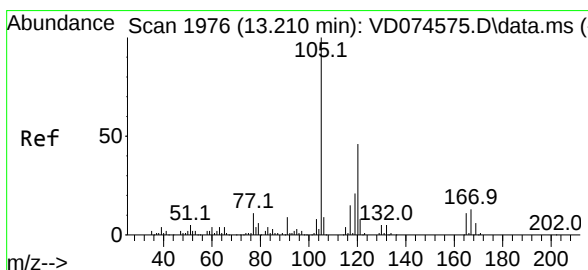
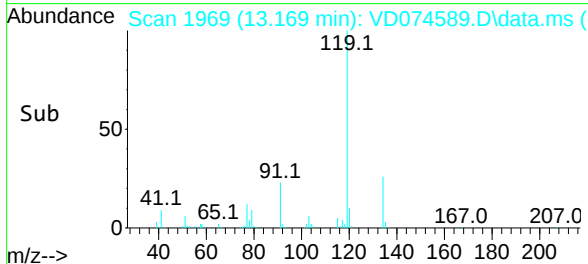
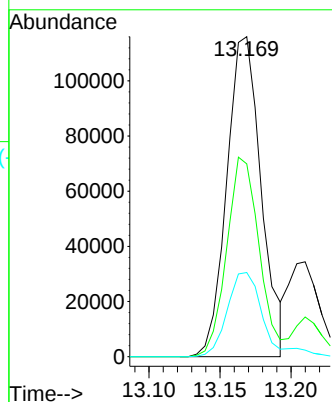
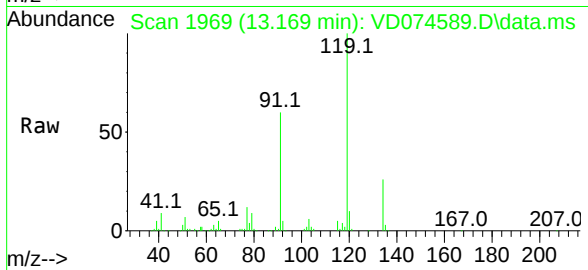
Tgt Ion:119 Resp: 195852

Ion Ratio Lower Upper

119 100

91 58.5 30.0 90.0

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.638 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD074589.D

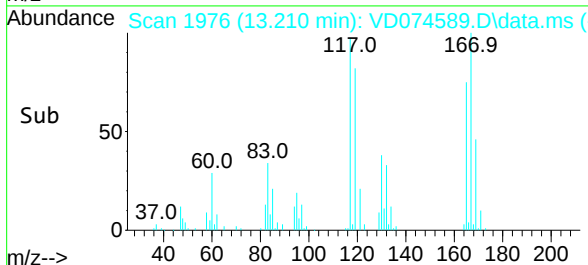
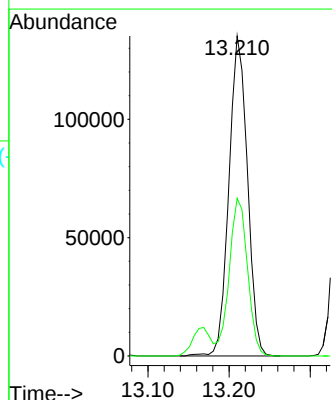
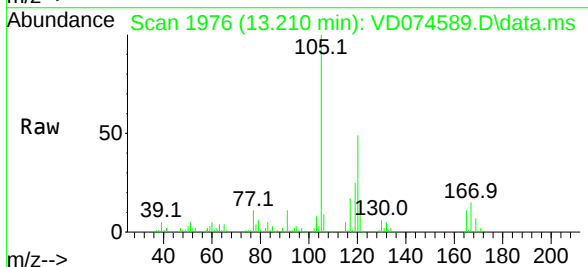
Acq: 20 Oct 2022 10:06

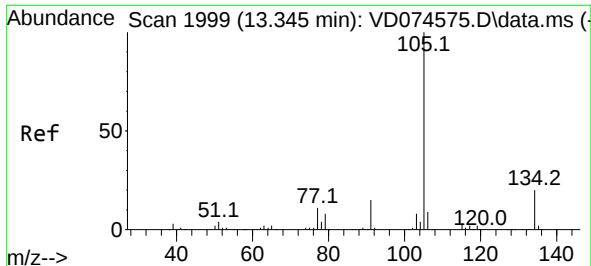
Tgt Ion:105 Resp: 213982

Ion Ratio Lower Upper

105 100

120 48.9 22.9 68.7

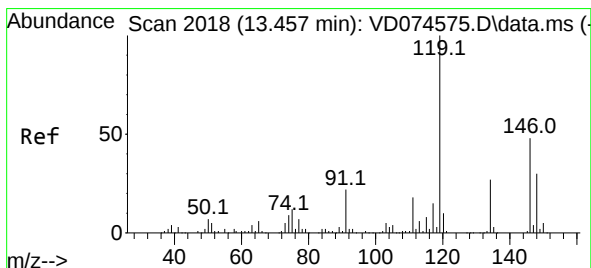
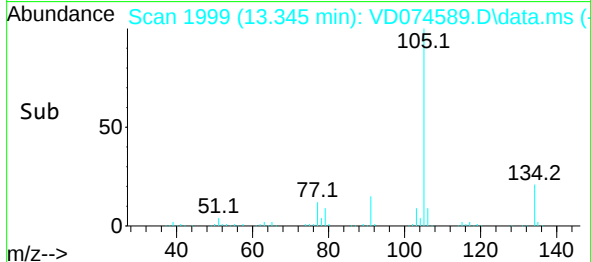
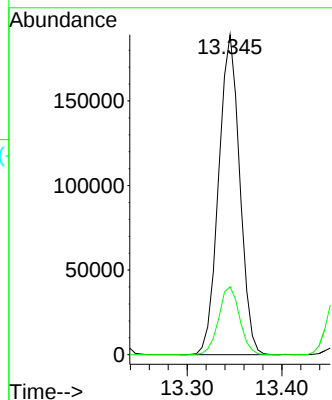
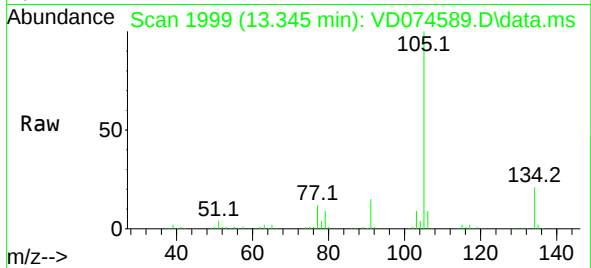




#85
 sec-Butylbenzene
 Concen: 51.875 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

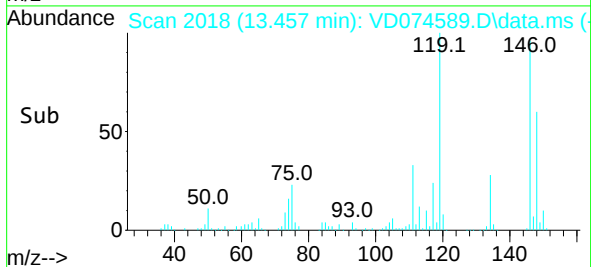
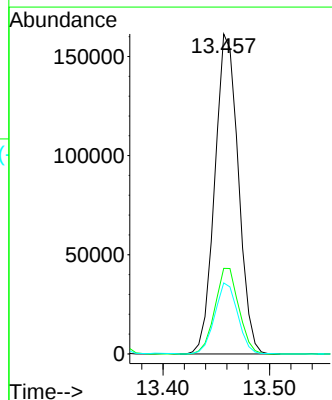
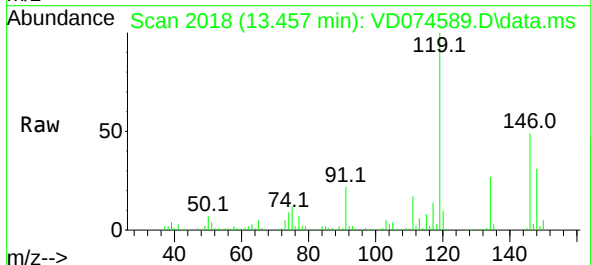
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

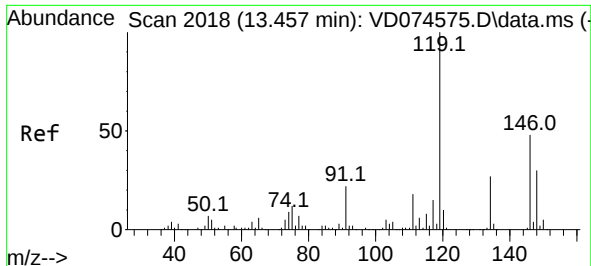
Tgt Ion:105 Resp: 292434
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.343 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion:119 Resp: 247194
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 21.8 10.8 32.4

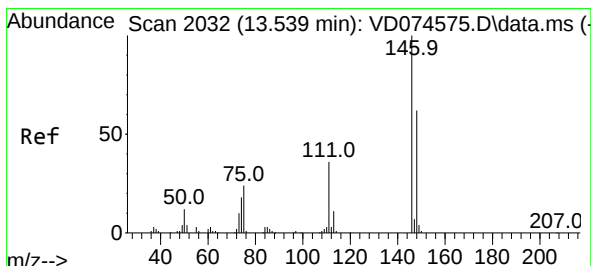
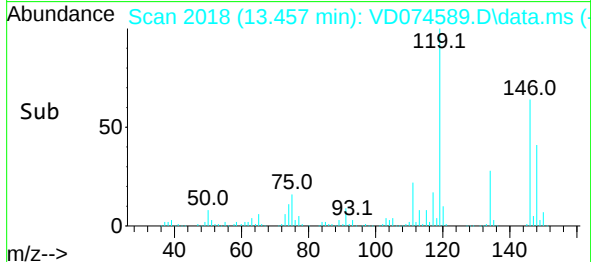
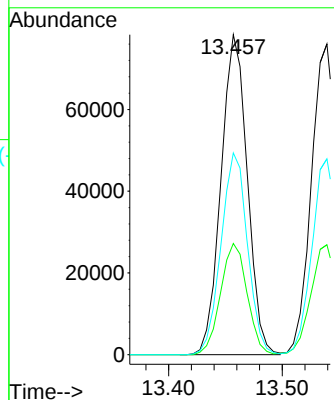
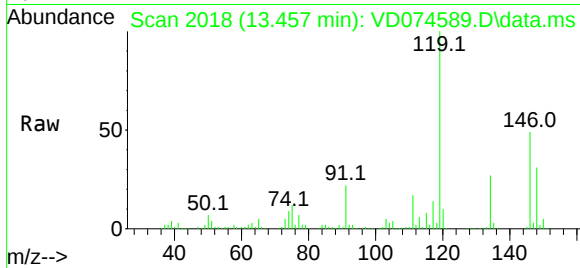




#87
1,3-Dichlorobenzene
Concen: 51.733 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

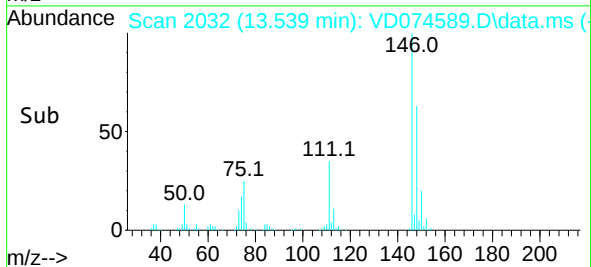
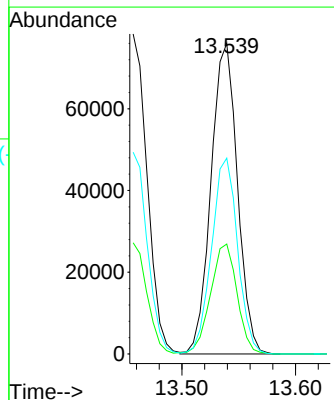
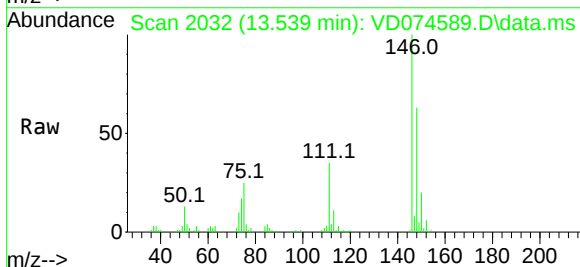
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

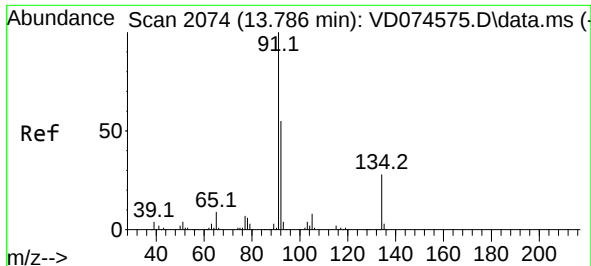
Tgt Ion:146 Resp: 125865
Ion Ratio Lower Upper
146 100
111 35.1 18.3 54.8
148 63.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 51.595 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:146 Resp: 122887
Ion Ratio Lower Upper
146 100
111 35.6 17.7 53.1
148 62.2 32.3 96.9

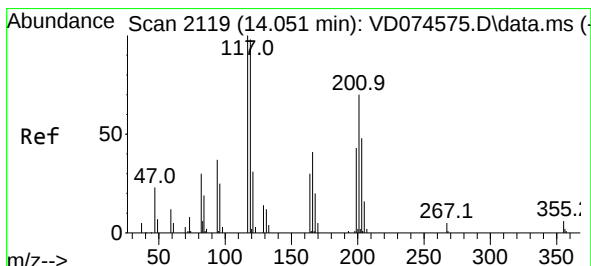
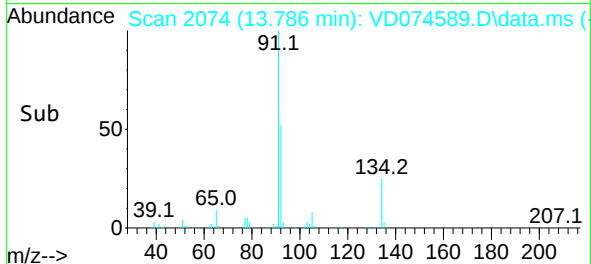
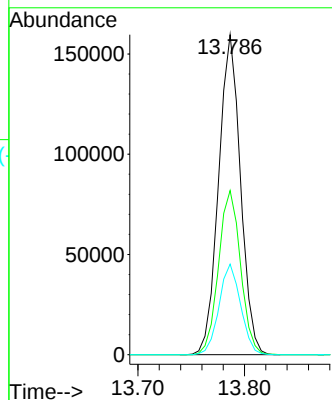
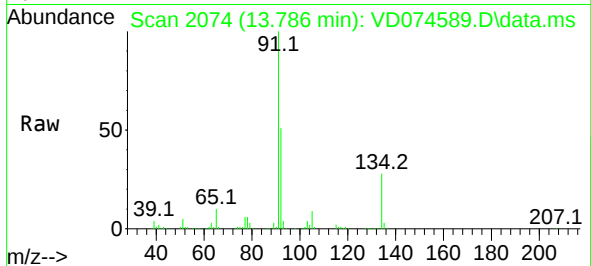




#89
n-Butylbenzene
Concen: 52.855 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

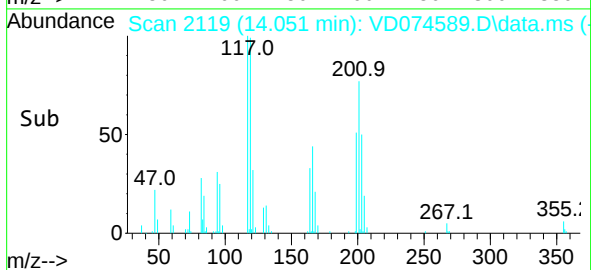
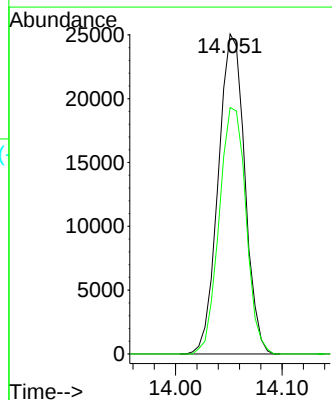
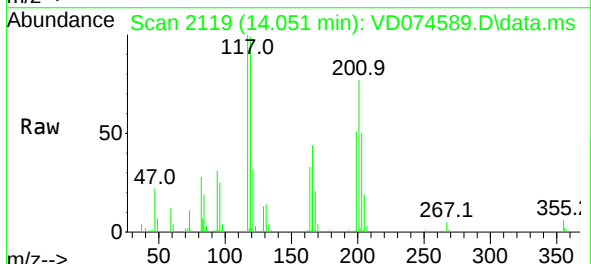
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

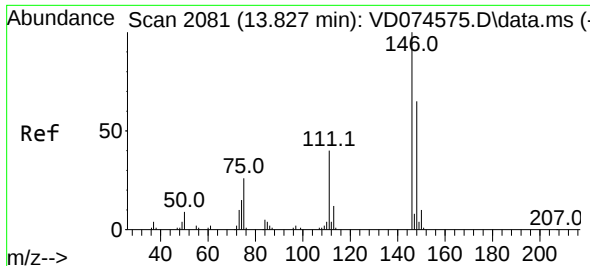
Tgt Ion: 91 Resp: 227412
Ion Ratio Lower Upper
91 100
92 51.6 26.9 80.7
134 28.0 13.4 40.2



#90
Hexachloroethane
Concen: 52.680 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion: 117 Resp: 43303
Ion Ratio Lower Upper
117 100
201 77.8 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 53.408 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

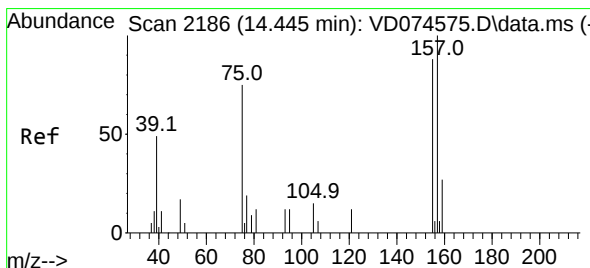
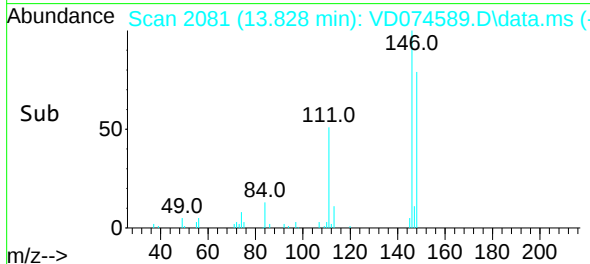
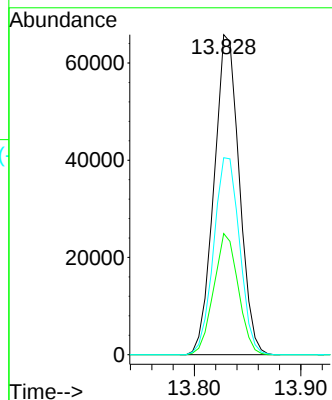
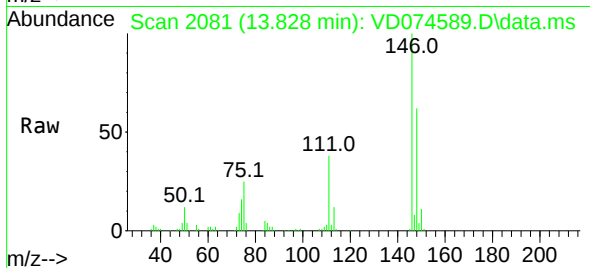
Tgt Ion:146 Resp: 108392

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.5

148 63.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.086 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074589.D

Acq: 20 Oct 2022 10:06

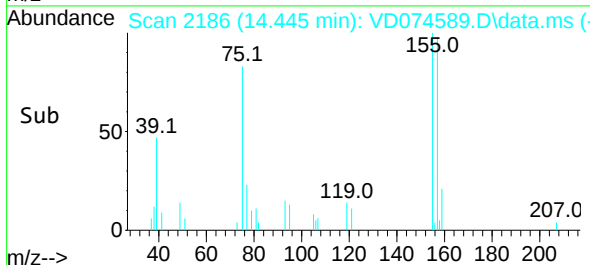
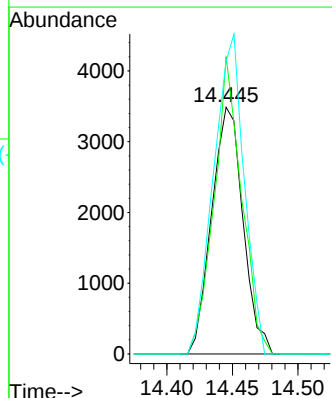
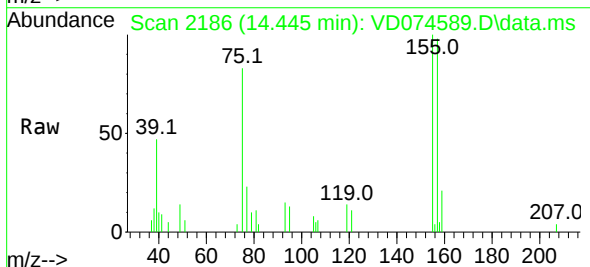
Tgt Ion: 75 Resp: 5802

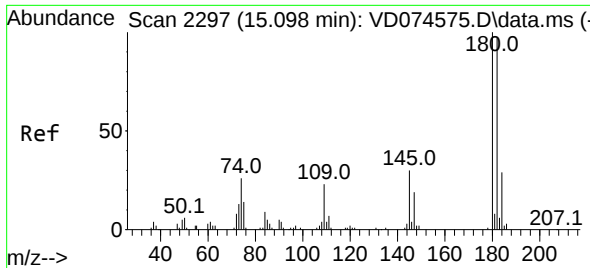
Ion Ratio Lower Upper

75 100

155 105.7 51.2 153.8

157 126.1 68.2 204.5

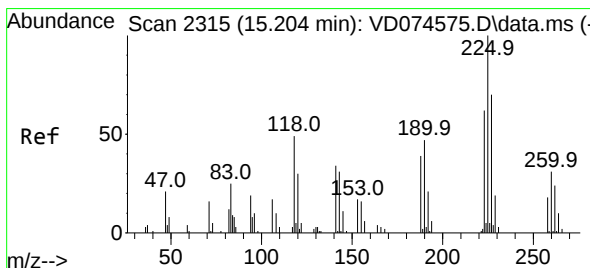
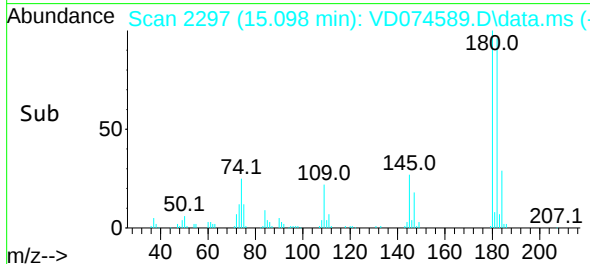
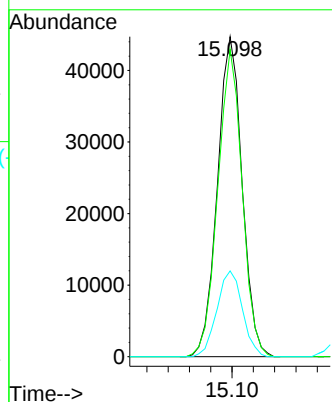
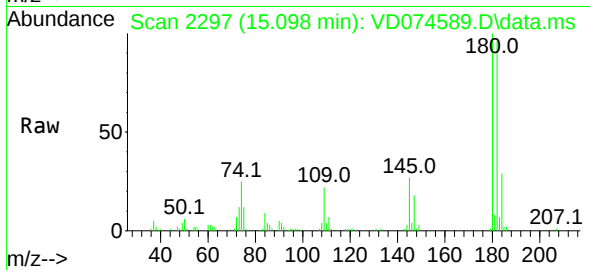




#93
 1,2,4-Trichlorobenzene
 Concen: 53.685 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

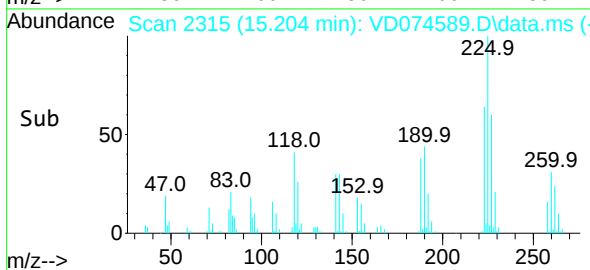
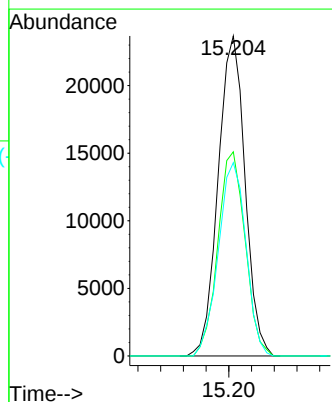
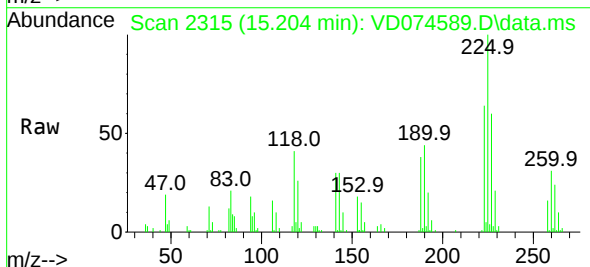
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

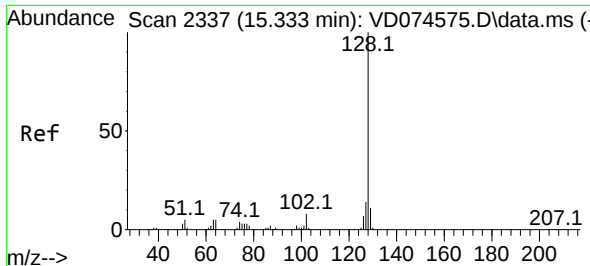
Tgt Ion:180 Resp: 71874
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.6
 145 27.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 52.810 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD074589.D
 Acq: 20 Oct 2022 10:06

Tgt Ion:225 Resp: 38896
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.9 95.5
 227 62.1 32.6 97.8

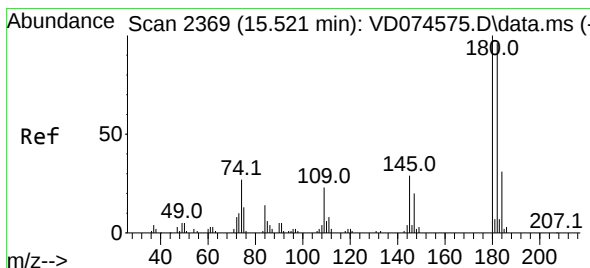
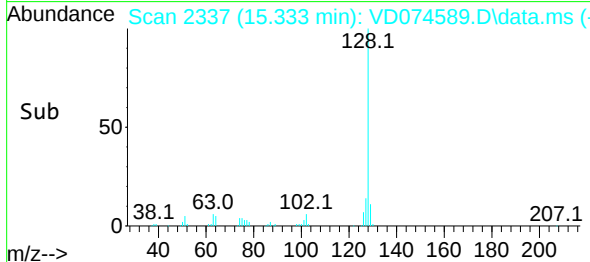
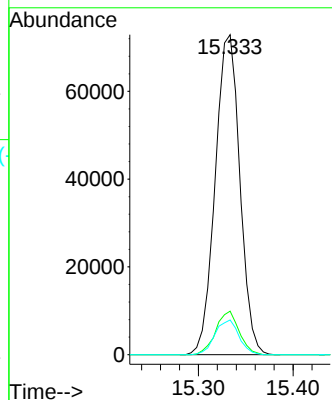
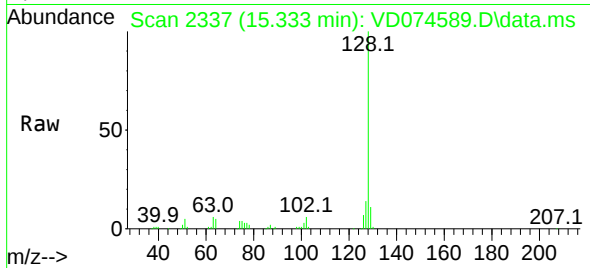




#95
Naphthalene
Concen: 52.348 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 131930
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 54.061 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074589.D
Acq: 20 Oct 2022 10:06

Tgt Ion:180 Resp: 62043
Ion Ratio Lower Upper
180 100
182 93.9 46.7 140.1
145 30.2 14.9 44.7

