

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075613.D
 Acq On : 10 Apr 2023 18:23
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 12 09:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	220180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	374516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	410348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	208229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90780	50.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.804	113	113780	51.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.269	98	450902	52.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.574	95	151350	59.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	76792	49.367	ug/l	92
3) Chloromethane	2.146	50	132559	49.005	ug/l	98
4) Vinyl Chloride	2.281	62	195973	51.750	ug/l	99
5) Bromomethane	2.693	94	151090	50.103	ug/l	97
6) Chloroethane	2.840	64	132883	50.023	ug/l	96
7) Trichlorofluoromethane	3.175	101	160126	49.568	ug/l	97
8) Diethyl Ether	3.593	74	50111	50.223	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.963	101	105688	49.703	ug/l	96
10) Methyl Iodide	4.169	142	132845	52.251	ug/l	92
11) Tert butyl alcohol	5.063	59	20212	236.693	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	101899	49.926	ug/l	86
13) Acrolein	3.798	56	28817	239.660	ug/l	95
14) Allyl chloride	4.563	41	91381	49.610	ug/l #	81
15) Acrylonitrile	5.257	53	97334	254.568	ug/l	96
16) Acetone	4.022	43	82319	250.120	ug/l #	75
17) Carbon Disulfide	4.275	76	266712	50.489	ug/l	98
18) Methyl Acetate	4.569	43	49609	49.944	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	222165	51.503	ug/l	99
20) Methylene Chloride	4.804	84	148068	53.981	ug/l #	73
21) trans-1,2-Dichloroethene	5.316	96	122201	50.724	ug/l #	76
22) Diisopropyl ether	6.222	45	234714	51.945	ug/l #	87
23) Vinyl Acetate	6.157	43	575777m	271.498	ug/l	
24) 1,1-Dichloroethane	6.110	63	188830	50.606	ug/l	97
25) 2-Butanone	7.081	43	105975	248.115	ug/l #	64
26) 2,2-Dichloropropane	7.081	77	171475	50.095	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	144083	50.795	ug/l	81
28) Bromochloromethane	7.428	49	62816	49.270	ug/l #	43
29) Tetrahydrofuran	7.445	42	58592	259.046	ug/l #	53
30) Chloroform	7.598	83	216395	50.978	ug/l	97
31) Cyclohexane	7.875	56	126429	48.111	ug/l #	80
32) 1,1,1-Trichloroethane	7.792	97	180918	51.213	ug/l	94
36) 1,1-Dichloropropene	8.010	75	152908	54.549	ug/l	94
37) Ethyl Acetate	7.169	43	44059	52.279	ug/l #	79
38) Carbon Tetrachloride	7.992	117	143050	53.215	ug/l	98
39) Methylcyclohexane	9.275	83	175894	52.697	ug/l #	88
40) Benzene	8.251	78	483551	53.535	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	23887m	51.755	ug/l	
42) 1,2-Dichloroethane	8.328	62	111424	53.093	ug/l	90
43) Isopropyl Acetate	8.357	43	85063	52.873	ug/l #	76
44) Trichloroethene	9.028	130	133296	50.383	ug/l	96
45) 1,2-Dichloropropane	9.304	63	109644	52.036	ug/l	90
46) Dibromomethane	9.392	93	69470	53.101	ug/l	95
47) Bromodichloromethane	9.586	83	163329	51.625	ug/l	99
48) Methyl methacrylate	9.381	41	36663	50.286	ug/l #	55
49) 1,4-Dioxane	9.386	88	12497	1053.773	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	225582	260.469	ug/l #	77
52) Toluene	10.333	92	322856	52.923	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	150810	52.589	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	182650	52.383	ug/l #	75
55) 1,1,2-Trichloroethane	10.733	97	99871	51.767	ug/l	95
56) Ethyl methacrylate	10.598	69	100187	53.877	ug/l #	65
57) 1,3-Dichloropropane	10.880	76	151045	51.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	229118	254.838	ug/l #	87
59) 2-Hexanone	10.922	43	161831	265.240	ug/l	71
60) Dibromochloromethane	11.075	129	117380	50.958	ug/l	98
61) 1,2-Dibromoethane	11.180	107	103187	55.961	ug/l	96
64) Tetrachloroethene	10.810	164	110966	44.960	ug/l	97
65) Chlorobenzene	11.610	112	405244	50.876	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	145172	51.538	ug/l	95
67) Ethyl Benzene	11.686	91	671221	51.074	ug/l	93
68) m/p-Xylenes	11.792	106	555466	102.617	ug/l	88
69) o-Xylene	12.122	106	268499	55.100	ug/l	89
70) Styrene	12.139	104	464094	55.533	ug/l	93
71) Bromoform	12.298	173	81821	56.199	ug/l #	98
73) Isopropylbenzene	12.422	105	672110	52.014	ug/l	97
74) N-amyl acetate	12.233	43	91382	50.424	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.674	83	119152	49.298	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	62411m	38.298	ug/l	
77) Bromobenzene	12.704	156	174054	53.365	ug/l	84
78) n-propylbenzene	12.763	91	800667	51.536	ug/l	95
79) 2-Chlorotoluene	12.851	91	433608	50.462	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	555190	52.462	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	35921	50.518	ug/l #	70
82) 4-Chlorotoluene	12.945	91	451098	50.608	ug/l	90
83) tert-Butylbenzene	13.169	119	485699	52.859	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	555393	51.970	ug/l	93
85) sec-Butylbenzene	13.345	105	721943	51.414	ug/l	96
86) p-Isopropyltoluene	13.463	119	611417	51.799	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	350352	51.441	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	342590	50.861	ug/l	96
89) n-Butylbenzene	13.786	91	535867	49.933	ug/l	97
90) Hexachloroethane	14.051	117	100049	44.810	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	298398	50.828	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12909	42.697	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	138978	44.634	ug/l	98
94) Hexachlorobutadiene	15.204	225	64836	43.959	ug/l	99
95) Naphthalene	15.333	128	270065	45.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	121561	44.063	ug/l	97

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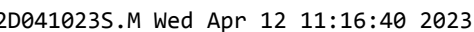
Instrument :
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ClientSampleId :
VSTDICCC050

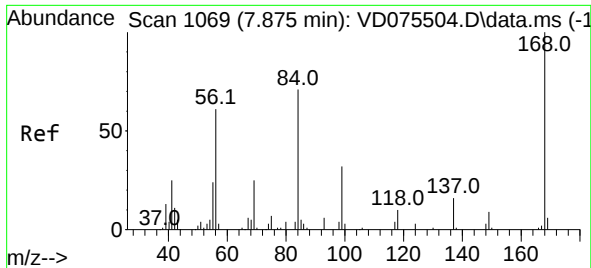
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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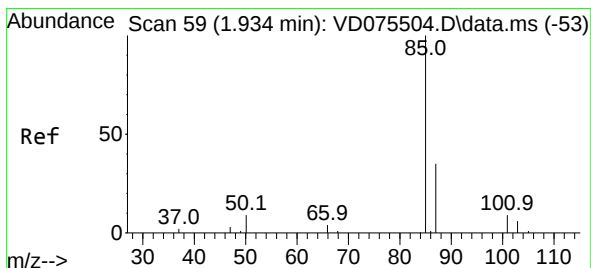
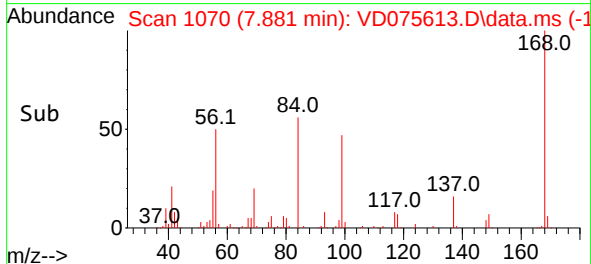
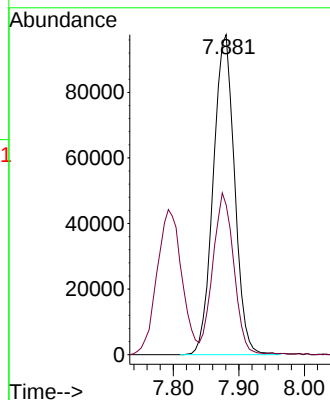
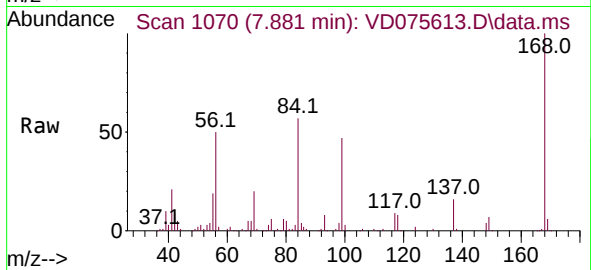




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

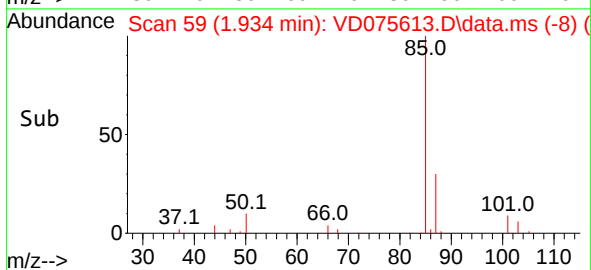
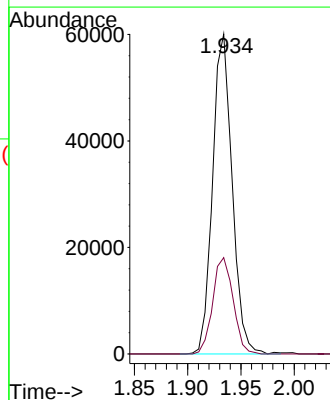
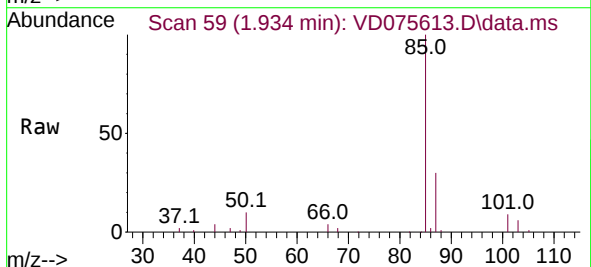
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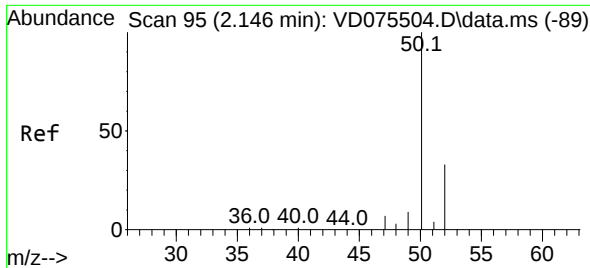
Tgt Ion:168 Resp: 220180
Ion Ratio Lower Upper
168 100
99 46.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 49.367 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 85 Resp: 76792
Ion Ratio Lower Upper
85 100
87 30.1 17.3 51.7

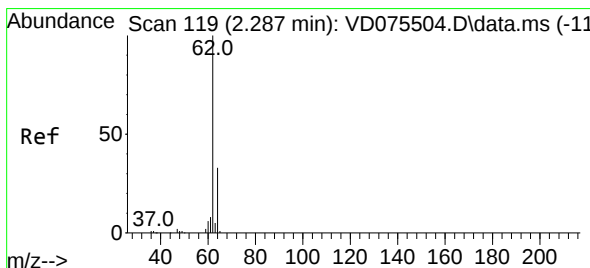
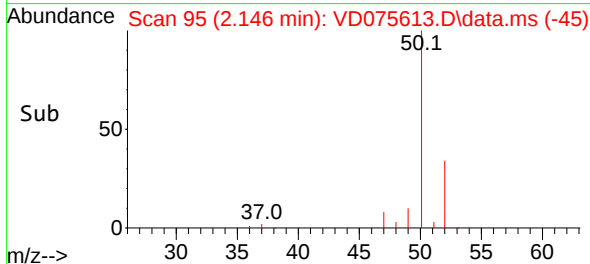
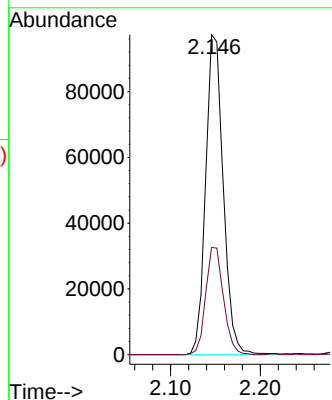
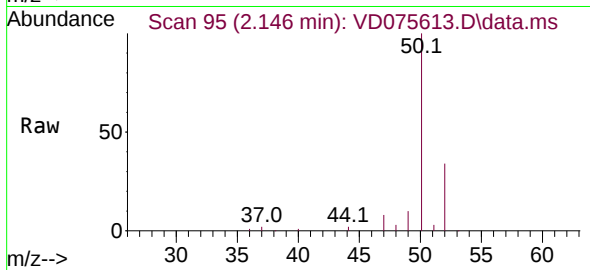




#3
Chloromethane
Concen: 49.005 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

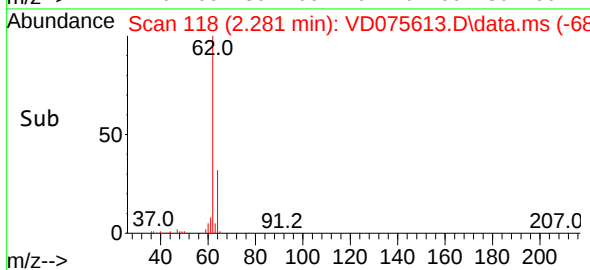
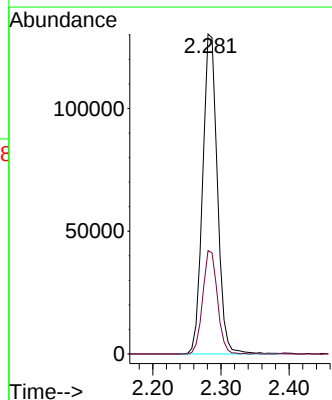
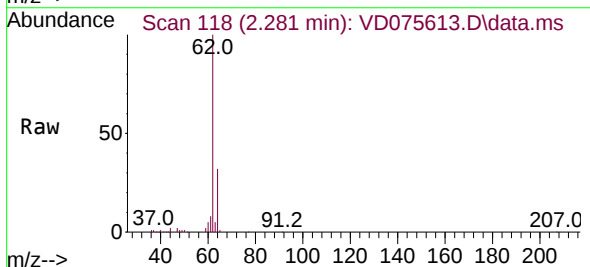
Instrument :
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ClientSampleId :
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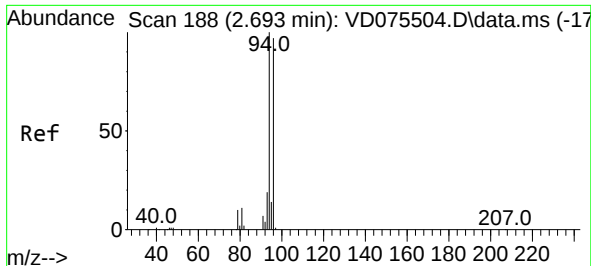
Tgt Ion: 50 Resp: 132559
Ion Ratio Lower Upper
50 100
52 33.5 27.8 41.8



#4
Vinyl Chloride
Concen: 51.750 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 62 Resp: 195973
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

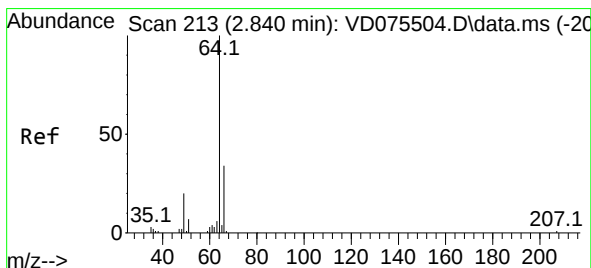
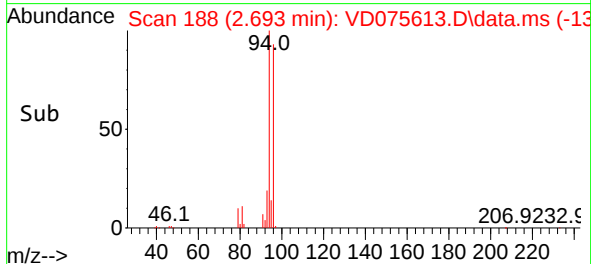
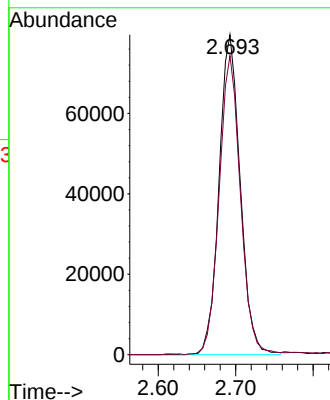
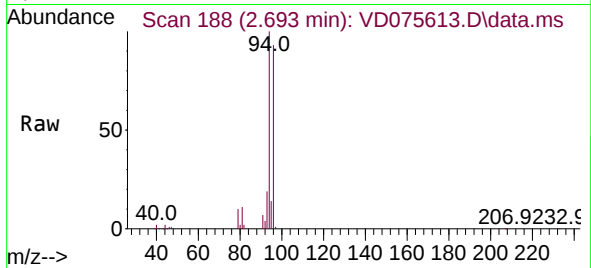




#5
Bromomethane
Concen: 50.103 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

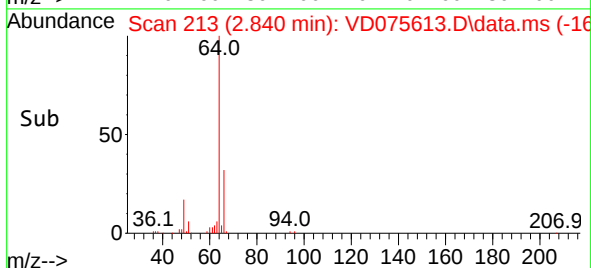
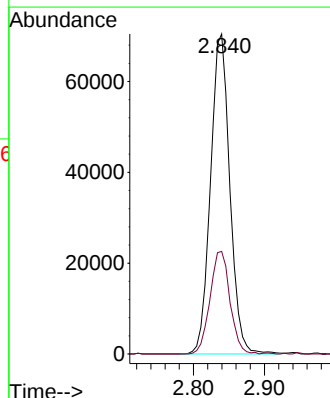
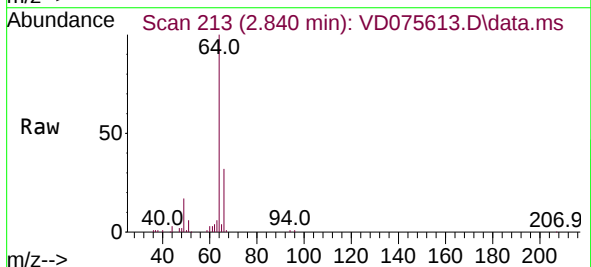
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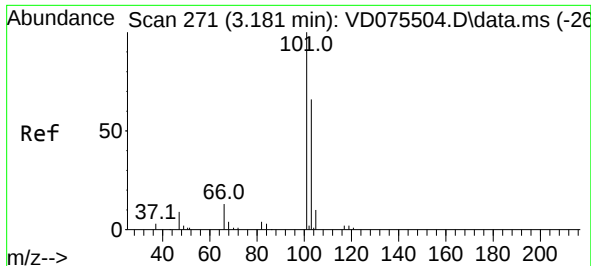
Tgt Ion: 94 Resp: 151090
Ion Ratio Lower Upper
94 100
96 94.2 77.5 116.3



#6
Chloroethane
Concen: 50.023 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 64 Resp: 132883
Ion Ratio Lower Upper
64 100
66 32.1 27.7 41.5

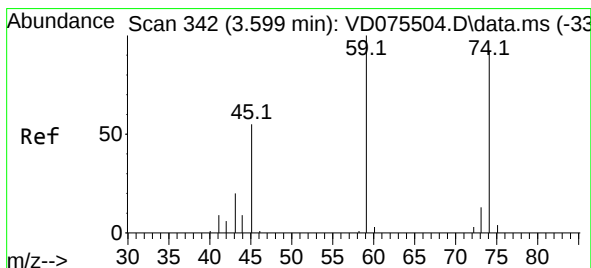
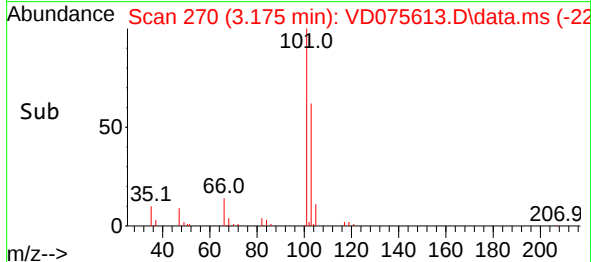
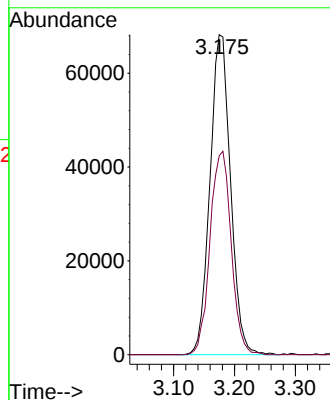
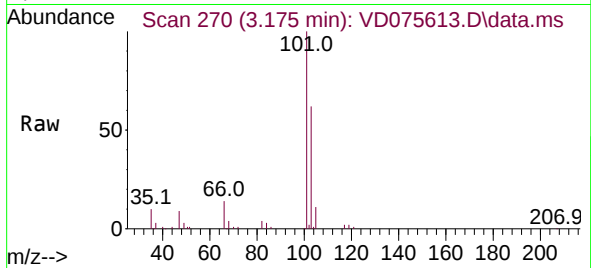




#7
Trichlorofluoromethane
Concen: 49.568 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

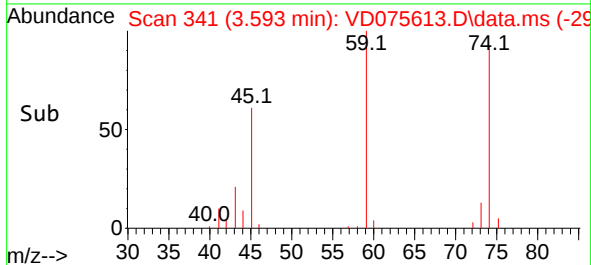
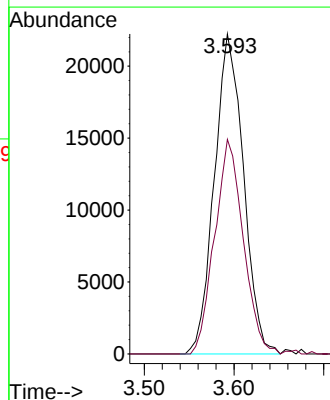
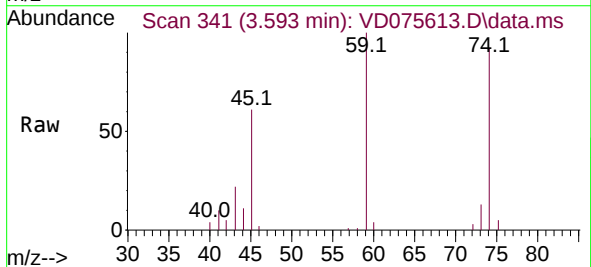
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

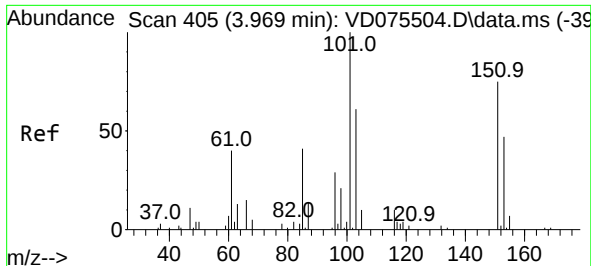
Tgt Ion:101 Resp: 160126
Ion Ratio Lower Upper
101 100
103 62.1 51.9 77.9



#8
Diethyl Ether
Concen: 50.223 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 74 Resp: 50111
Ion Ratio Lower Upper
74 100
45 65.9 50.9 152.7

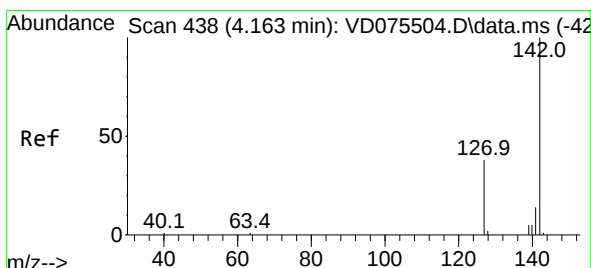
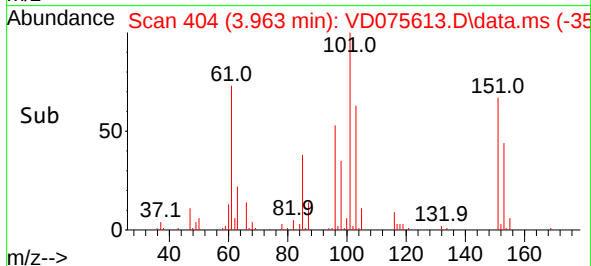
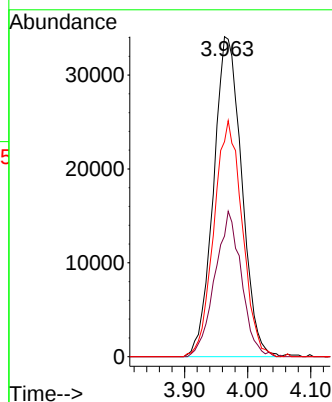
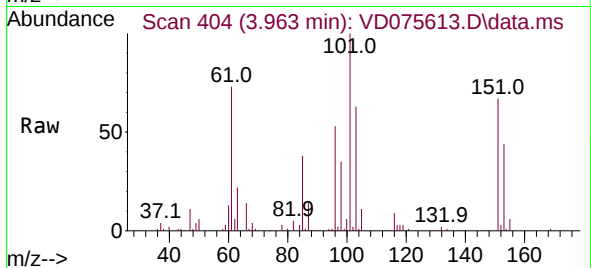




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.703 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

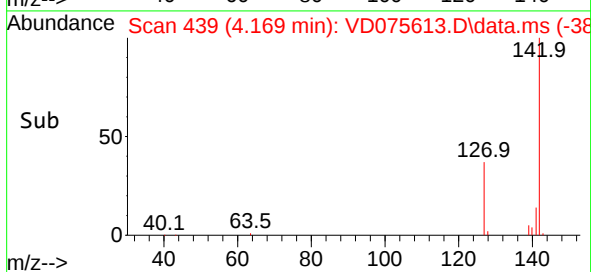
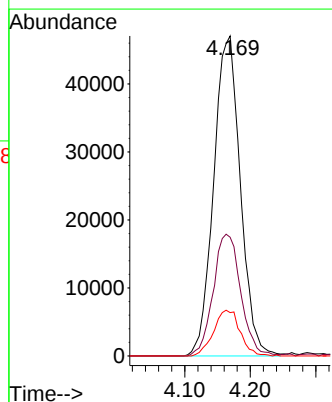
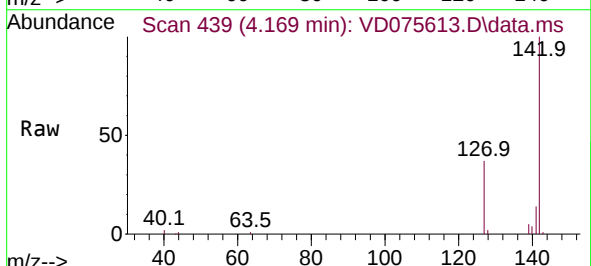
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

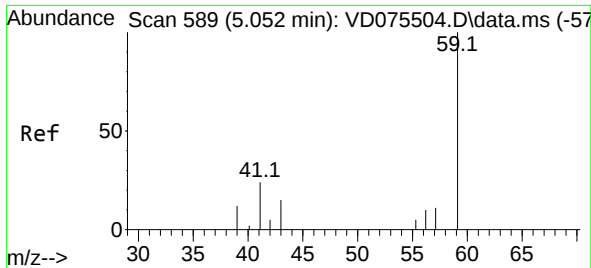
Tgt Ion:101 Resp: 105688
Ion Ratio Lower Upper
101 100
85 42.7 38.3 57.5
151 74.0 60.4 90.6



#10
Methyl Iodide
Concen: 52.251 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:142 Resp: 132845
Ion Ratio Lower Upper
142 100
127 39.3 37.1 55.7
141 14.2 11.3 16.9

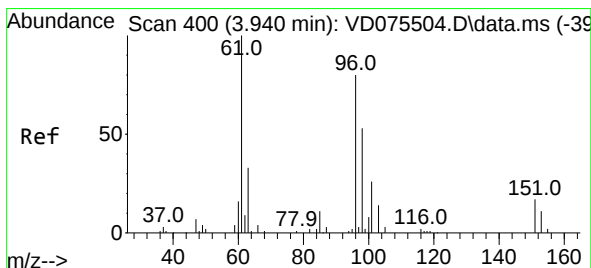
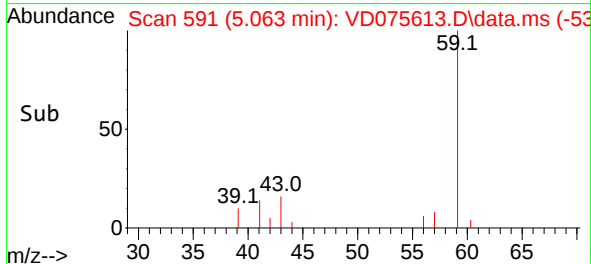
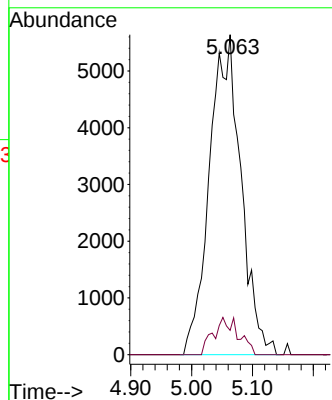
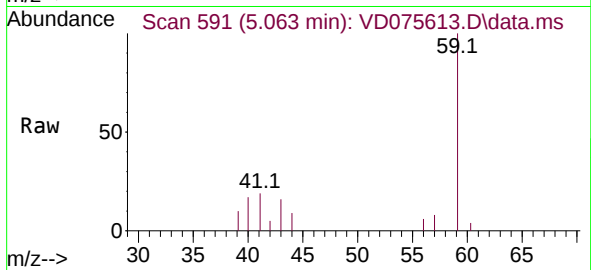




#11
Tert butyl alcohol
Concen: 236.693 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

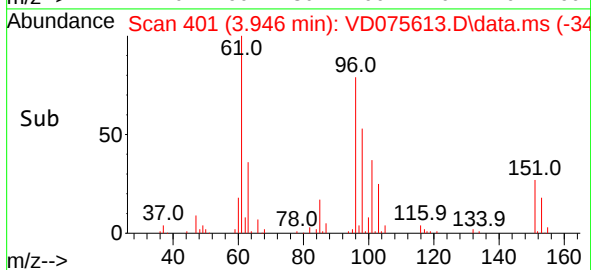
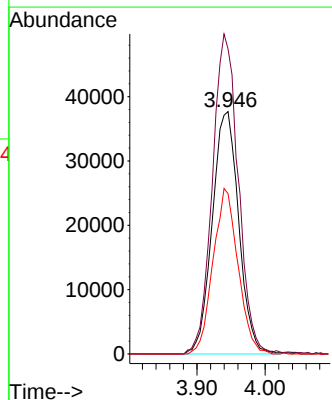
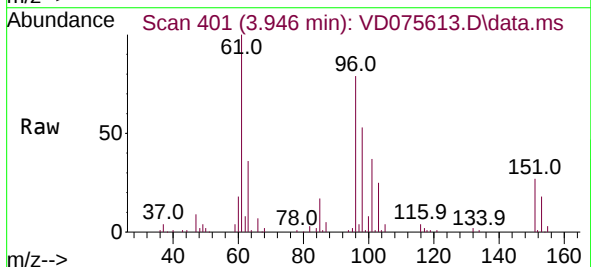
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

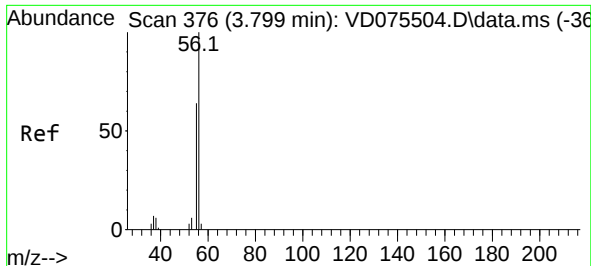
Tgt Ion: 59 Resp: 20212
Ion Ratio Lower Upper
59 100
57 9.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.926 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 96 Resp: 101899
Ion Ratio Lower Upper
96 100
61 125.8 118.6 177.8
98 66.1 49.7 74.5





#13

Acrolein

Concen: 239.660 ug/l

RT: 3.798 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

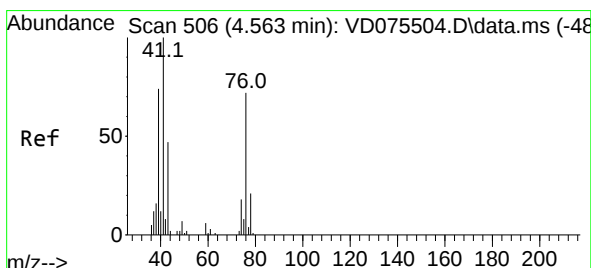
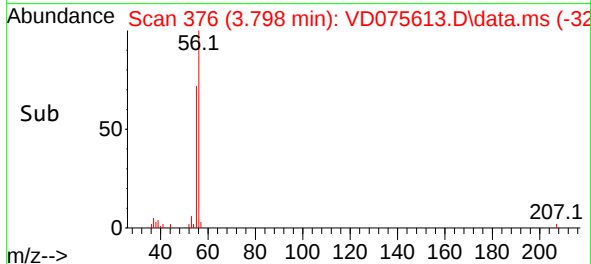
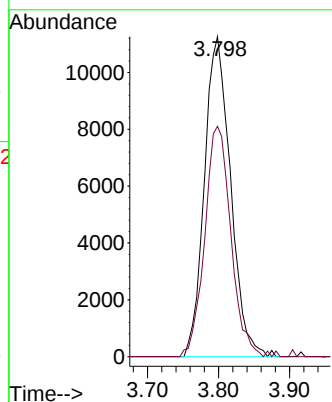
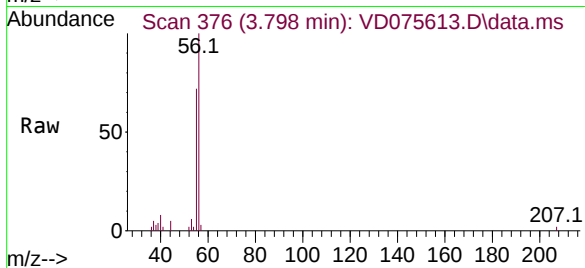
VSTDICCC050

Tgt Ion: 56 Resp: 28817

Ion Ratio Lower Upper

56 100

55 71.6 53.9 80.9



#14

Allyl chloride

Concen: 49.610 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

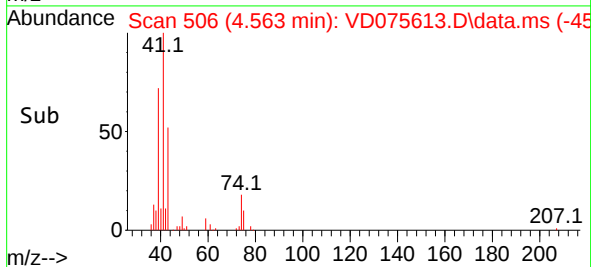
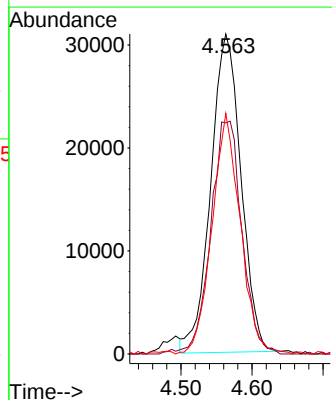
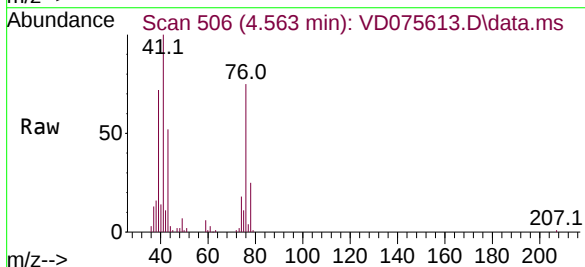
Tgt Ion: 41 Resp: 91381

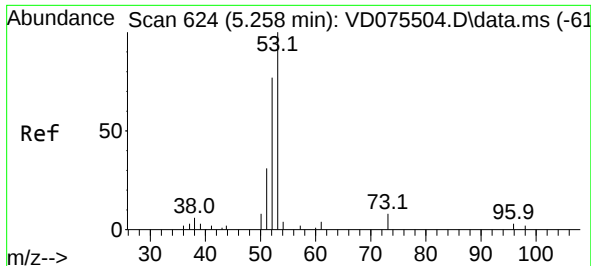
Ion Ratio Lower Upper

41 100

39 75.6 60.6 90.8

76 70.6 28.6 43.0#

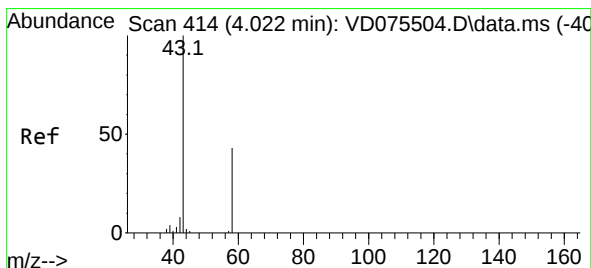
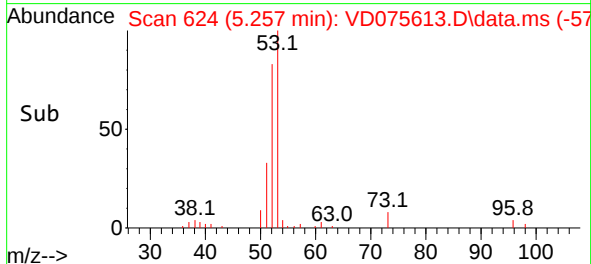
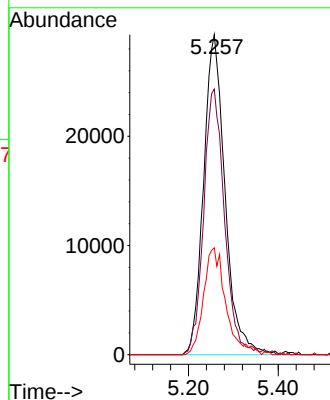
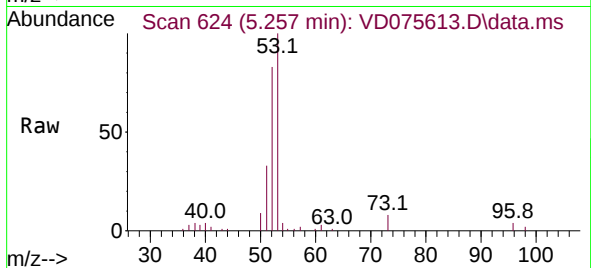




#15
Acrylonitrile
Concen: 254.568 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

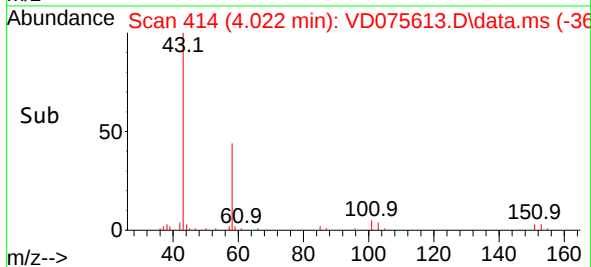
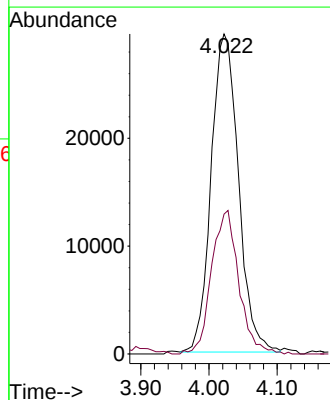
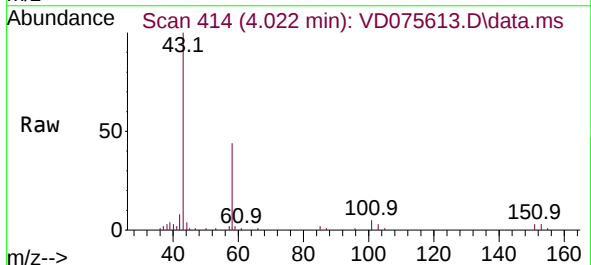
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

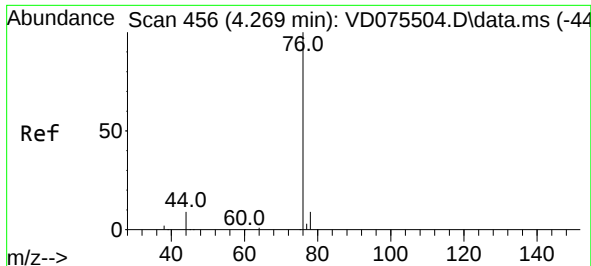
Tgt Ion: 53 Resp: 97334
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 250.120 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 43 Resp: 82319
Ion Ratio Lower Upper
43 100
58 44.0 24.4 36.6#

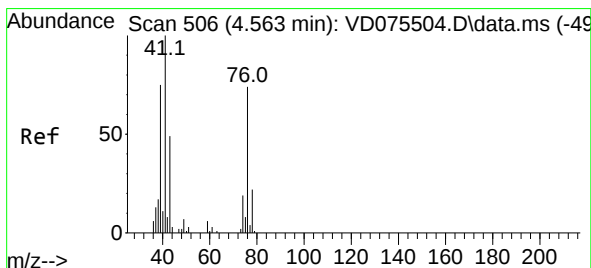
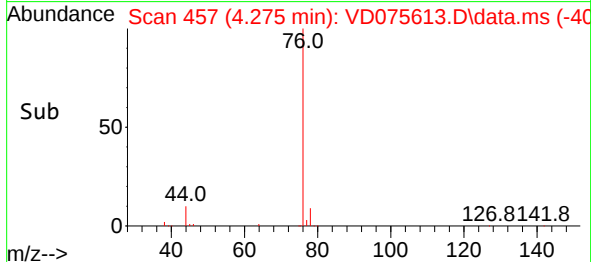
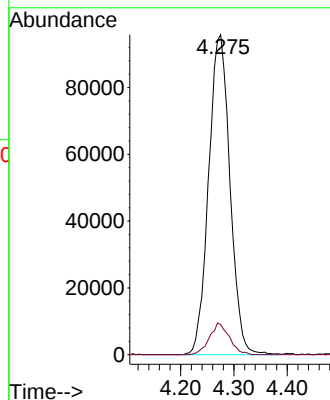
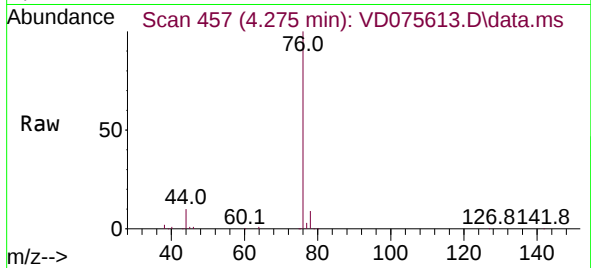




#17
Carbon Disulfide
Concen: 50.489 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

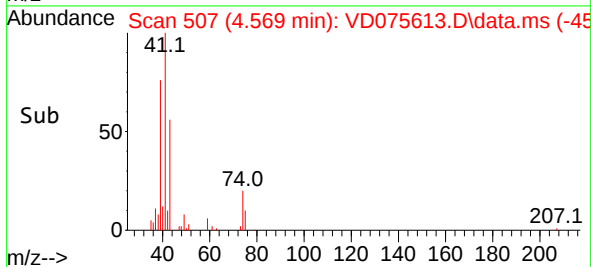
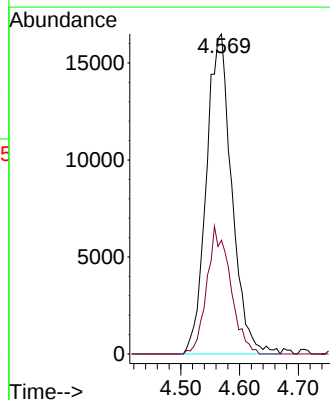
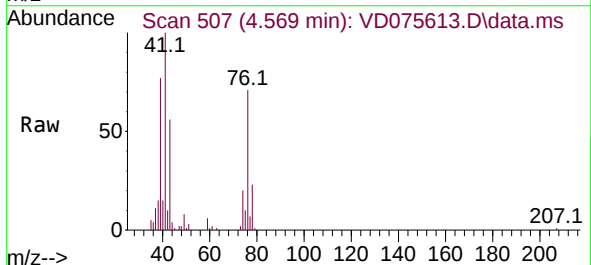
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

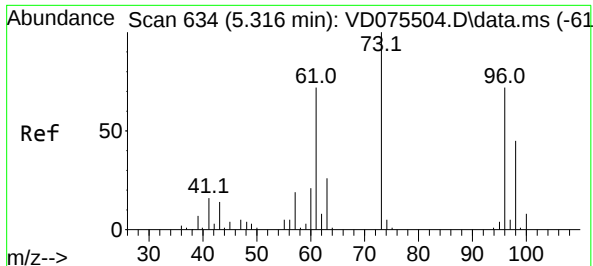
Tgt Ion: 76 Resp: 266712
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 49.944 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 43 Resp: 49609
Ion Ratio Lower Upper
43 100
74 36.8 17.8 26.6#

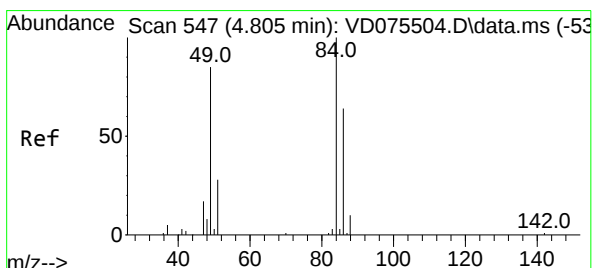
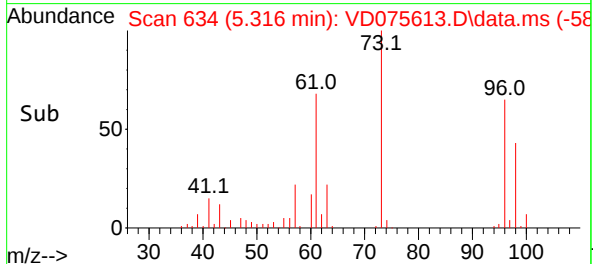
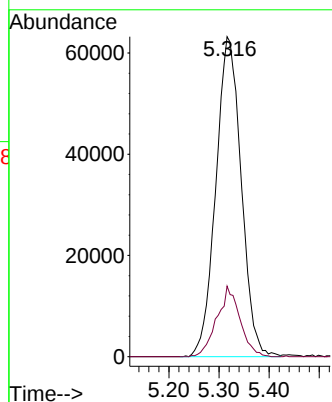
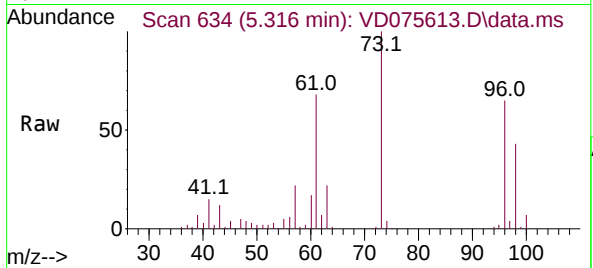




#19
Methyl tert-butyl Ether
Concen: 51.503 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

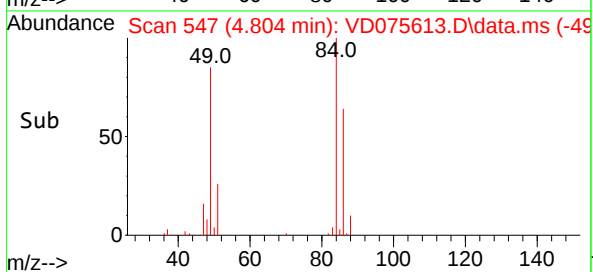
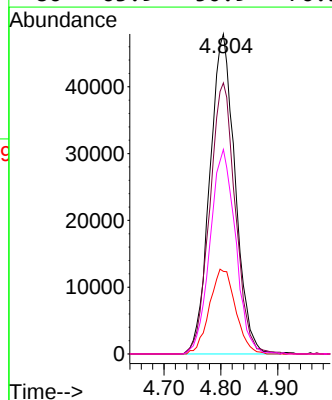
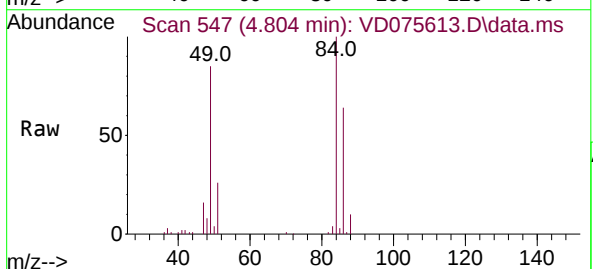
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

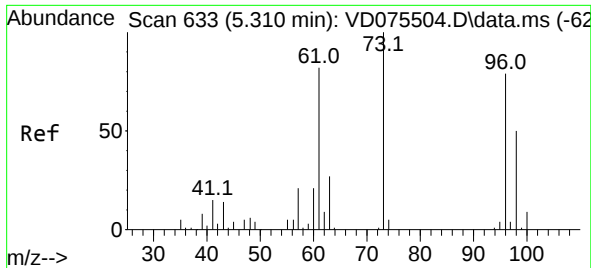
Tgt Ion: 73 Resp: 222165
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8



#20
Methylene Chloride
Concen: 53.981 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 84 Resp: 148068
Ion Ratio Lower Upper
84 100
49 84.7 106.4 159.6#
51 25.8 32.4 48.6#
86 63.9 50.9 76.3

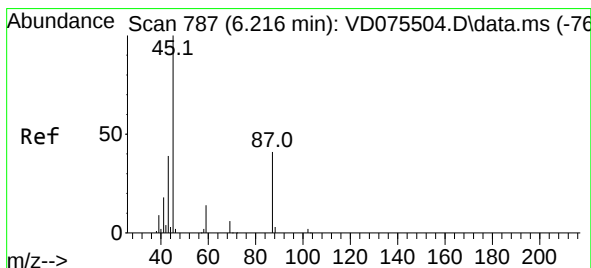
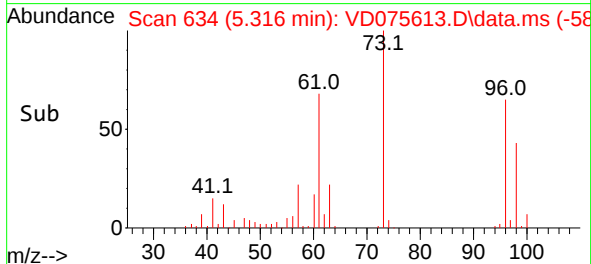
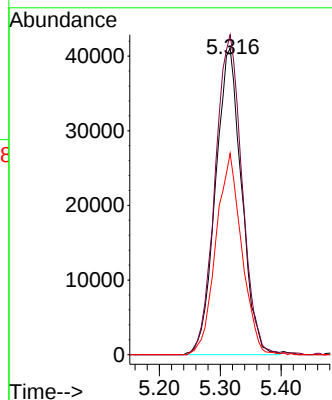
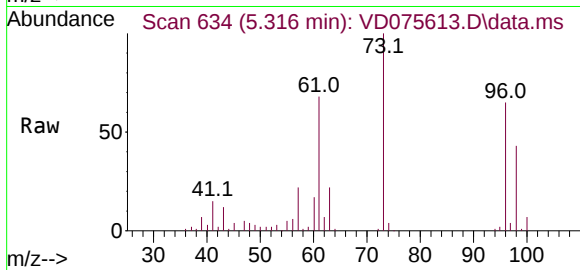




#21
trans-1,2-Dichloroethene
Concen: 50.724 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

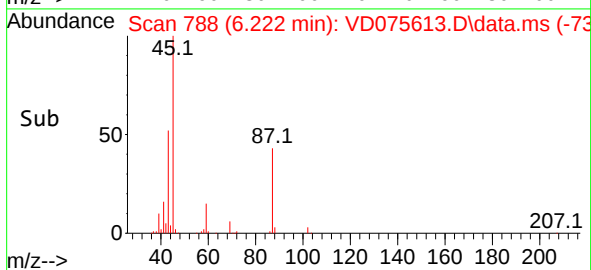
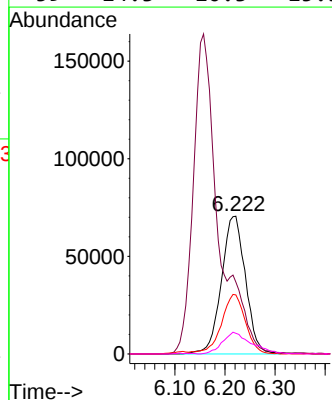
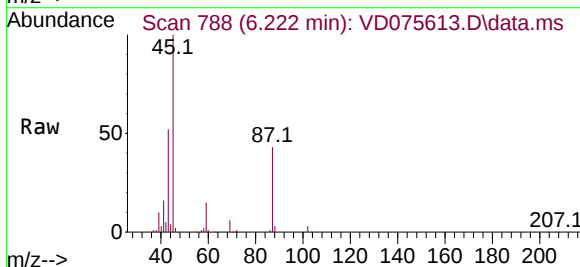
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

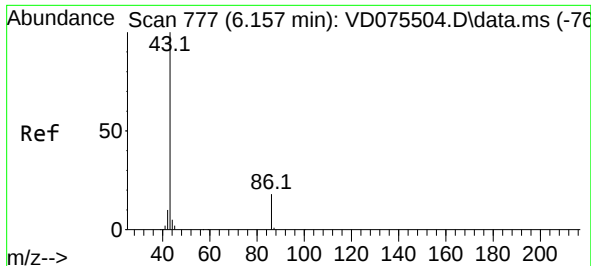
Tgt Ion: 96 Resp: 122201
Ion Ratio Lower Upper
96 100
61 104.4 117.2 175.8#
98 65.7 50.6 76.0



#22
Diisopropyl ether
Concen: 51.945 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.005 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 45 Resp: 234714
Ion Ratio Lower Upper
45 100
43 51.1 44.4 66.6
87 42.9 20.9 31.3#
59 14.3 10.3 15.5

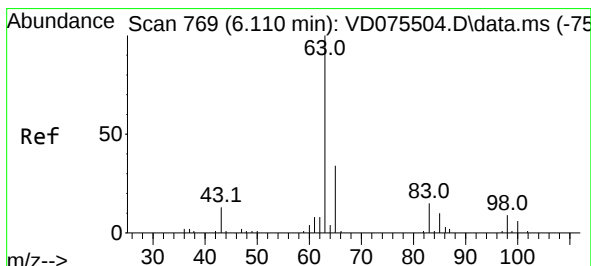
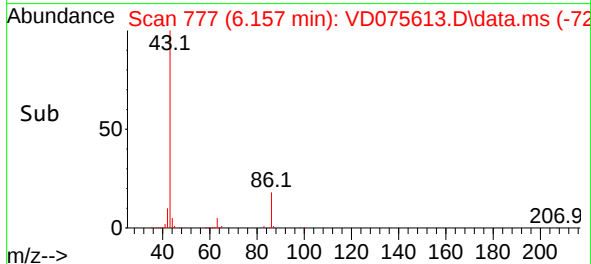
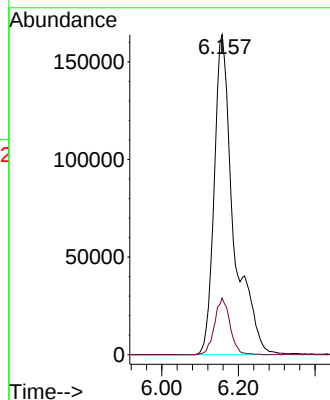
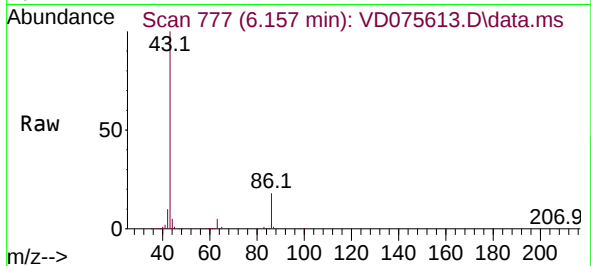




#23
 Vinyl Acetate
 Concen: 271.498 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

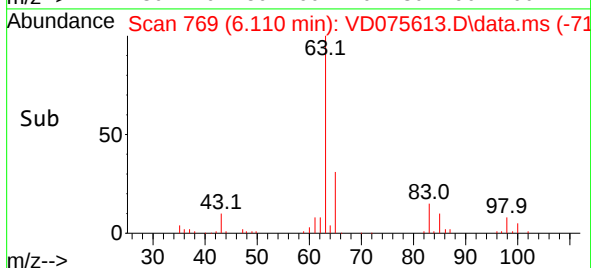
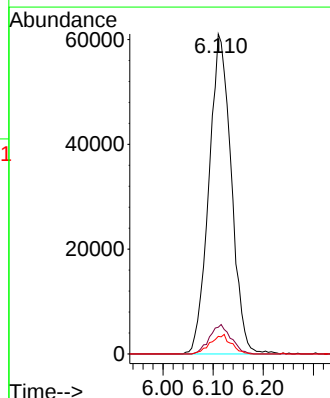
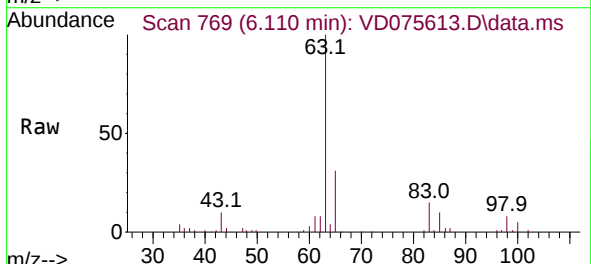
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

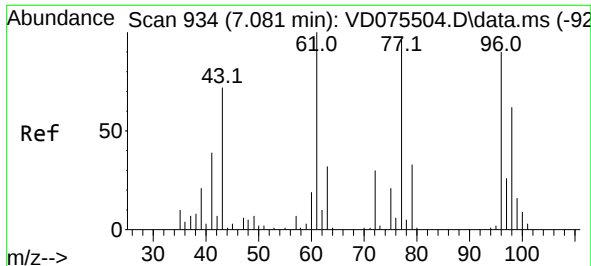
Tgt Ion: 43 Resp: 575777
 Ion Ratio Lower Upper
 43 100
 86 17.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 50.606 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

Tgt Ion: 63 Resp: 188830
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.5 2.0 6.0

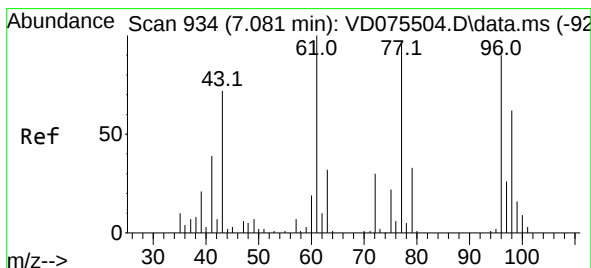
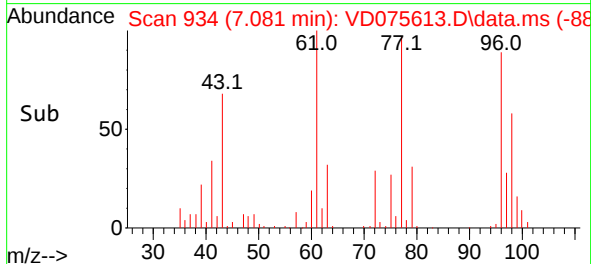
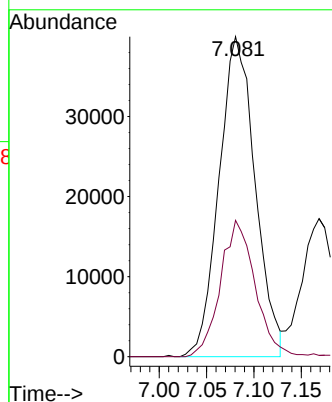
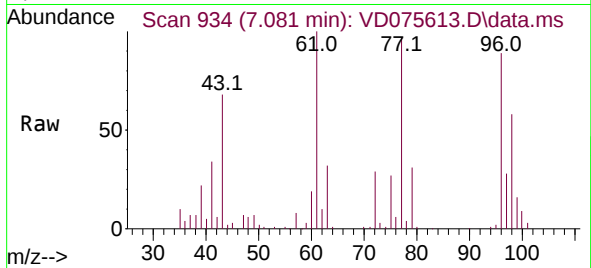




#25
2-Butanone
Concen: 248.115 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

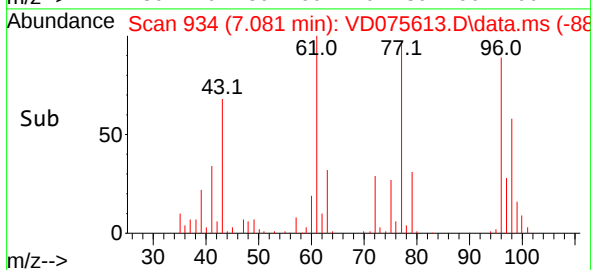
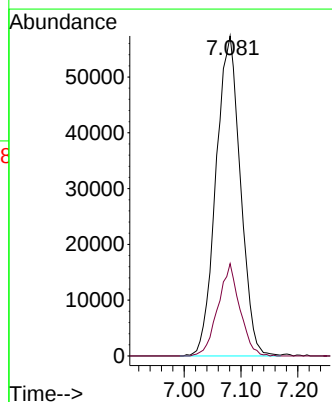
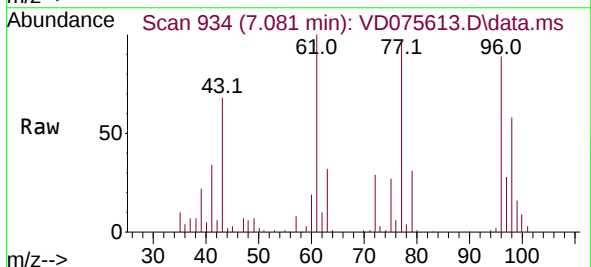
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

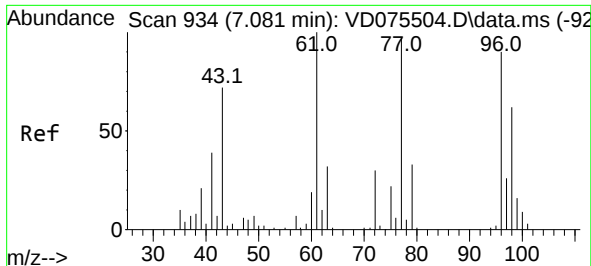
Tgt Ion: 43 Resp: 105975
Ion Ratio Lower Upper
43 100
72 42.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 50.095 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 77 Resp: 171475
Ion Ratio Lower Upper
77 100
97 25.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.795 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

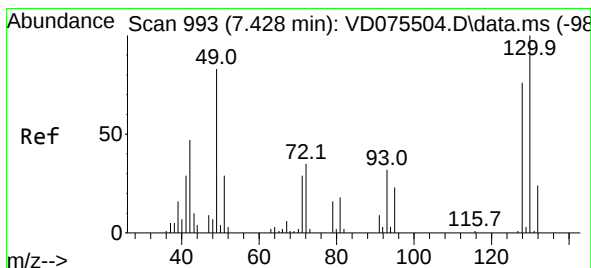
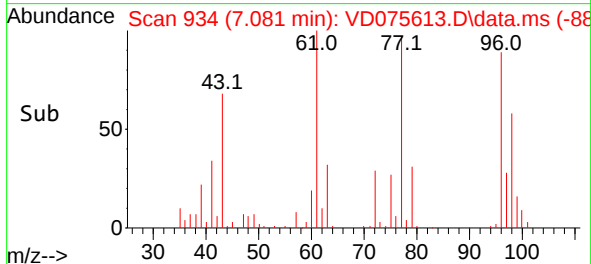
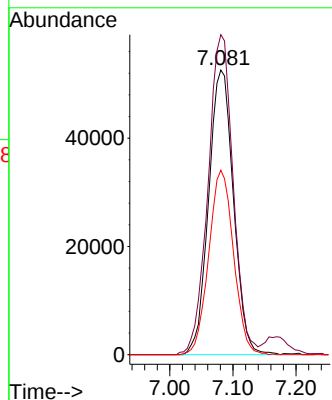
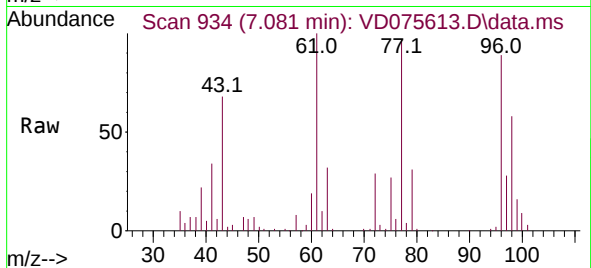
Tgt Ion: 96 Resp: 144083

Ion Ratio Lower Upper

96 100

61 113.9 0.0 295.2

98 64.6 0.0 129.2



#28

Bromochloromethane

Concen: 49.270 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

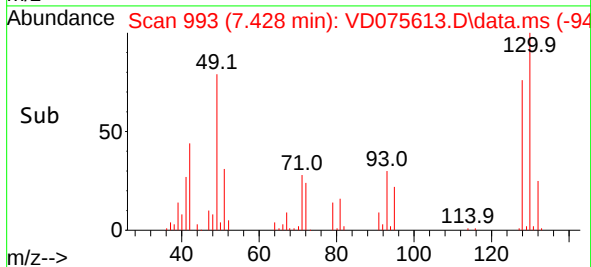
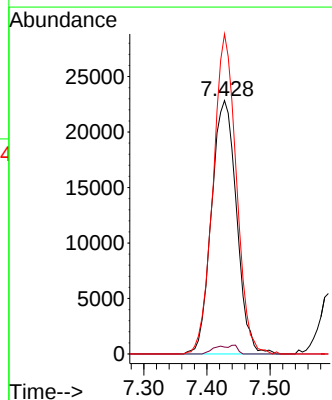
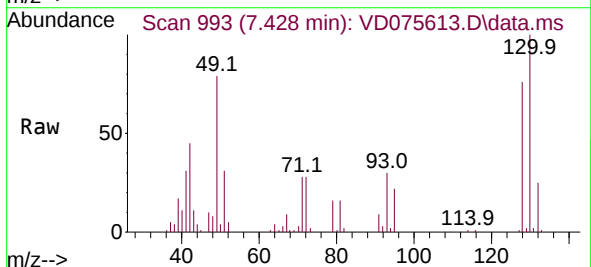
Tgt Ion: 49 Resp: 62816

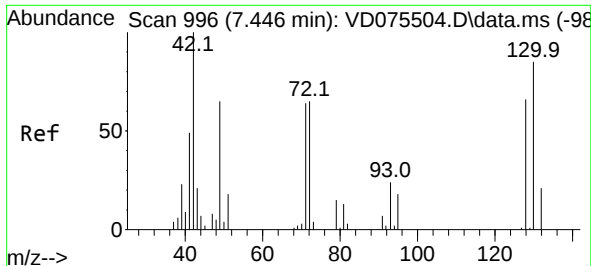
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 117.3 56.0 84.0#





#29

Tetrahydrofuran

Concen: 259.046 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

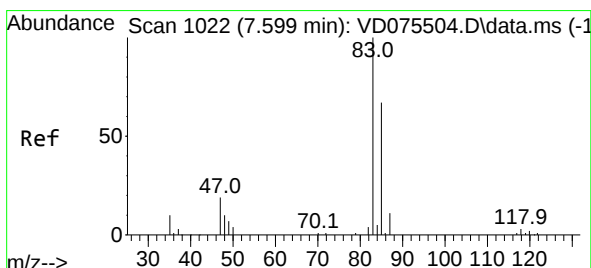
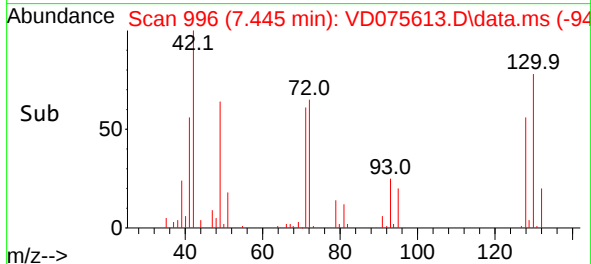
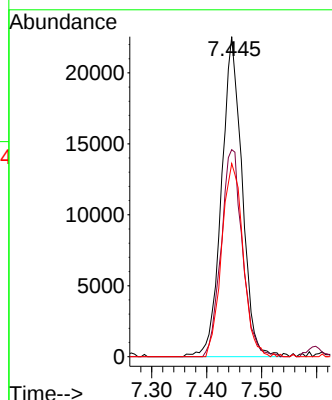
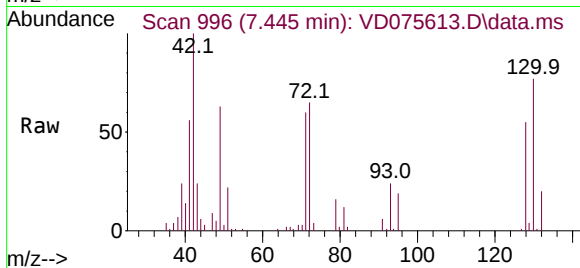
Tgt Ion: 42 Resp: 58592

Ion Ratio Lower Upper

42 100

72 67.2 31.8 47.6#

71 62.6 27.6 41.4#



#30

Chloroform

Concen: 50.978 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075613.D

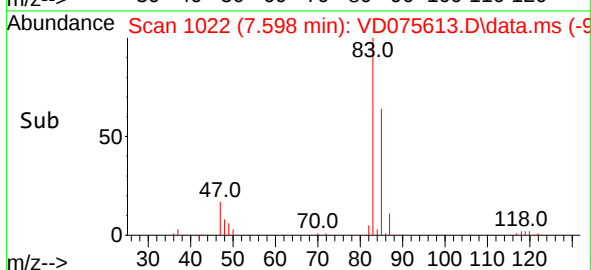
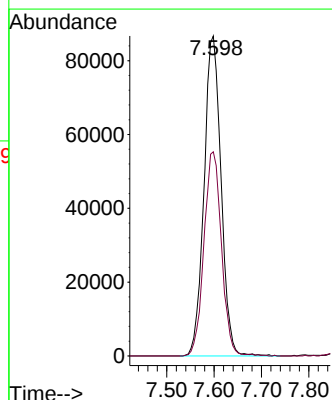
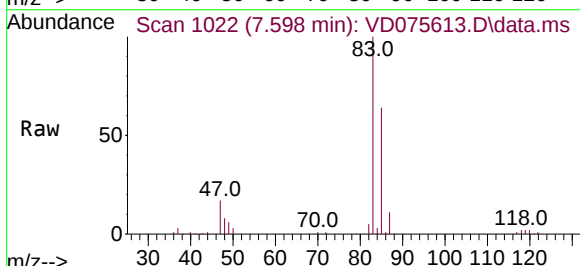
Acq: 10 Apr 2023 18:23

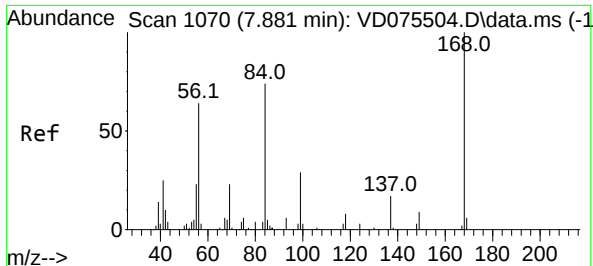
Tgt Ion: 83 Resp: 216395

Ion Ratio Lower Upper

83 100

85 63.8 49.4 74.2

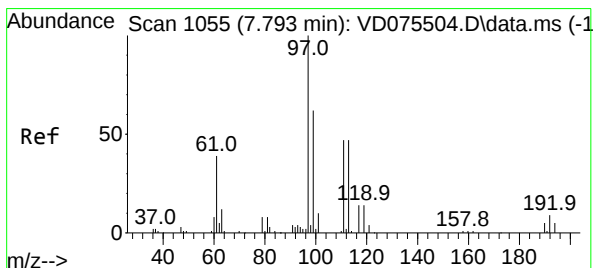
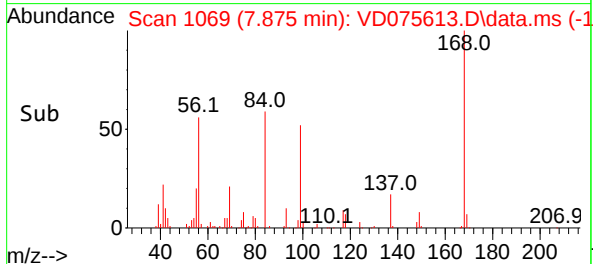
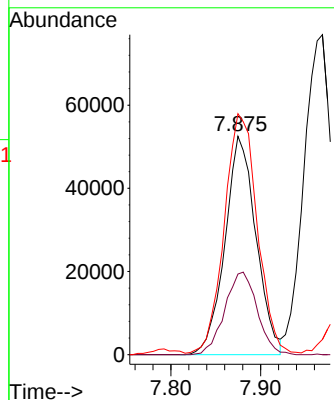
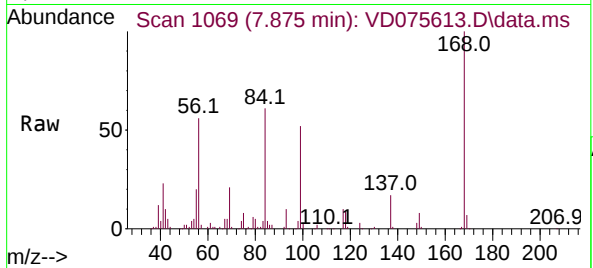




#31
Cyclohexane
Concen: 48.111 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

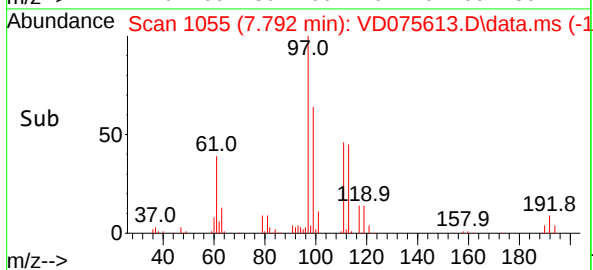
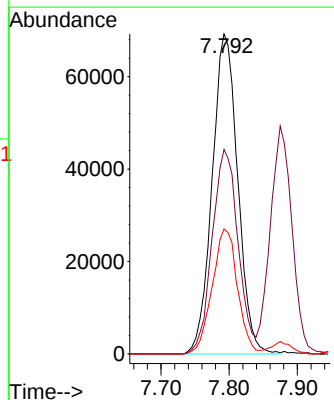
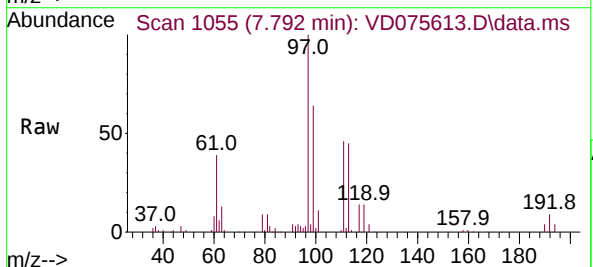
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

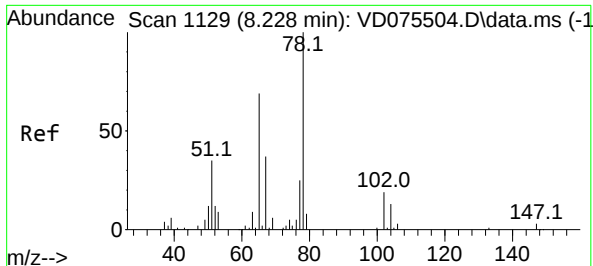
Tgt Ion: 56 Resp: 126429
Ion Ratio Lower Upper
56 100
69 36.9 25.5 38.3
84 108.6 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 51.213 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 97 Resp: 180918
Ion Ratio Lower Upper
97 100
99 64.9 50.5 75.7
61 38.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.259 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

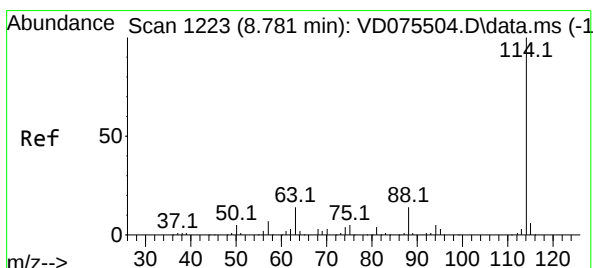
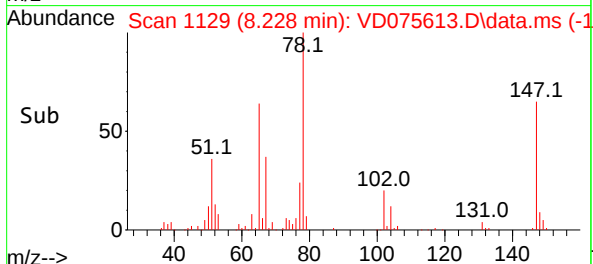
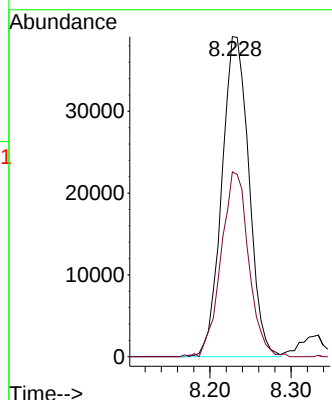
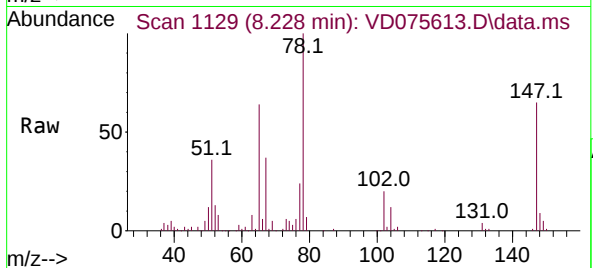
VSTDICCC050

Tgt Ion: 65 Resp: 90780

Ion Ratio Lower Upper

65 100

67 58.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

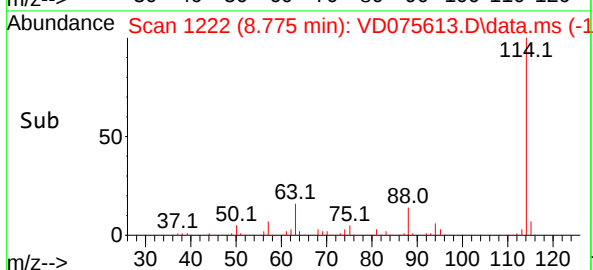
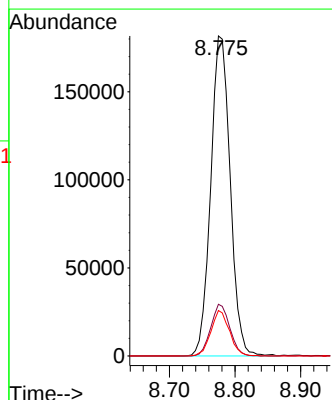
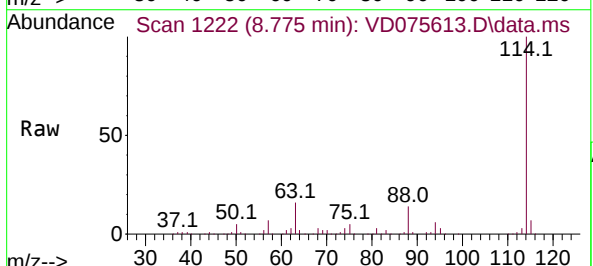
Tgt Ion: 114 Resp: 374516

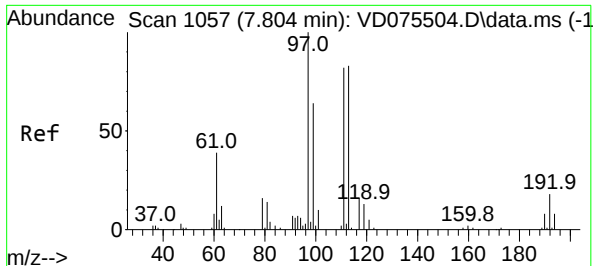
Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.839 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

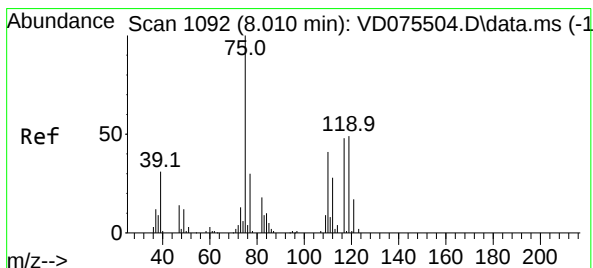
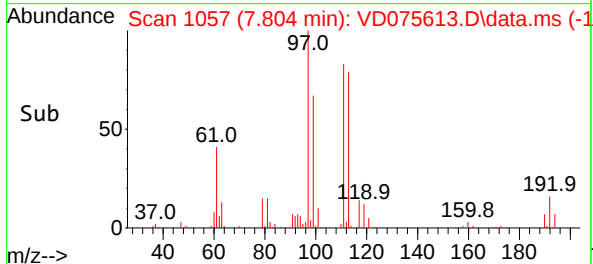
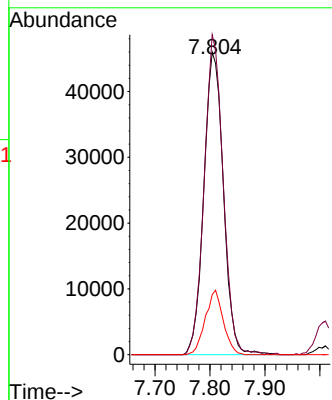
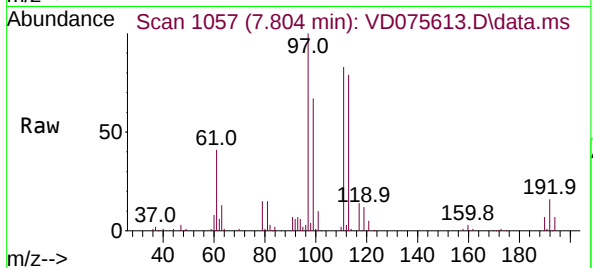
Tgt Ion:113 Resp: 113780

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.6 15.2 22.8



#36

1,1-Dichloropropene

Concen: 54.549 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

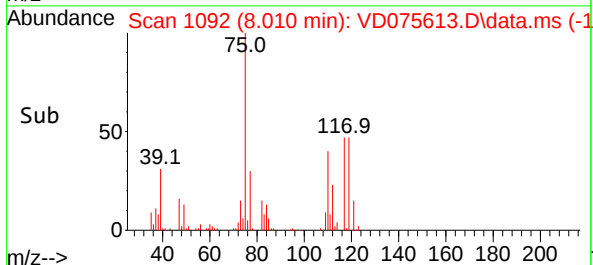
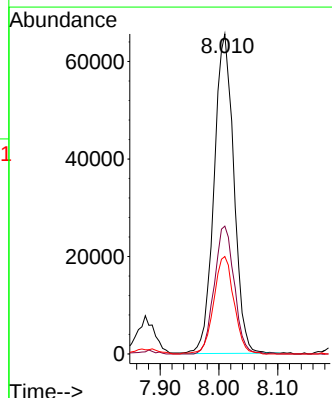
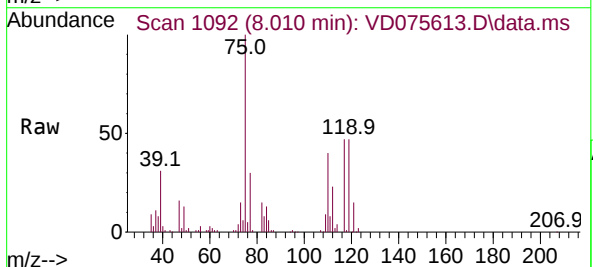
Tgt Ion: 75 Resp: 152908

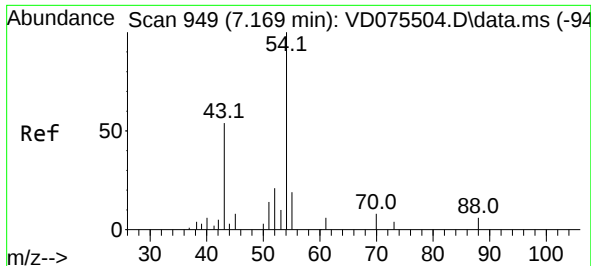
Ion Ratio Lower Upper

75 100

110 40.4 17.1 51.2

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 52.279 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

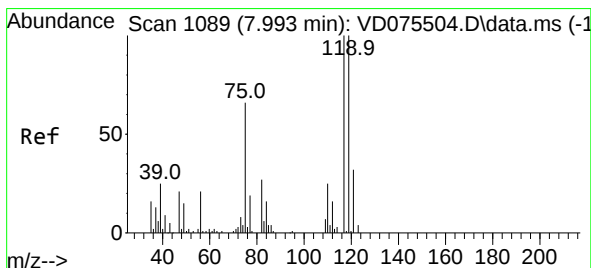
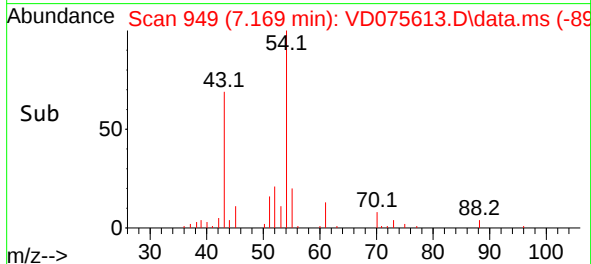
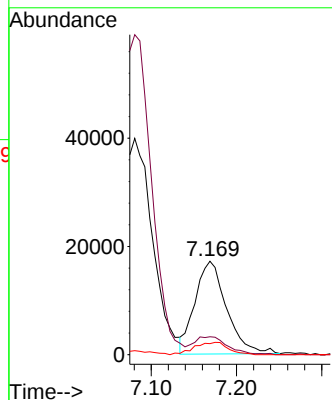
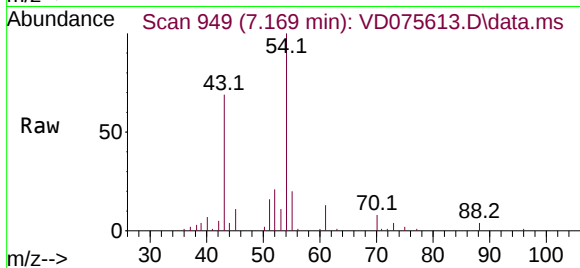
Tgt Ion: 43 Resp: 44059

Ion Ratio Lower Upper

43 100

61 21.1 0.0 0.0#

70 14.3 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 53.215 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

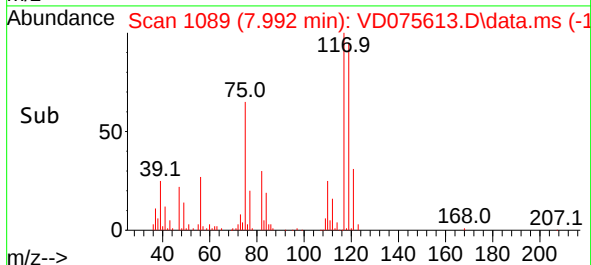
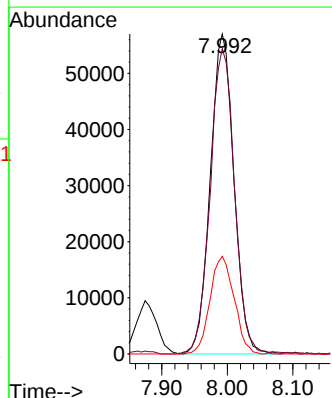
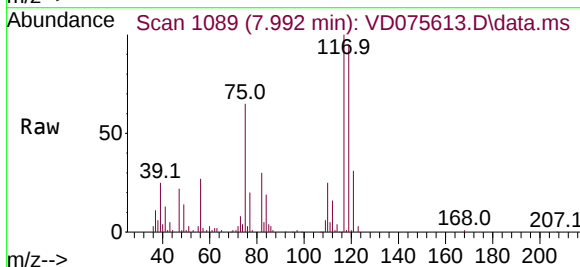
Tgt Ion: 117 Resp: 143050

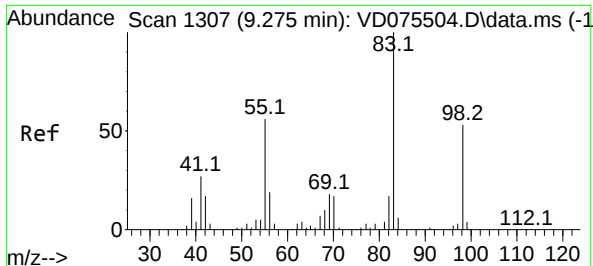
Ion Ratio Lower Upper

117 100

119 95.1 74.7 112.1

121 30.5 25.9 38.9





#39

Methylcyclohexane

Concen: 52.697 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

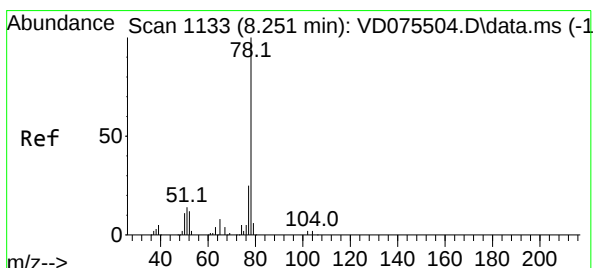
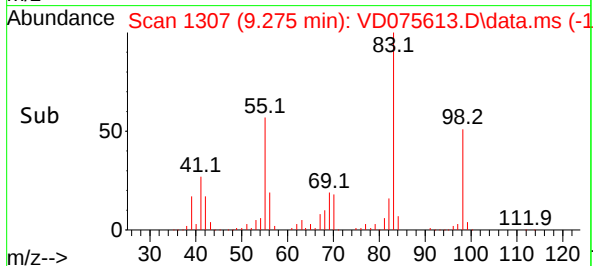
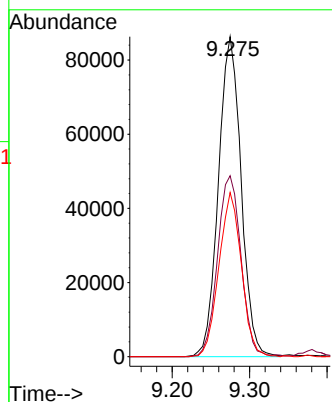
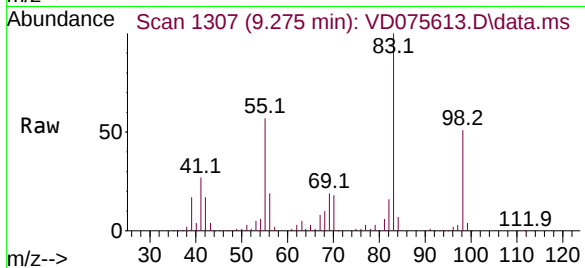
Tgt Ion: 83 Resp: 175894

Ion Ratio Lower Upper

83 100

55 56.5 56.8 85.2#

98 51.3 38.9 58.3



#40

Benzene

Concen: 53.535 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075613.D

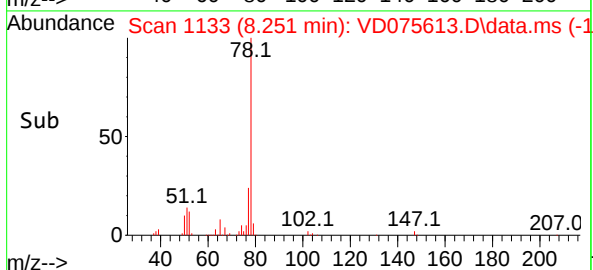
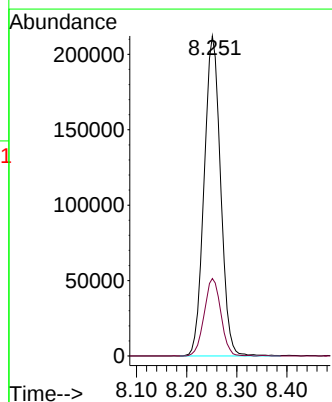
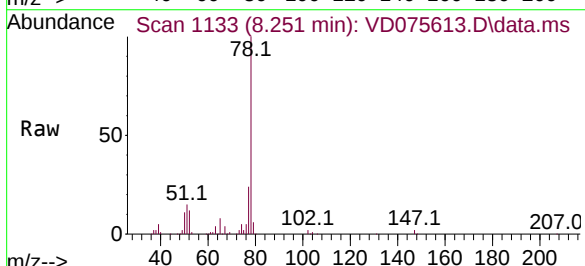
Acq: 10 Apr 2023 18:23

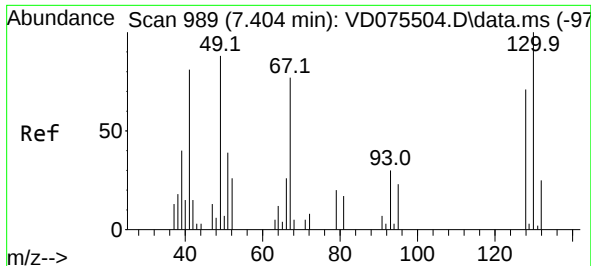
Tgt Ion: 78 Resp: 483551

Ion Ratio Lower Upper

78 100

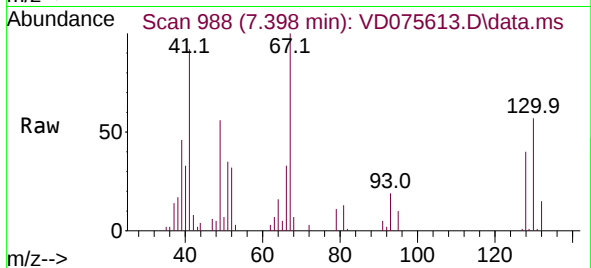
77 24.2 19.1 28.7



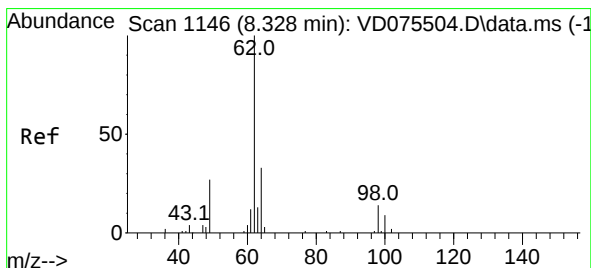
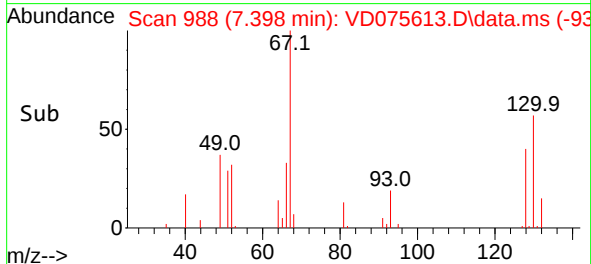
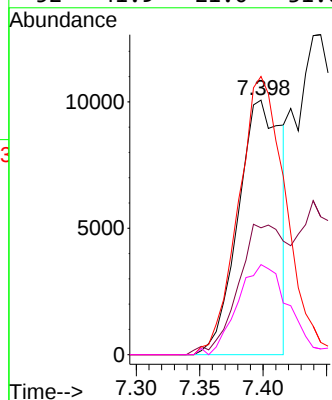


#41
Methacrylonitrile
Concen: 51.755 ug/l m
RT: 7.398 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

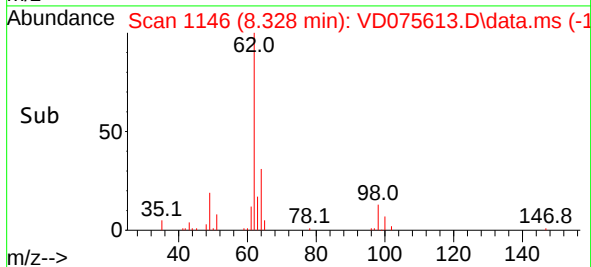
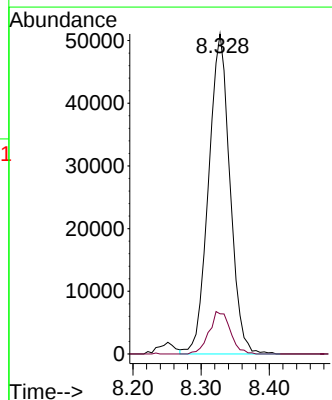
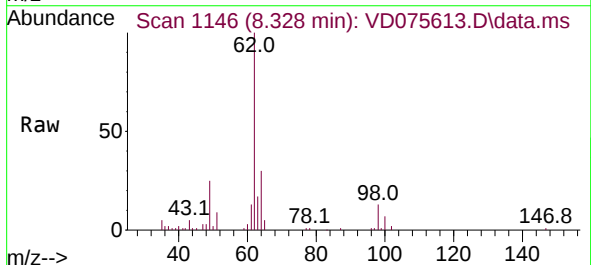


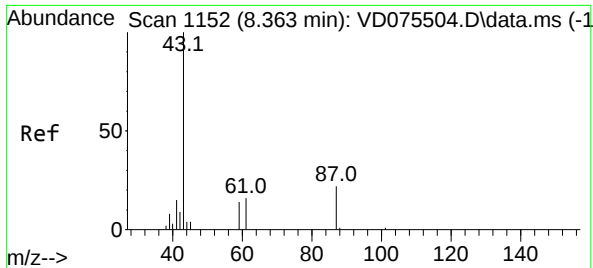
Tgt Ion:	41	Resp:	23887
Ion	Ratio	Lower	Upper
41	100		
39	58.6	45.3	67.9
67	119.5	50.5	75.7#
52	41.9	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 53.093 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:	62	Resp:	111424
Ion	Ratio	Lower	Upper
62	100		
98	13.1	0.0	18.8

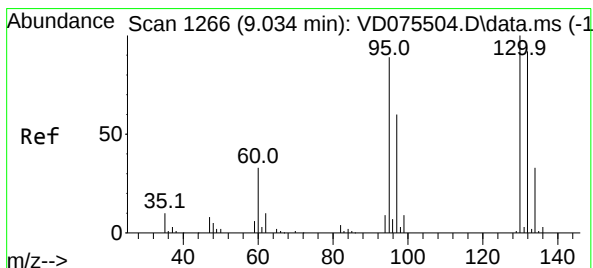
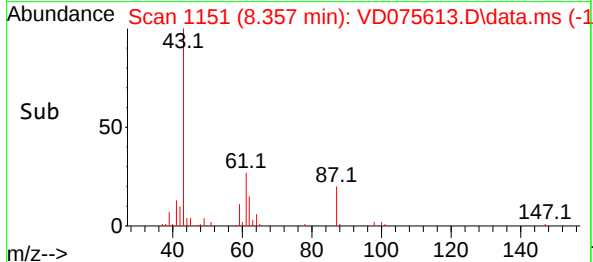
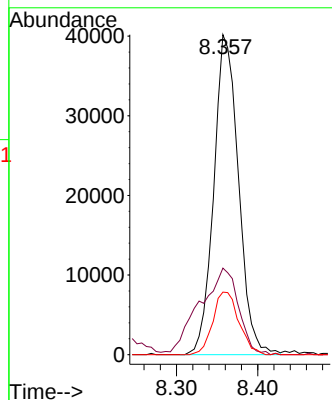
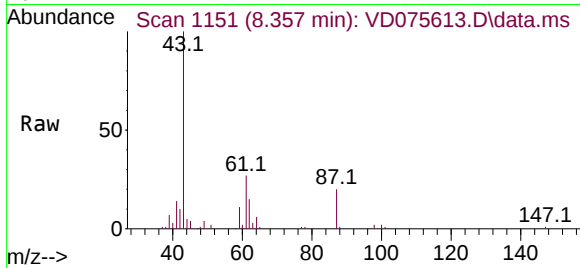




#43
Isopropyl Acetate
Concen: 52.873 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

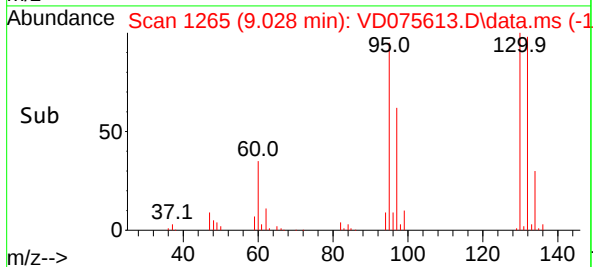
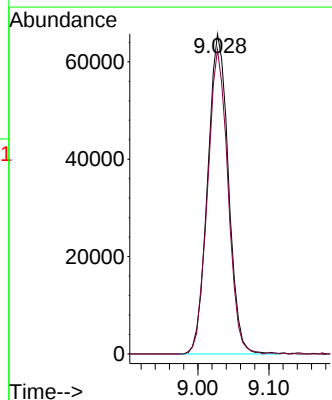
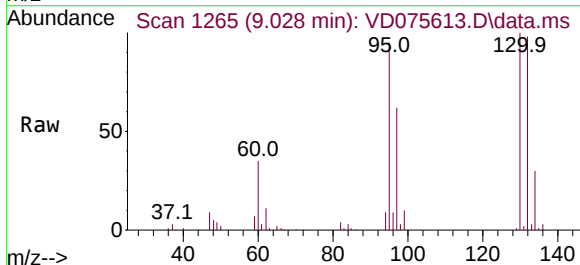
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

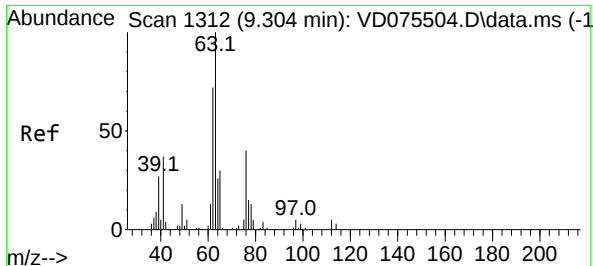
Tgt Ion: 43 Resp: 85063
Ion Ratio Lower Upper
43 100
61 42.5 23.4 35.0#
87 20.6 9.5 14.3#



#44
Trichloroethene
Concen: 50.383 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:130 Resp: 133296
Ion Ratio Lower Upper
130 100
95 95.2 0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.036 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

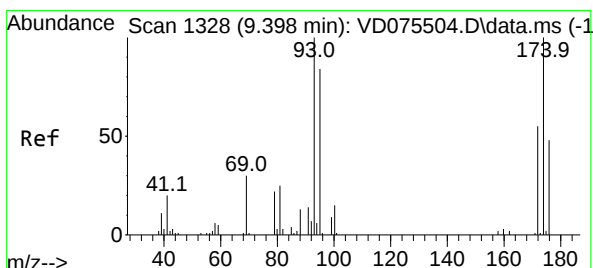
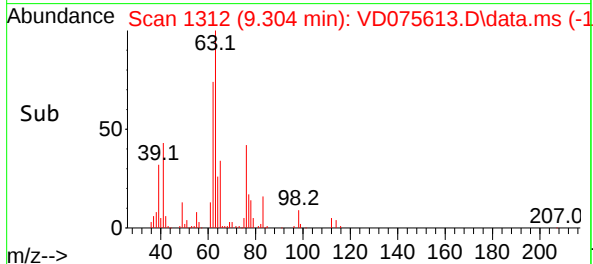
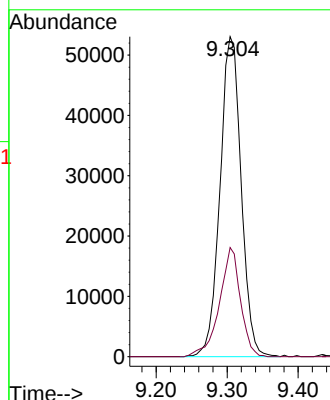
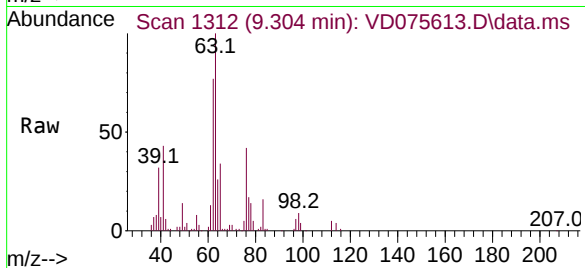
VSTDICCC050

Tgt Ion: 63 Resp: 109644

Ion Ratio Lower Upper

63 100

65 34.1 23.0 34.4



#46

Dibromomethane

Concen: 53.101 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

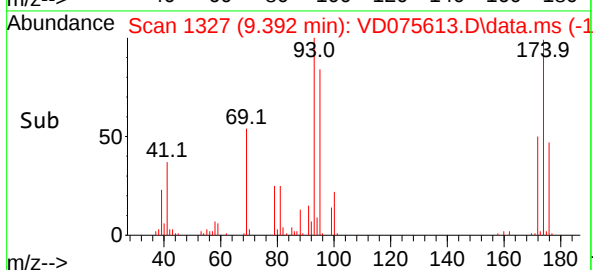
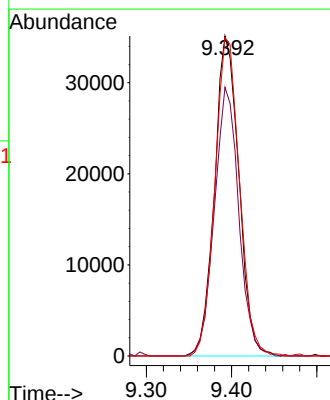
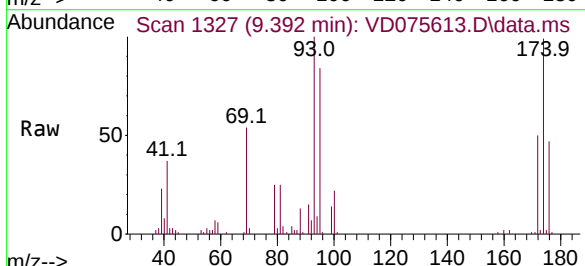
Tgt Ion: 93 Resp: 69470

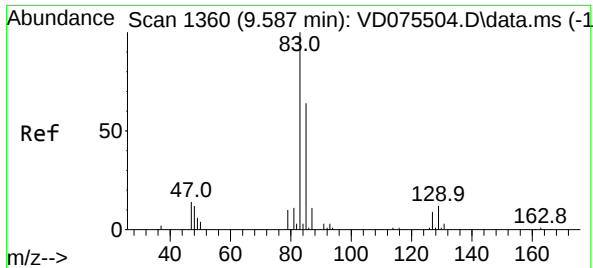
Ion Ratio Lower Upper

93 100

95 84.5 64.5 96.7

174 100.6 76.2 114.4

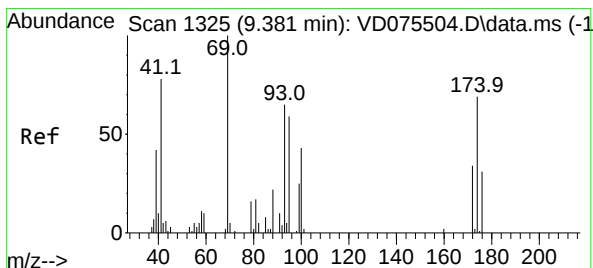
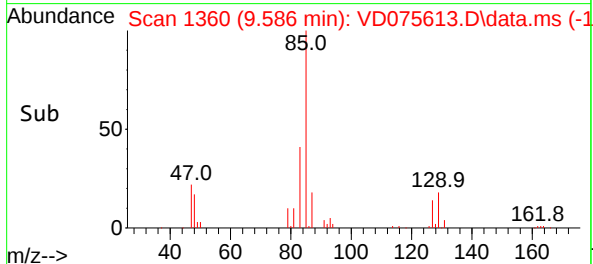
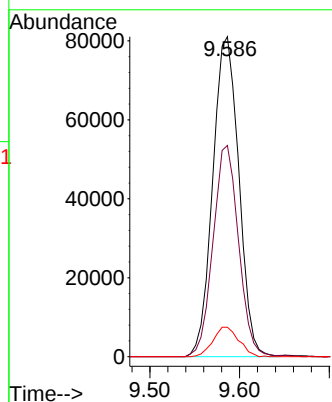
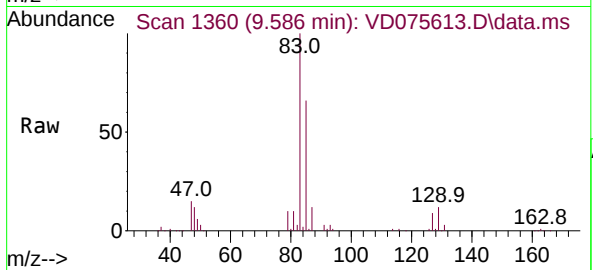




#47
Bromodichloromethane
Concen: 51.625 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

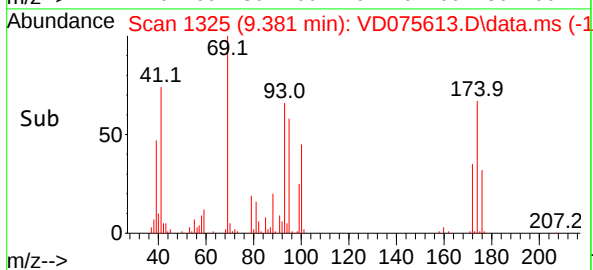
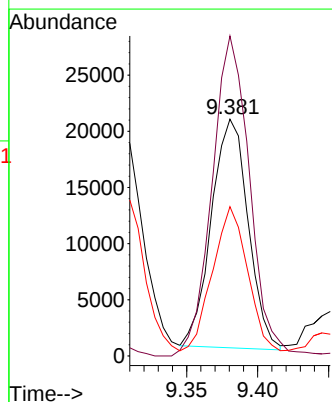
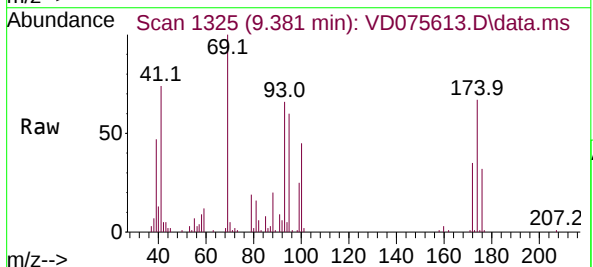
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

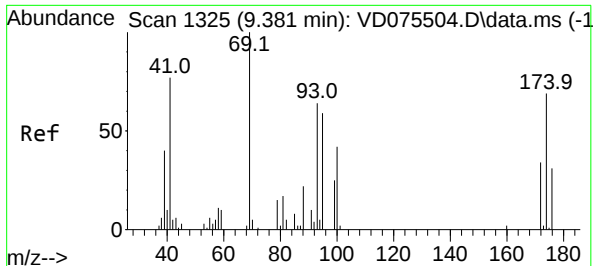
Tgt Ion: 83 Resp: 163329
Ion Ratio Lower Upper
83 100
85 66.0 53.7 80.5
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 50.286 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 41 Resp: 36663
Ion Ratio Lower Upper
41 100
69 143.3 58.6 88.0#
39 65.1 53.4 80.0





#49

1,4-Dioxane

Concen: 1053.773 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

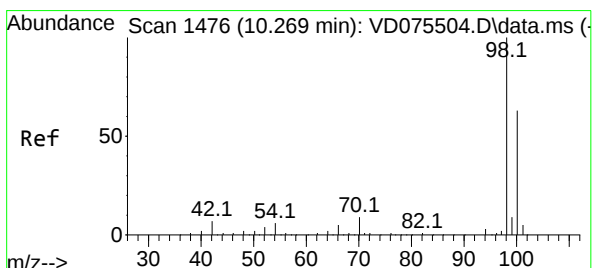
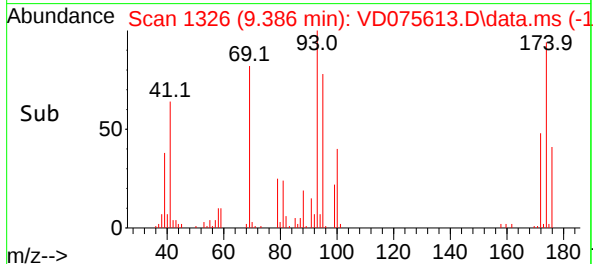
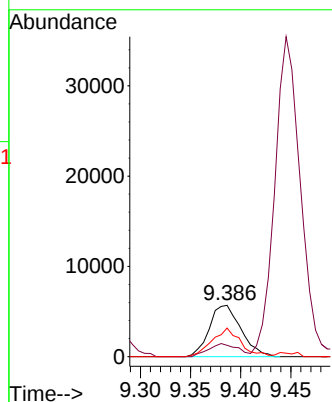
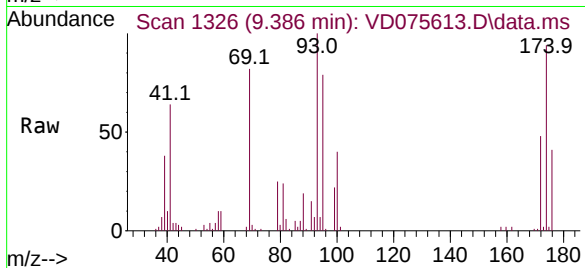
Tgt Ion: 88 Resp: 12497

Ion Ratio Lower Upper

88 100

43 24.1 34.6 51.8#

58 50.1 58.0 87.0#



#50

Toluene-d8

Concen: 52.375 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075613.D

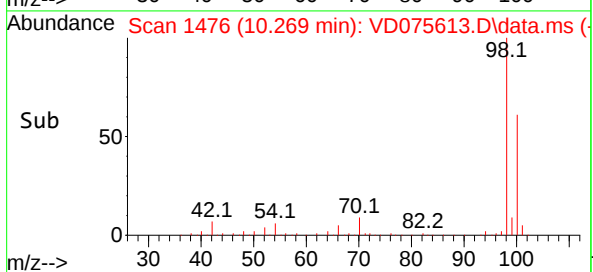
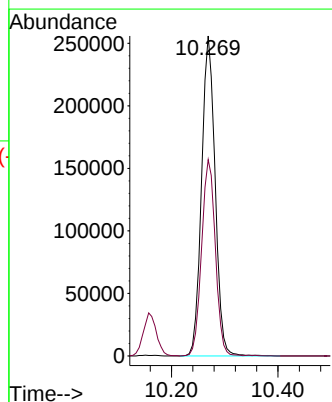
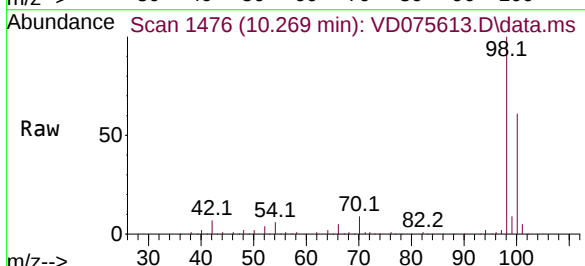
Acq: 10 Apr 2023 18:23

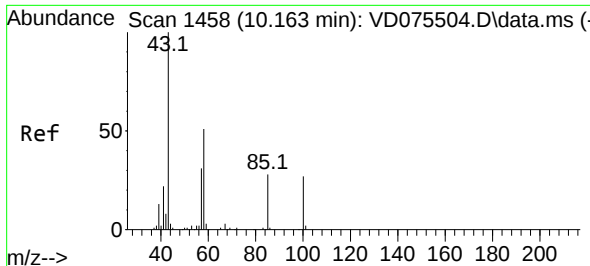
Tgt Ion: 98 Resp: 450902

Ion Ratio Lower Upper

98 100

100 62.4 52.1 78.1

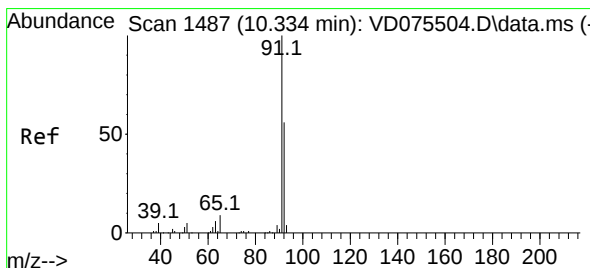
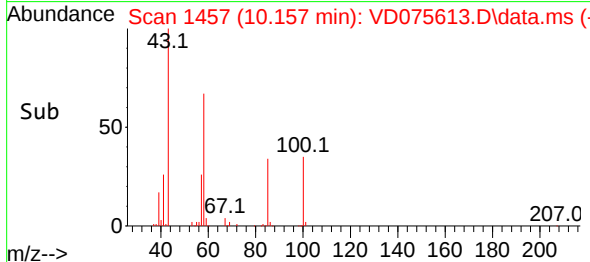
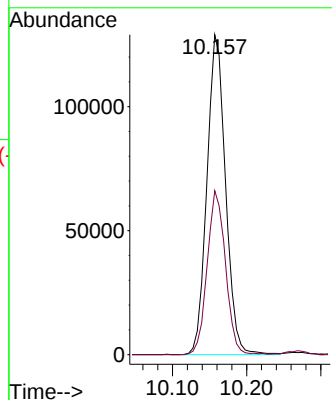
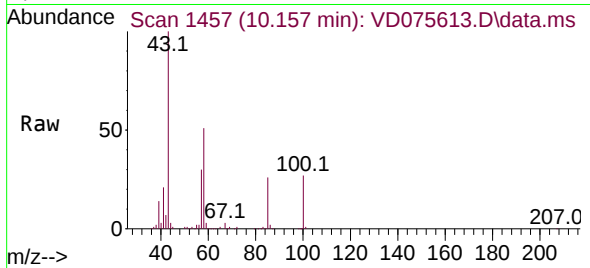




#51
4-Methyl-2-Pentanone
Concen: 260.469 ug/l
RT: 10.157 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

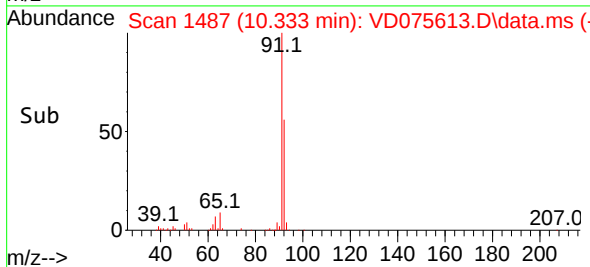
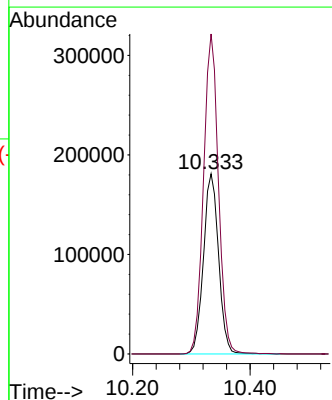
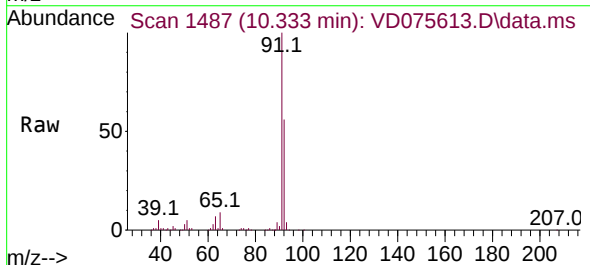
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

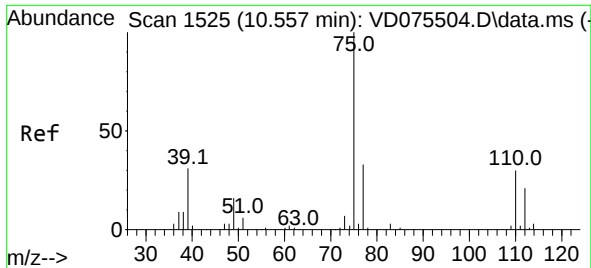
Tgt Ion: 43 Resp: 225582
Ion Ratio Lower Upper
43 100
58 50.4 29.5 44.3#



#52
Toluene
Concen: 52.923 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 92 Resp: 322856
Ion Ratio Lower Upper
92 100
91 175.2 136.5 204.7

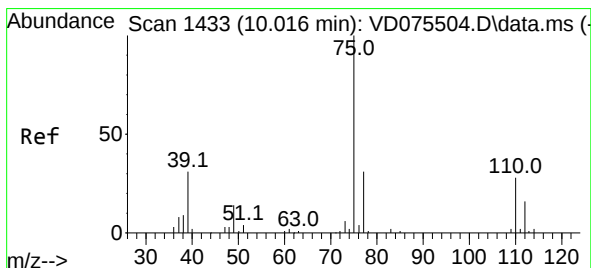
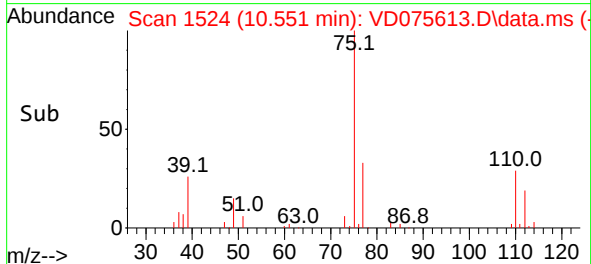
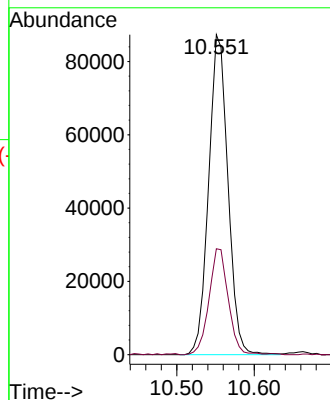
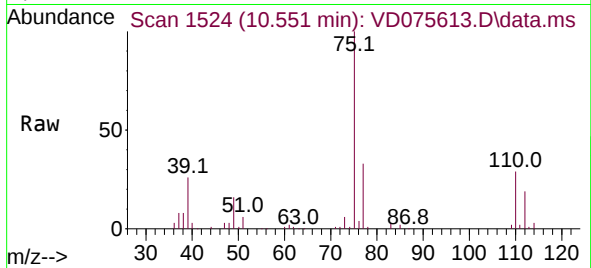




#53
t-1,3-Dichloropropene
Concen: 52.589 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

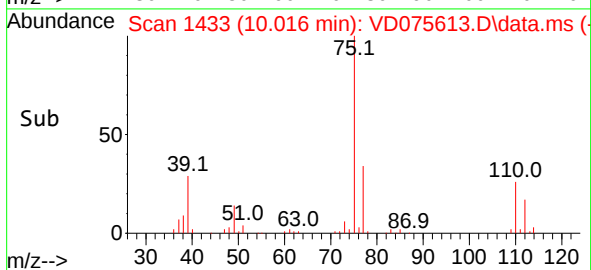
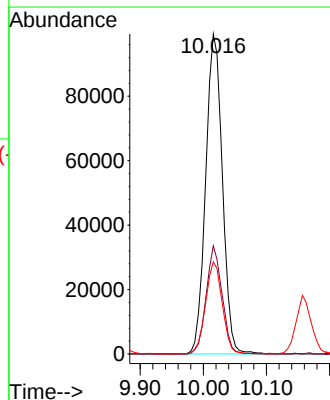
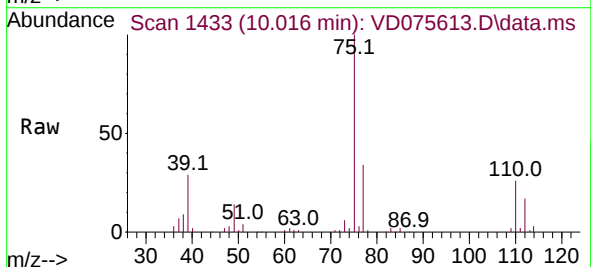
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

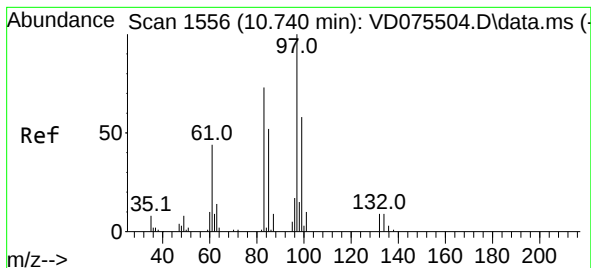
Tgt Ion: 75 Resp: 150810
Ion Ratio Lower Upper
75 100
77 33.1 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 52.383 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 75 Resp: 182650
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
39 28.8 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 51.767 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 99871

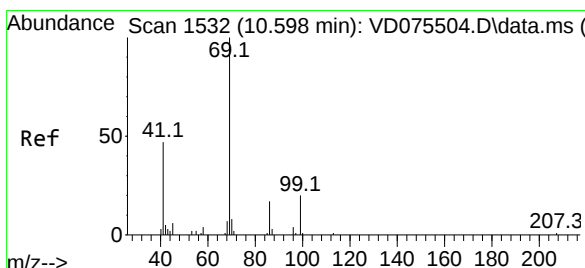
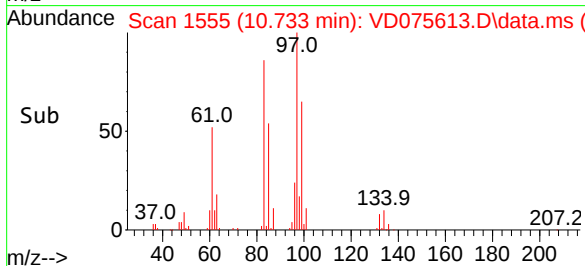
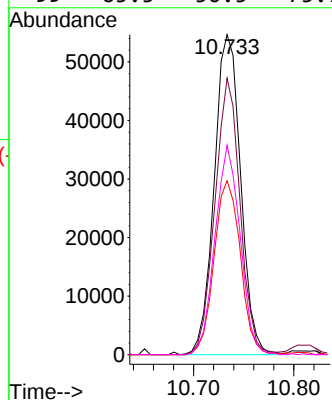
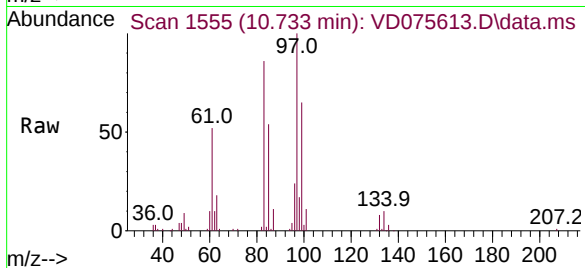
Ion Ratio Lower Upper

97 100

83 86.3 74.2 111.4

85 54.3 45.4 68.0

99 65.5 50.5 75.7



#56

Ethyl methacrylate

Concen: 53.877 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

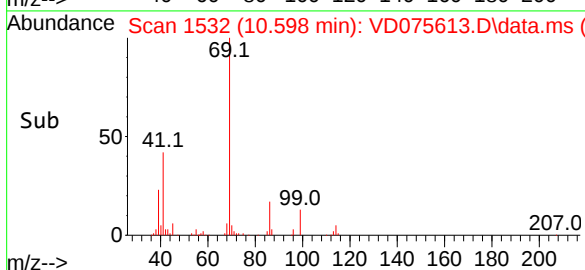
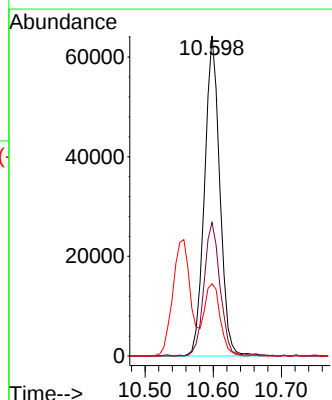
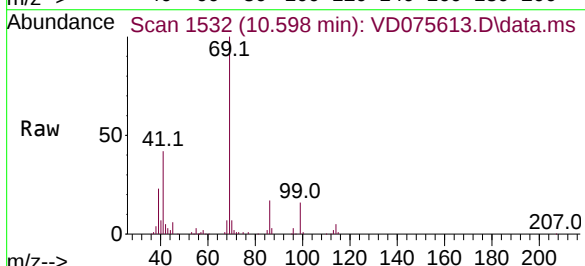
Tgt Ion: 69 Resp: 100187

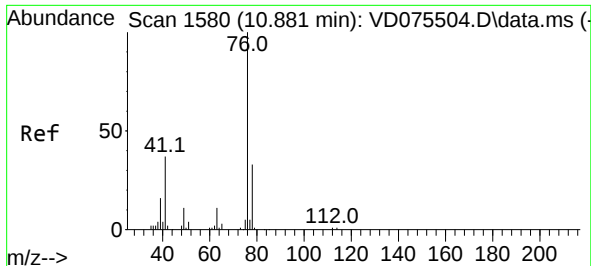
Ion Ratio Lower Upper

69 100

41 43.9 59.3 88.9#

39 22.8 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 51.996 ug/l

RT: 10.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

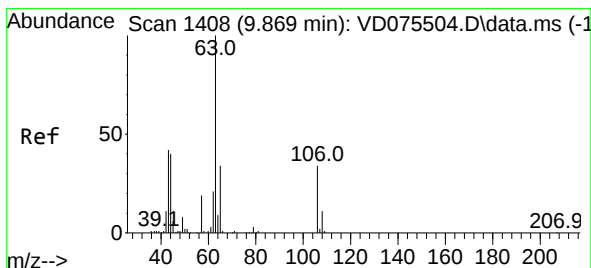
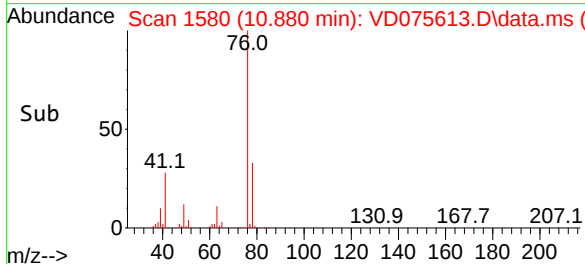
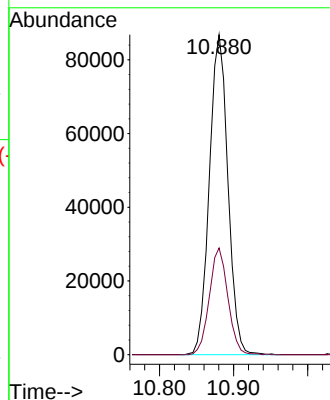
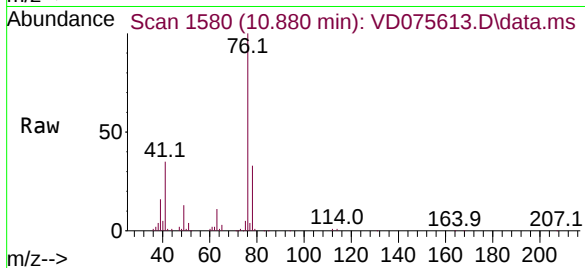
VSTDICCC050

Tgt Ion: 76 Resp: 151045

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 254.838 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075613.D

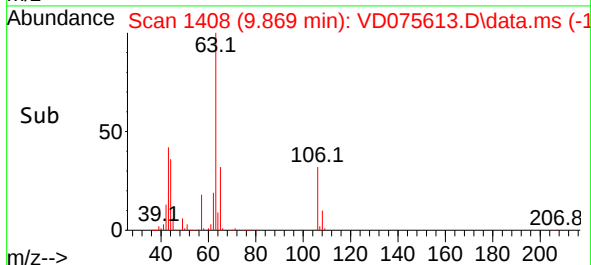
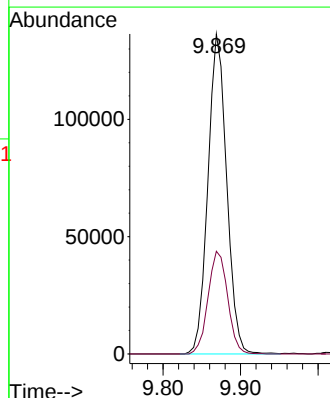
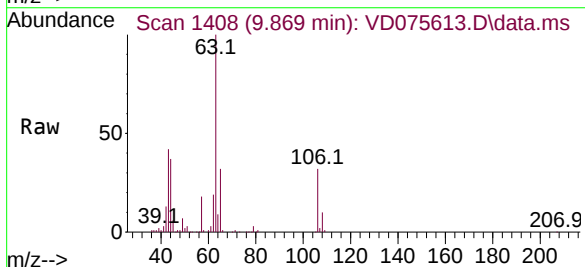
Acq: 10 Apr 2023 18:23

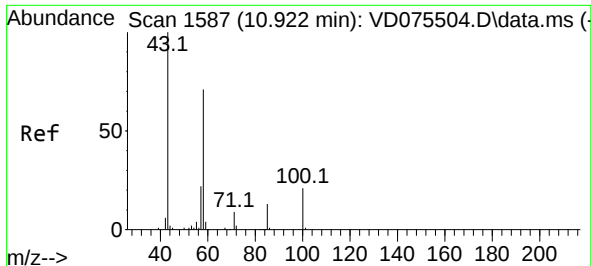
Tgt Ion: 63 Resp: 229118

Ion Ratio Lower Upper

63 100

106 33.4 21.4 32.2#

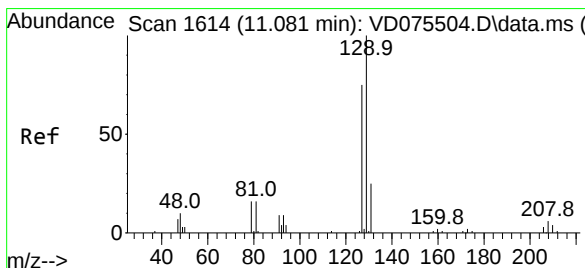
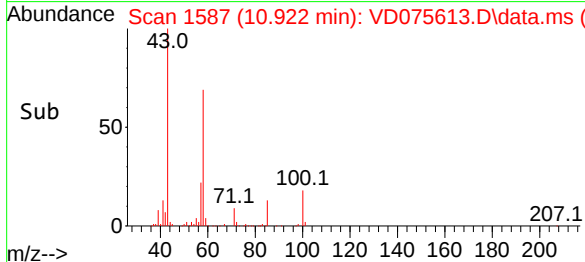
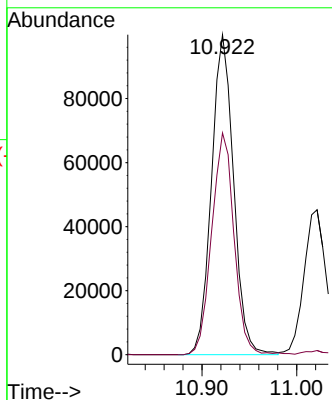
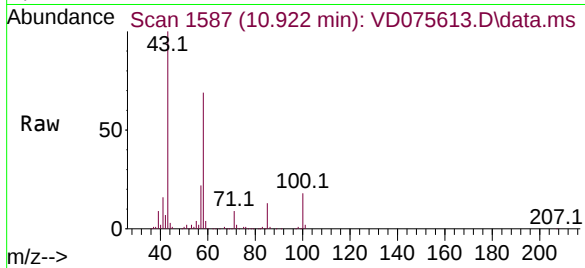




#59
2-Hexanone
Concen: 265.240 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

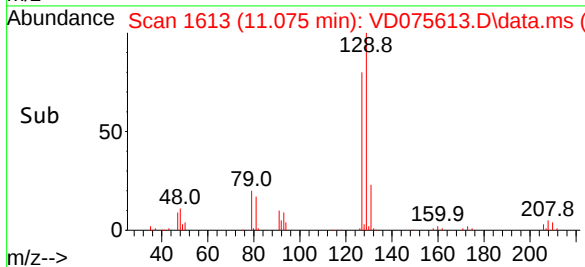
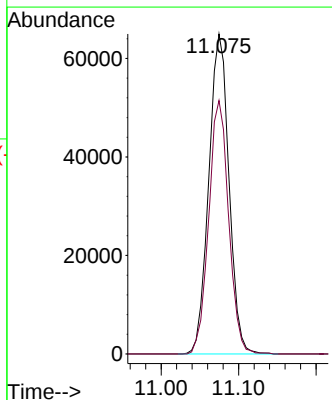
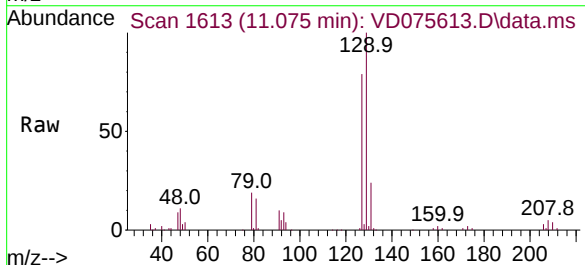
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

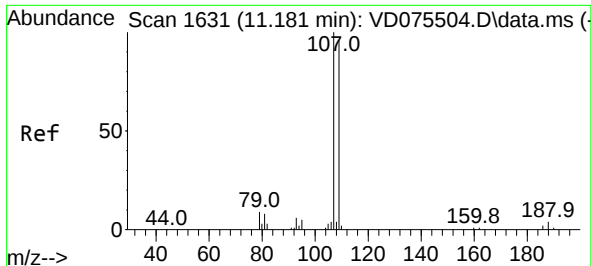
Tgt Ion: 43 Resp: 161831
Ion Ratio Lower Upper
43 100
58 70.2 25.3 75.8



#60
Dibromochloromethane
Concen: 50.958 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:129 Resp: 117380
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

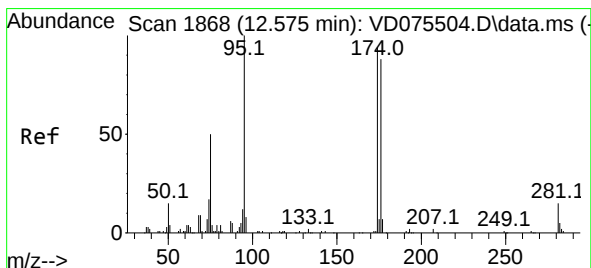
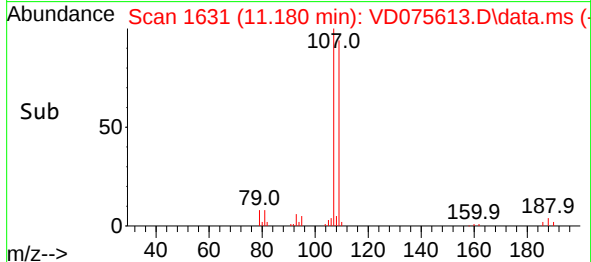
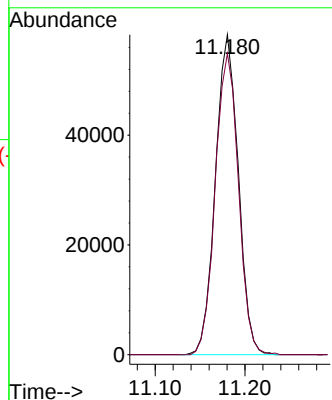
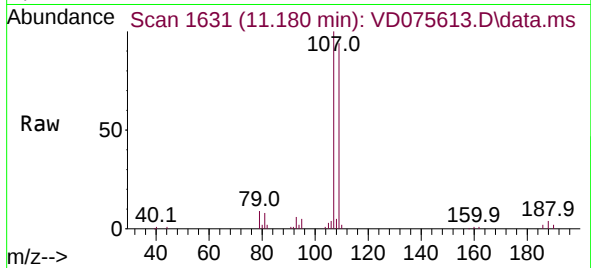




#61
1,2-Dibromoethane
Concen: 55.961 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

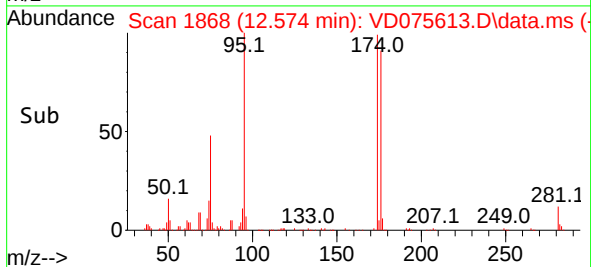
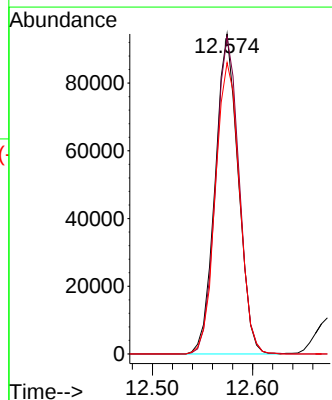
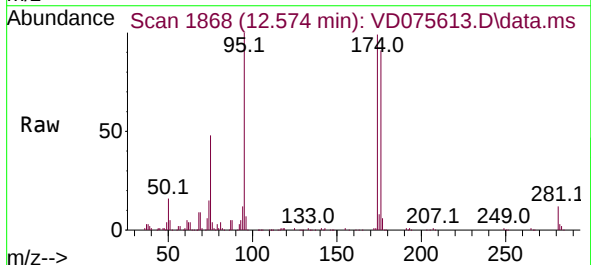
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

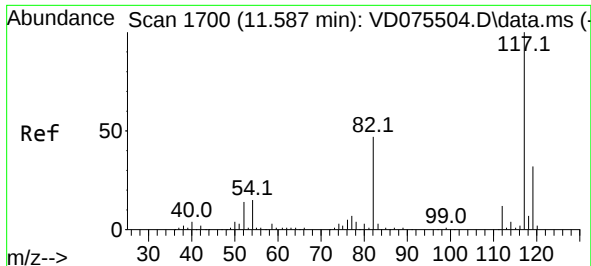
Tgt Ion:107 Resp: 103187
Ion Ratio Lower Upper
107 100
109 95.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 59.757 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 95 Resp: 151350
Ion Ratio Lower Upper
95 100
174 99.7 0.0 164.0
176 94.7 0.0 156.8

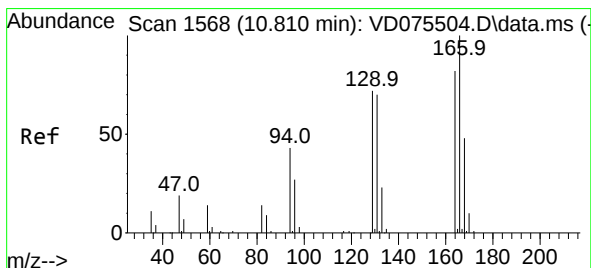
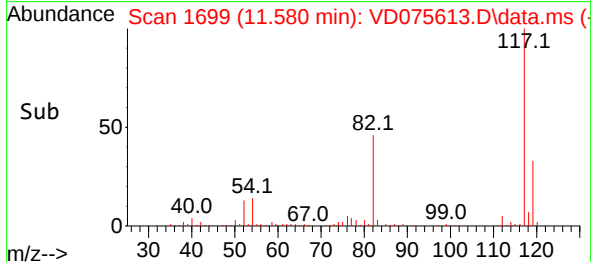
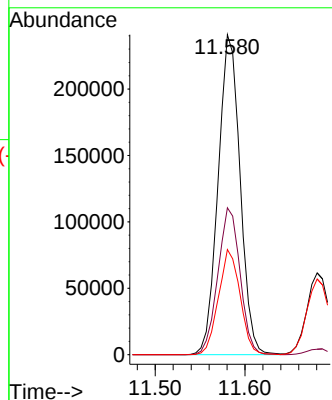
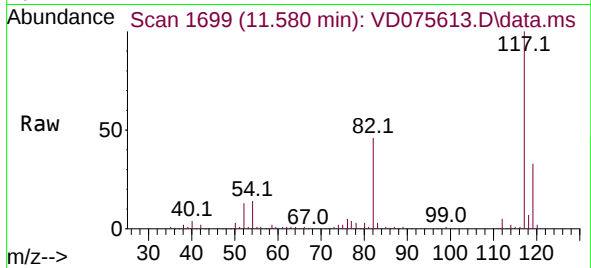




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

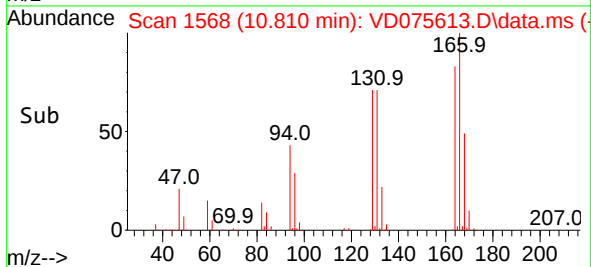
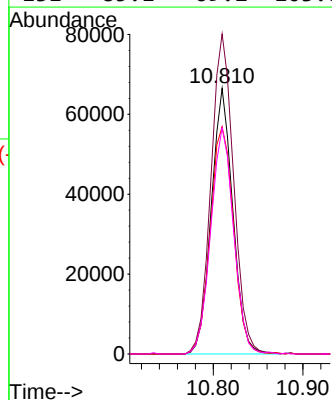
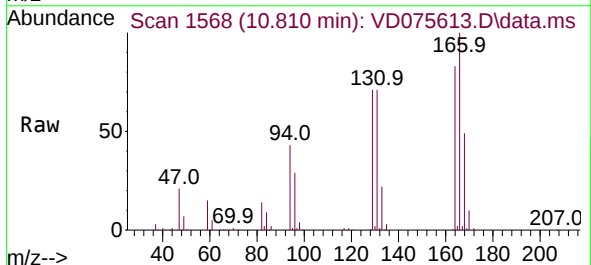
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

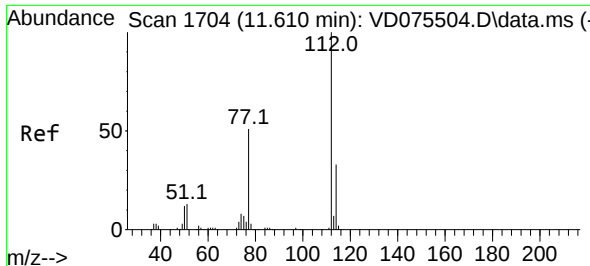
Tgt Ion:117 Resp: 410348
Ion Ratio Lower Upper
117 100
82 45.9 44.0 66.0
119 32.8 25.1 37.7



#64
Tetrachloroethene
Concen: 44.960 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:164 Resp: 110966
Ion Ratio Lower Upper
164 100
166 120.5 94.9 142.3
129 85.5 73.0 109.6
131 85.1 69.2 103.8

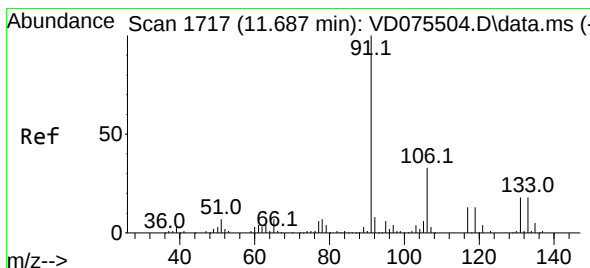
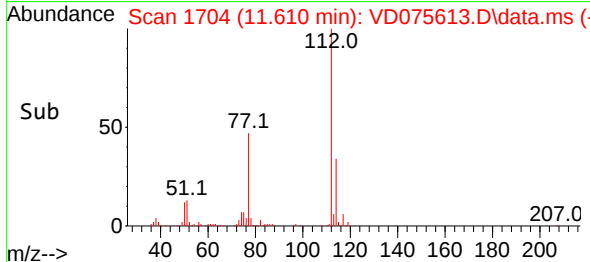
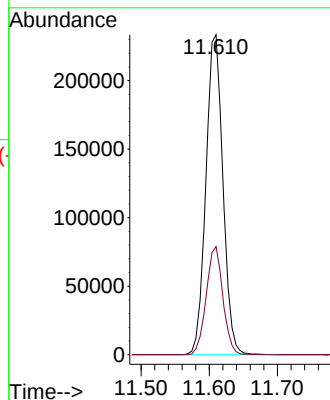
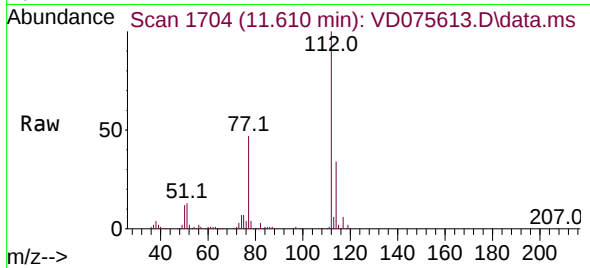




#65
Chlorobenzene
Concen: 50.876 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

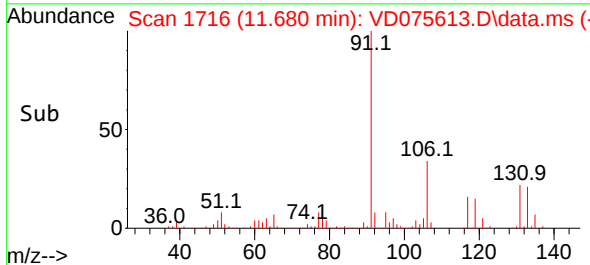
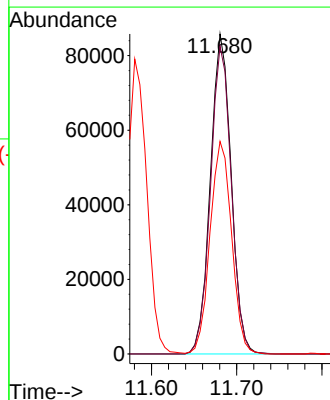
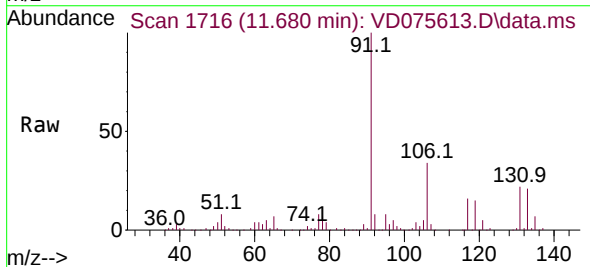
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

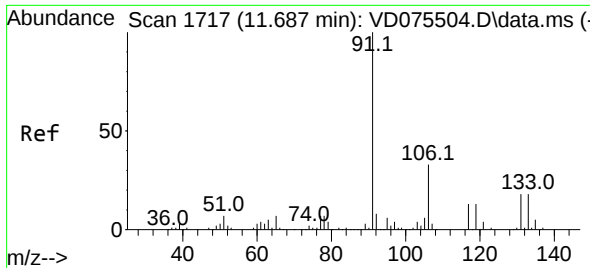
Tgt Ion:112 Resp: 405244
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.538 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:131 Resp: 145172
Ion Ratio Lower Upper
131 100
133 96.4 46.7 140.0
119 69.0 31.9 95.9

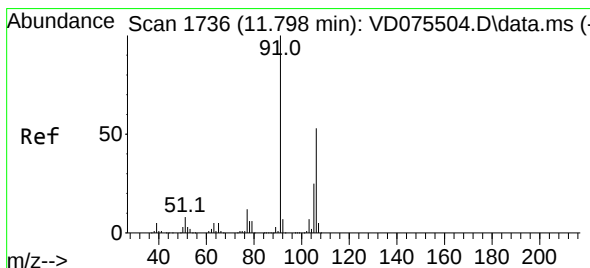
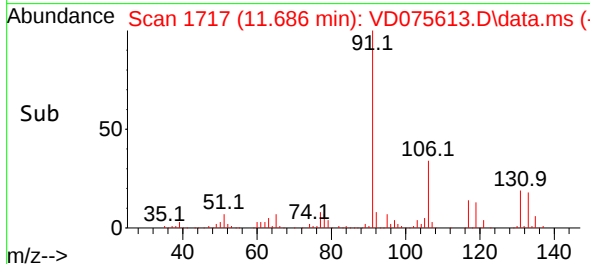
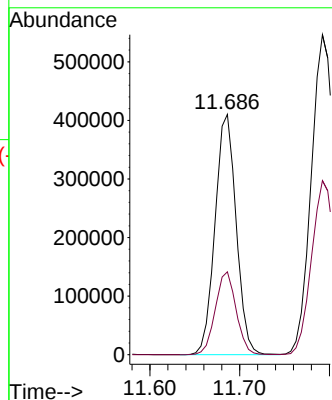
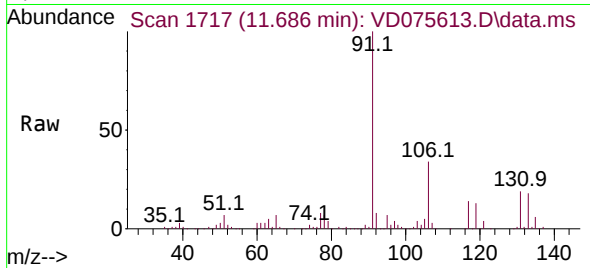




#67
Ethyl Benzene
Concen: 51.074 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

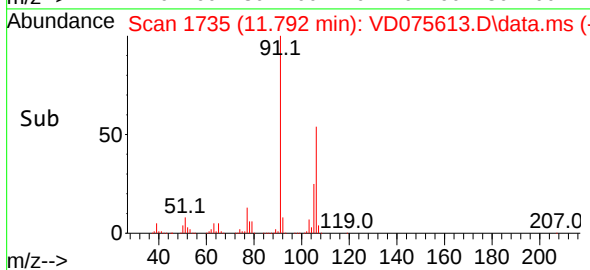
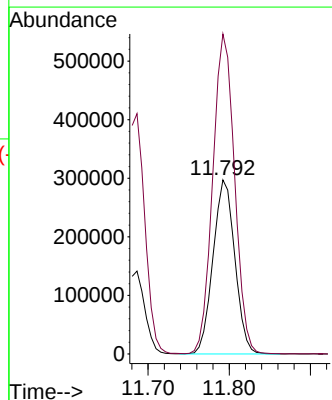
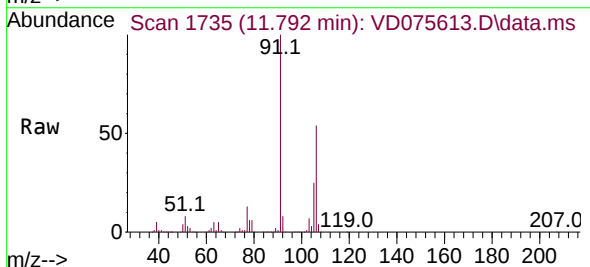
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

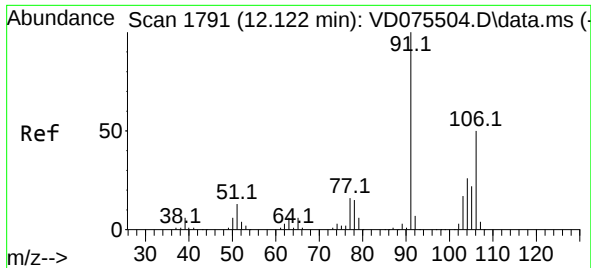
Tgt Ion: 91 Resp: 671221
Ion Ratio Lower Upper
91 100
106 34.5 24.5 36.7



#68
m/p-Xylenes
Concen: 102.617 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 106 Resp: 555466
Ion Ratio Lower Upper
106 100
91 184.0 161.5 242.3

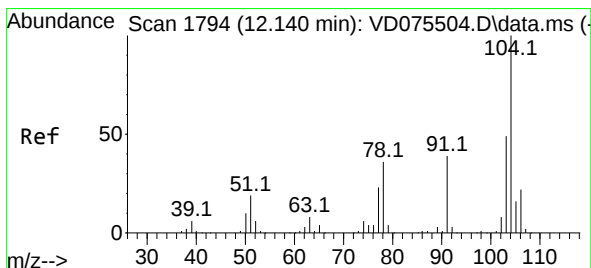
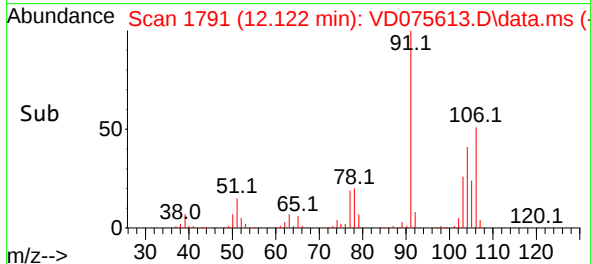
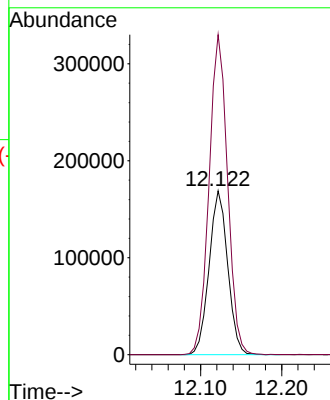
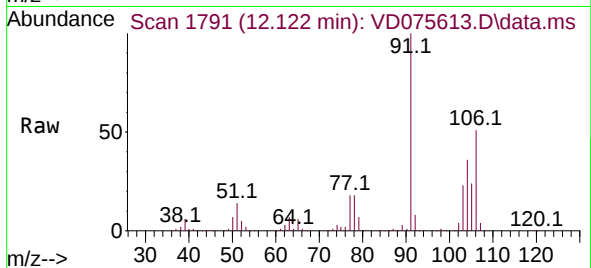




#69
o-Xylene
Concen: 55.100 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

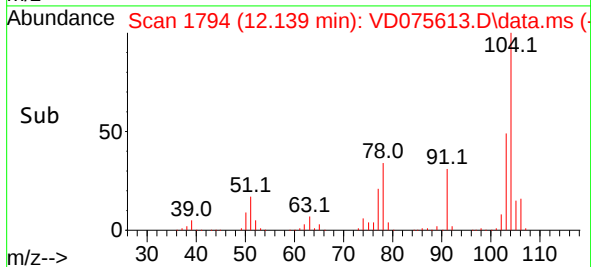
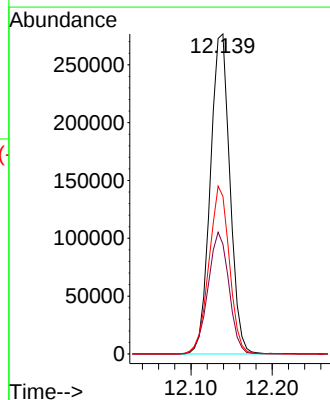
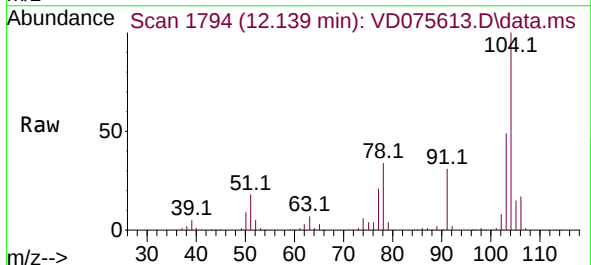
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

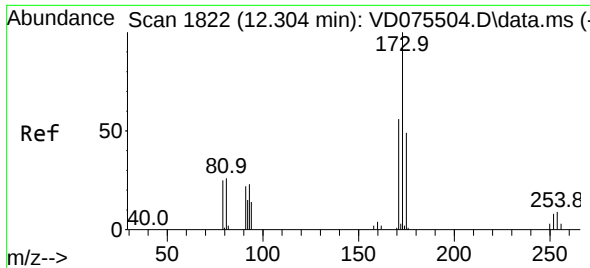
Tgt Ion:106 Resp: 268499
Ion Ratio Lower Upper
106 100
91 194.5 105.7 317.1



#70
Styrene
Concen: 55.533 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:104 Resp: 464094
Ion Ratio Lower Upper
104 100
78 40.6 40.2 60.4
103 54.6 44.2 66.2

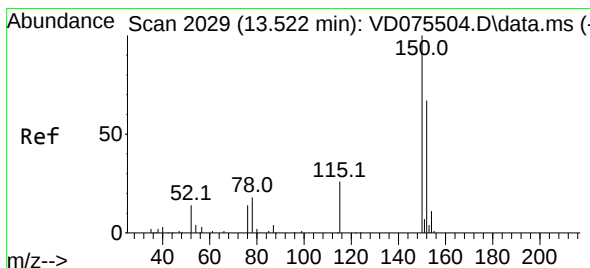
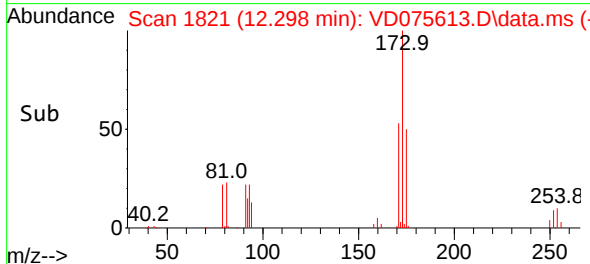
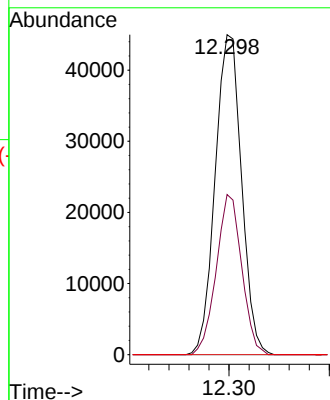
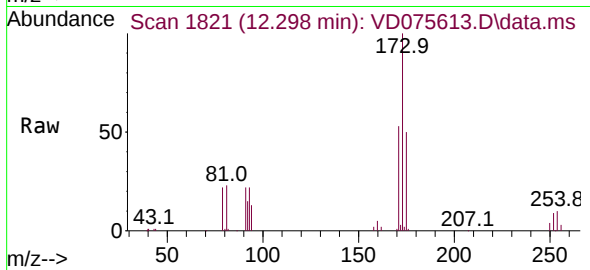




#71
Bromoform
Concen: 56.199 ug/l
RT: 12.298 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

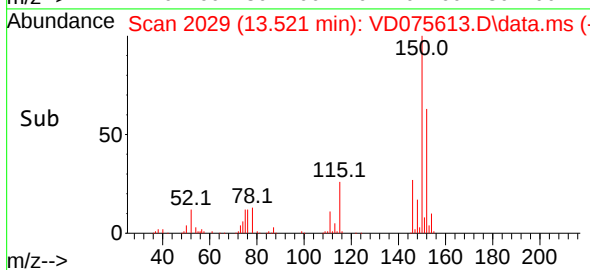
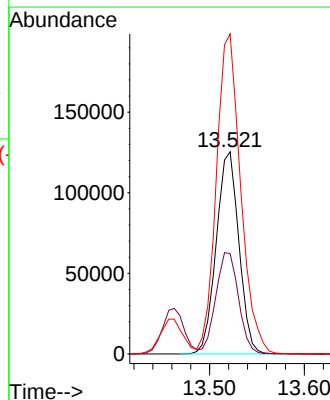
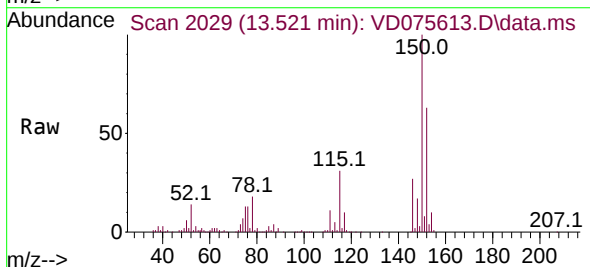
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

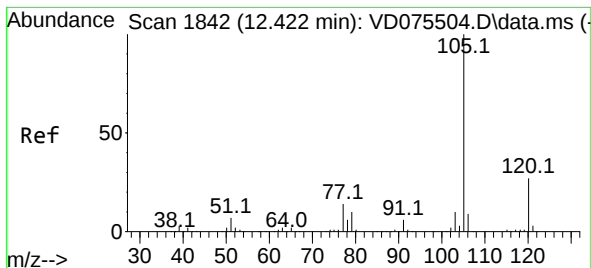
Tgt Ion:173 Resp: 81821
Ion Ratio Lower Upper
173 100
175 48.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:152 Resp: 208229
Ion Ratio Lower Upper
152 100
115 50.6 30.1 90.3
150 170.1 0.0 364.8





#73

Isopropylbenzene

Concen: 52.014 ug/l

RT: 12.422 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

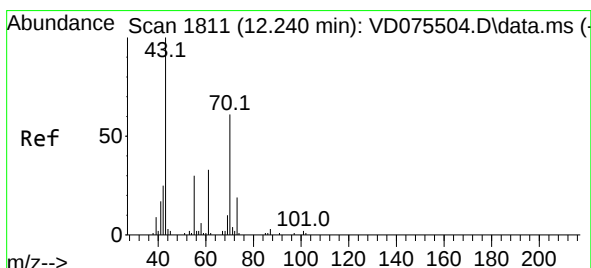
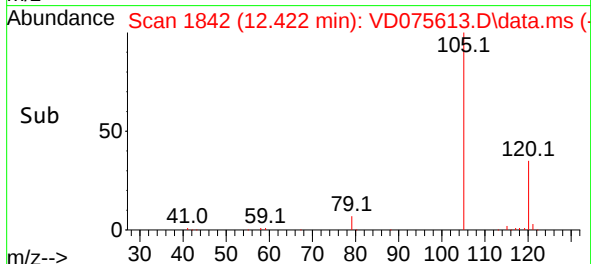
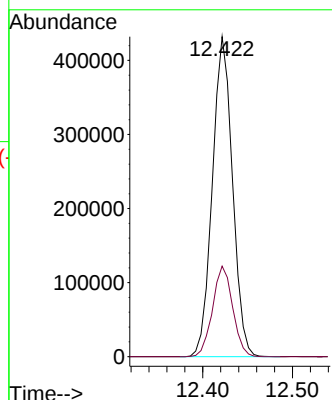
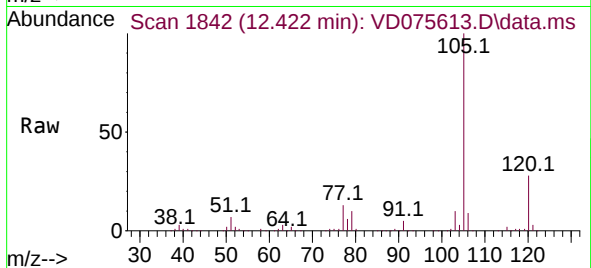
VSTDICCC050

Tgt Ion:105 Resp: 672110

Ion Ratio Lower Upper

105 100

120 28.2 13.4 40.1



#74

N-ethyl acetate

Concen: 50.424 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Tgt Ion: 43 Resp: 91382

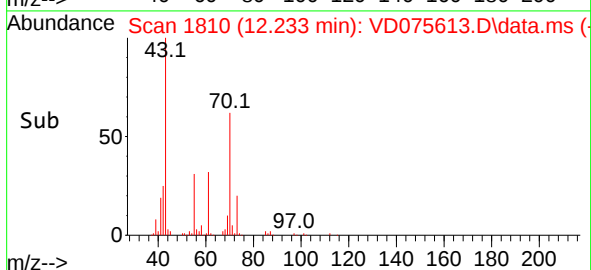
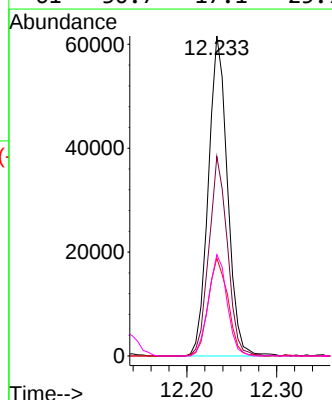
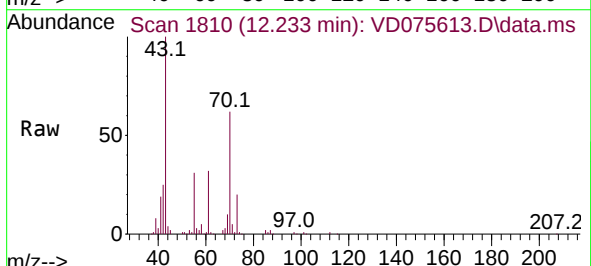
Ion Ratio Lower Upper

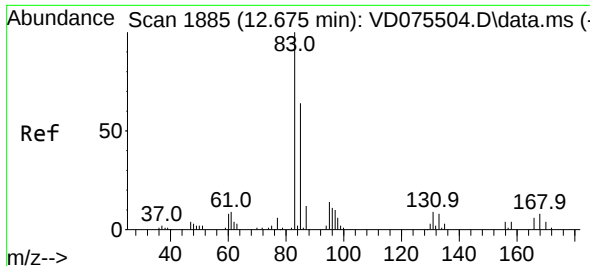
43 100

70 60.3 31.0 46.4#

55 31.4 18.6 28.0#

61 30.7 17.1 25.7#

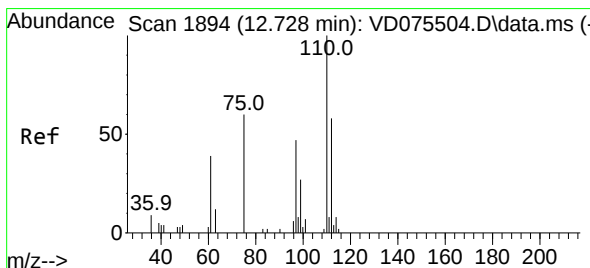
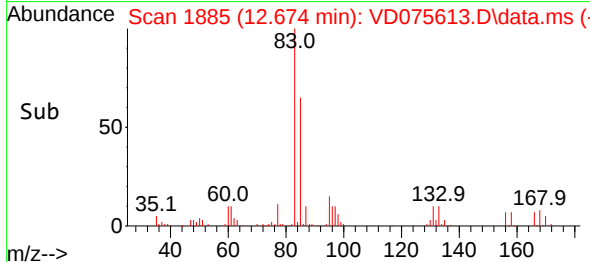
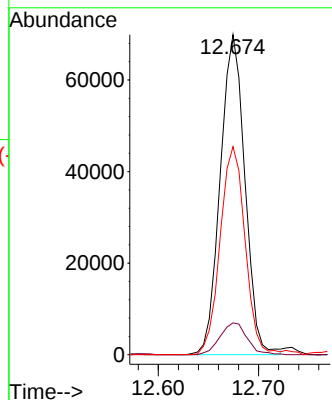
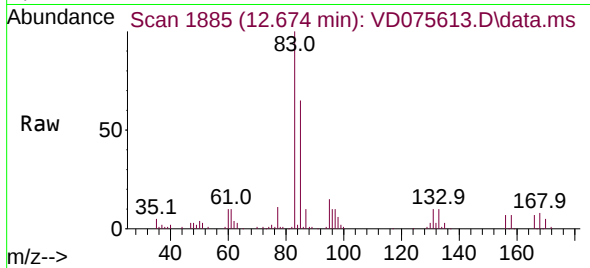




#75
1,1,2,2-Tetrachloroethane
Concen: 49.298 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

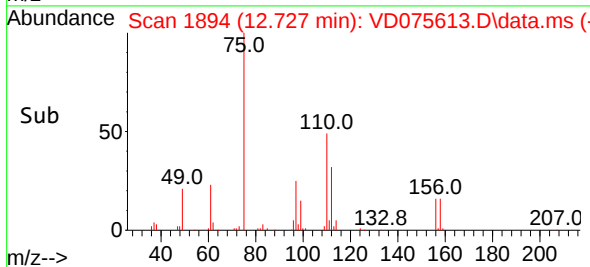
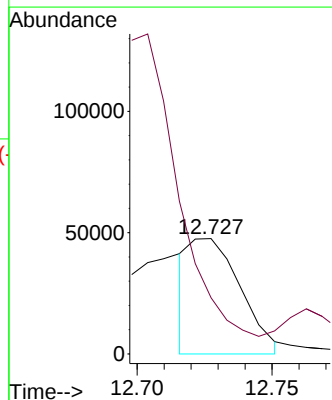
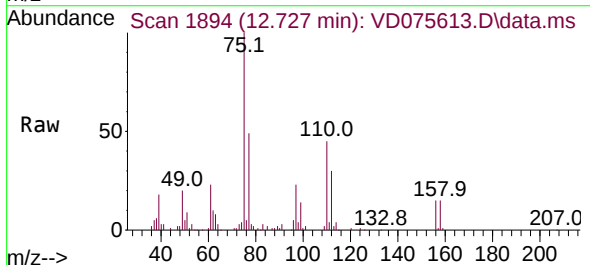
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

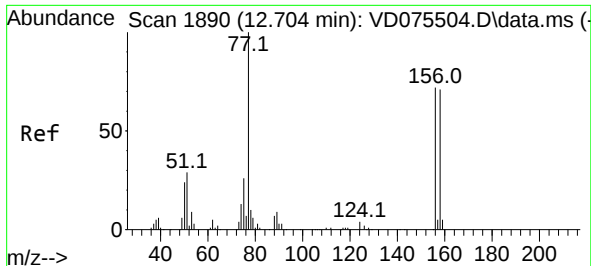
Tgt Ion: 83 Resp: 119152
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 66.3 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 38.298 ug/l m
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 75 Resp: 62411
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

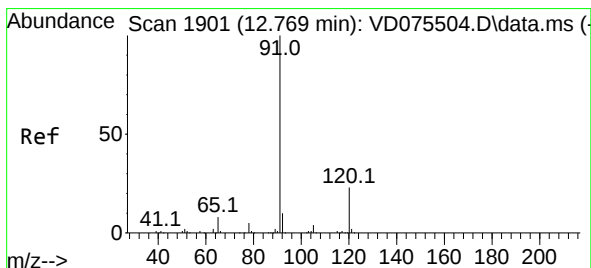
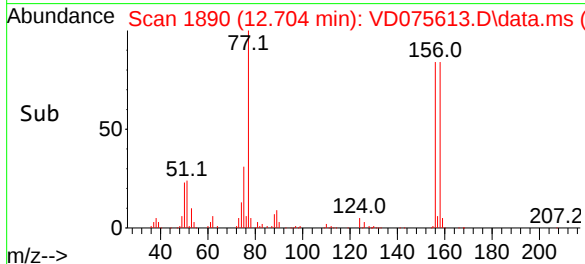
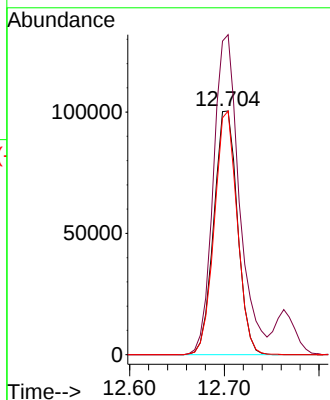
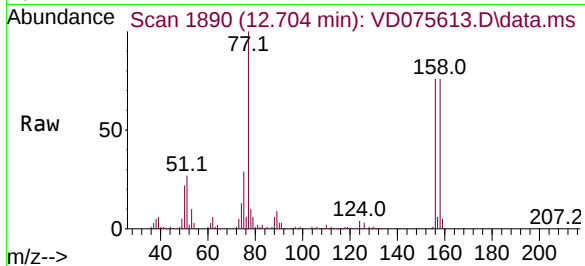




#77
Bromobenzene
Concen: 53.365 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

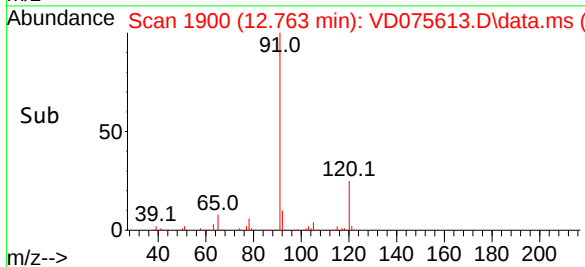
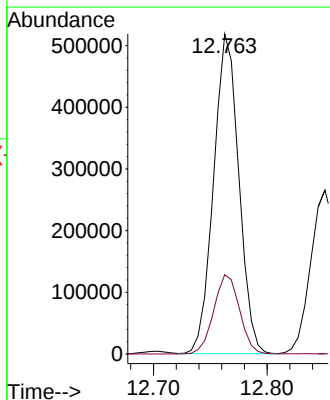
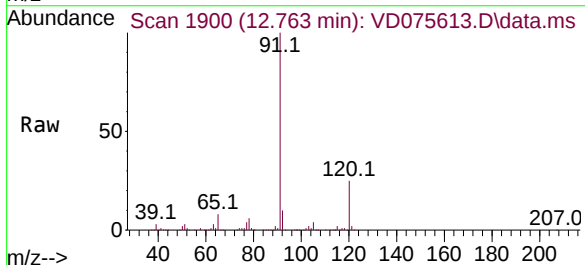
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

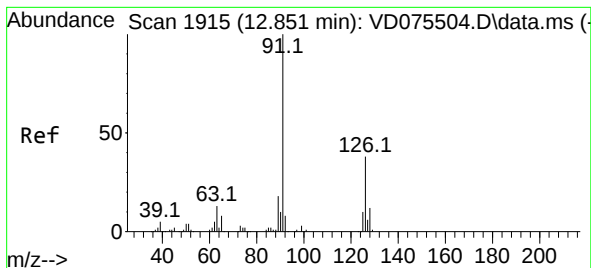
Tgt Ion:156 Resp: 174054
Ion Ratio Lower Upper
156 100
77 144.6 89.5 268.6
158 96.9 47.8 143.4



#78
n-propylbenzene
Concen: 51.536 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 91 Resp: 800667
Ion Ratio Lower Upper
91 100
120 25.3 11.4 34.2

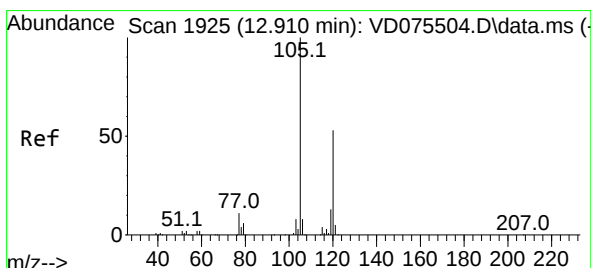
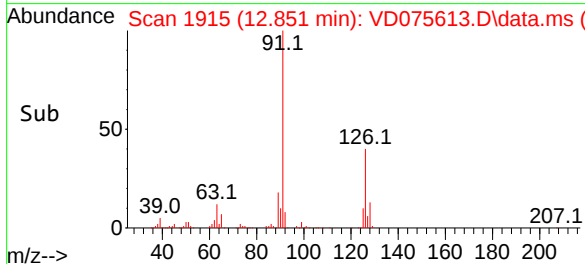
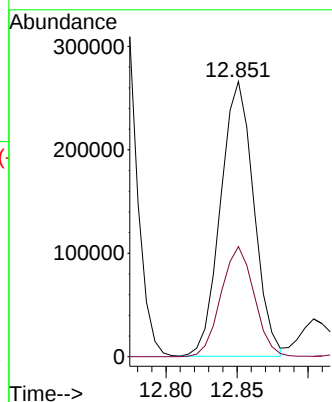
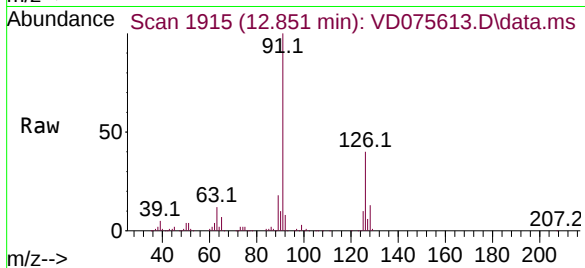




#79
2-Chlorotoluene
Concen: 50.462 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

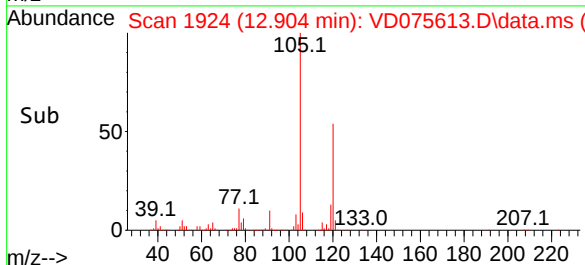
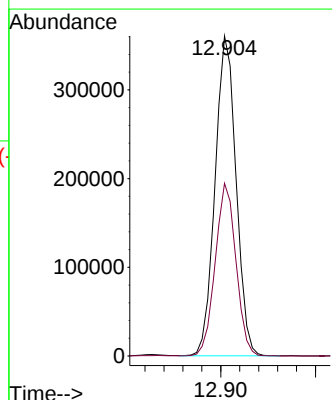
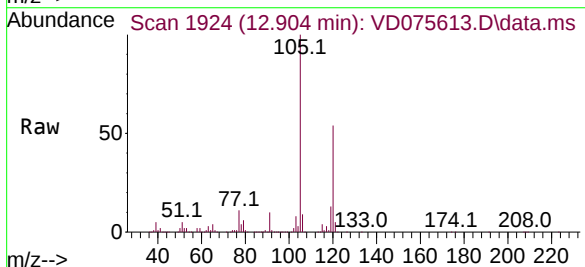
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

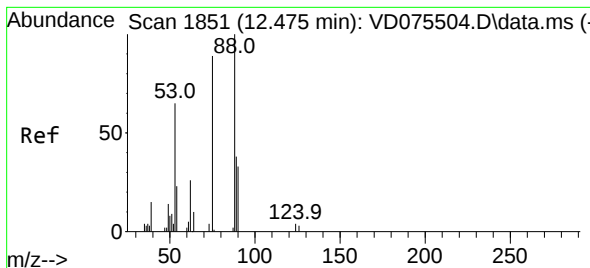
Tgt Ion: 91 Resp: 433608
Ion Ratio Lower Upper
91 100
126 40.0 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 52.462 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 105 Resp: 555190
Ion Ratio Lower Upper
105 100
120 53.3 24.3 72.8

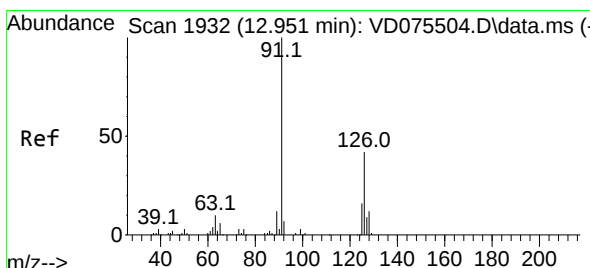
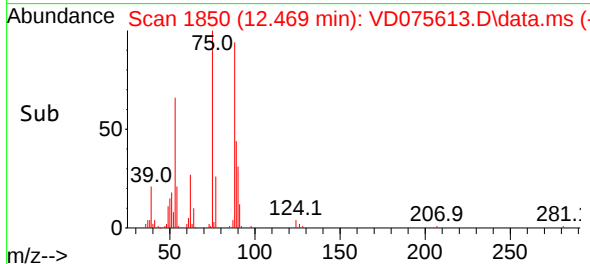
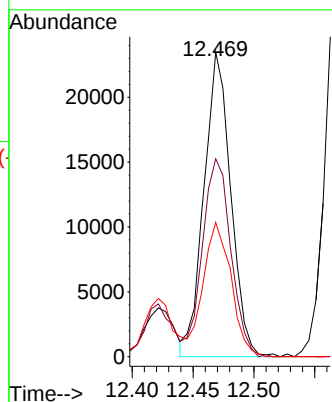
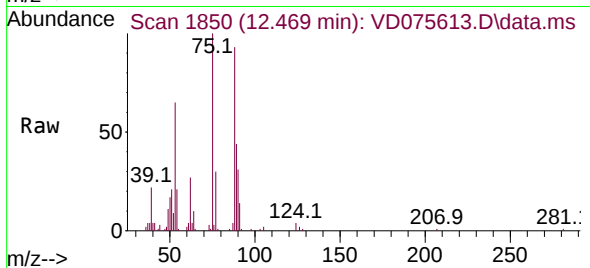




#81
trans-1,4-Dichloro-2-butene
Concen: 50.518 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

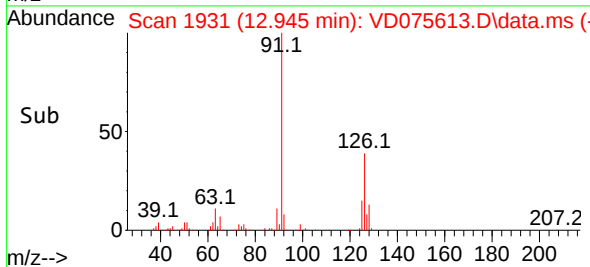
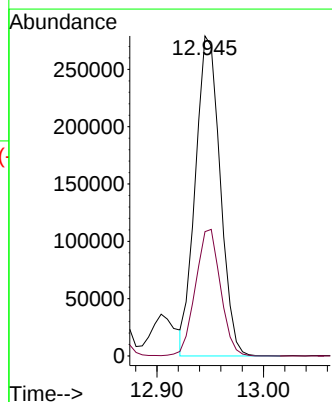
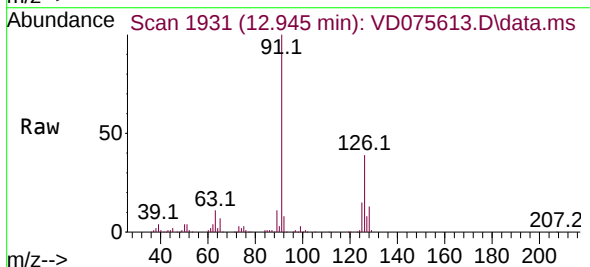
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

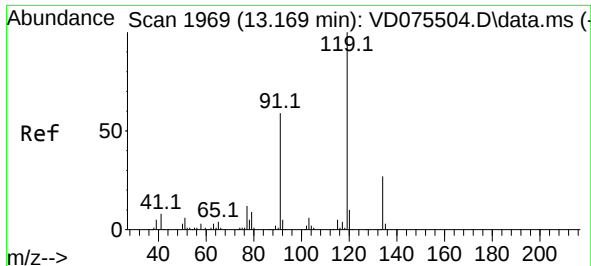
Tgt Ion: 75 Resp: 35921
Ion Ratio Lower Upper
75 100
53 69.2 90.5 135.7#
89 45.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.608 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 91 Resp: 451098
Ion Ratio Lower Upper
91 100
126 40.0 17.1 51.2

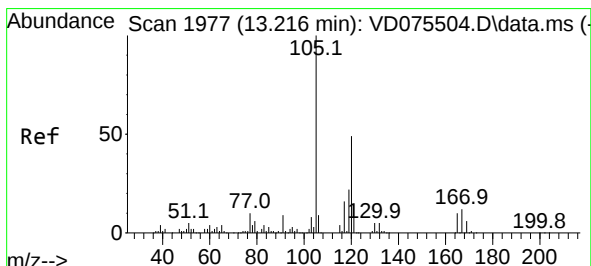
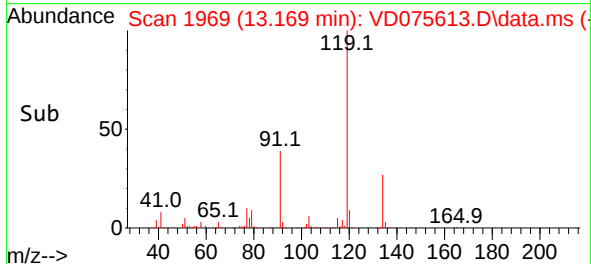
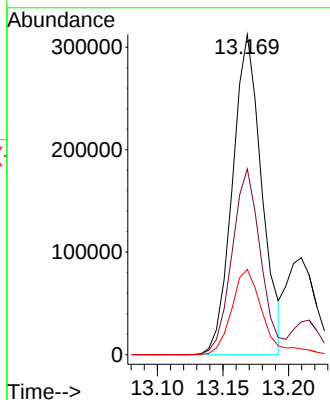
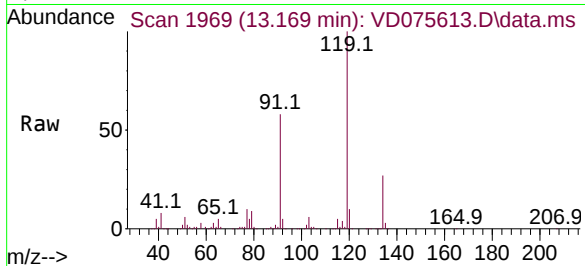




#83
tert-Butylbenzene
Concen: 52.859 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

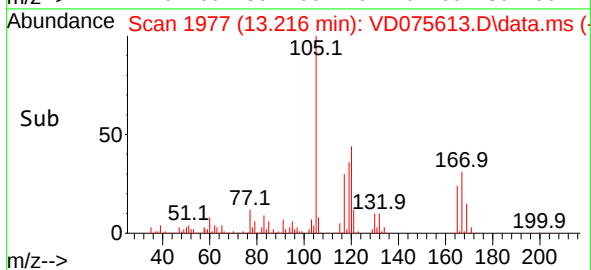
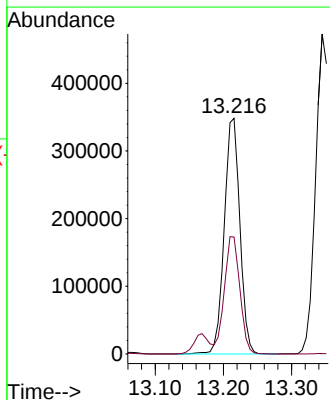
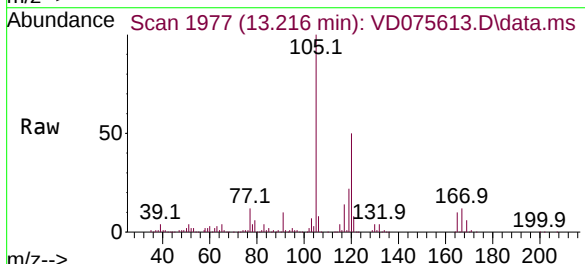
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

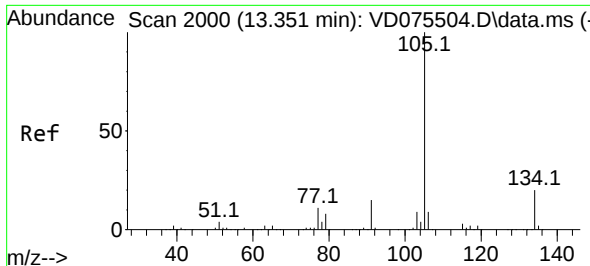
Tgt Ion:119 Resp: 485699
Ion Ratio Lower Upper
119 100
91 57.5 32.4 97.0
134 28.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 51.970 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:105 Resp: 555393
Ion Ratio Lower Upper
105 100
120 49.3 22.3 66.9

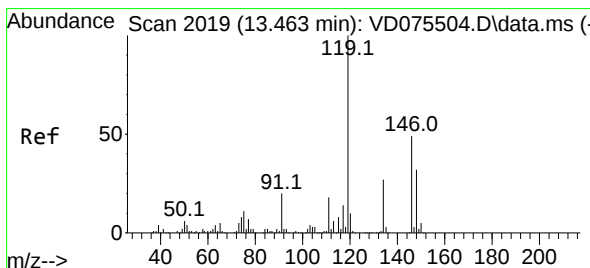
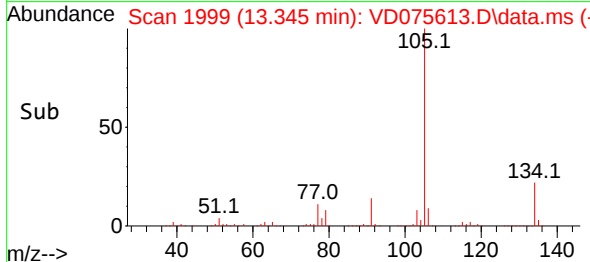
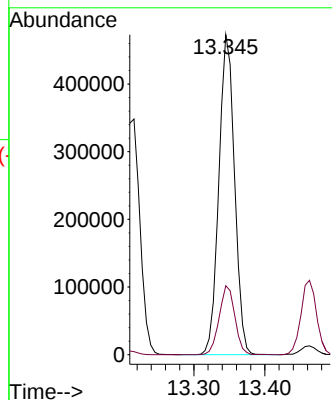
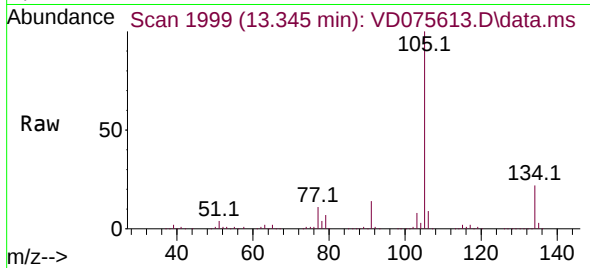




#85
 sec-Butylbenzene
 Concen: 51.414 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

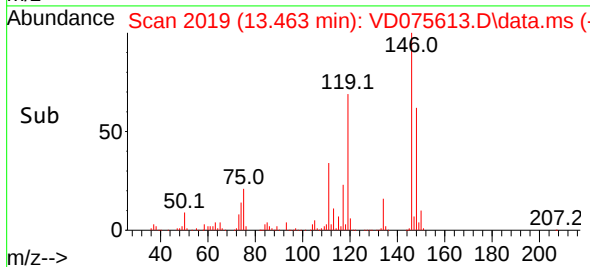
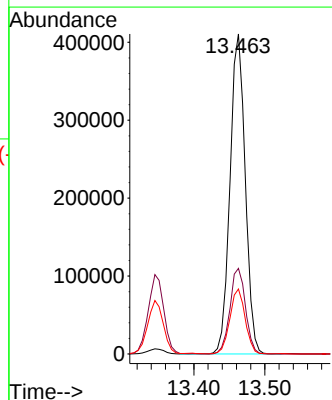
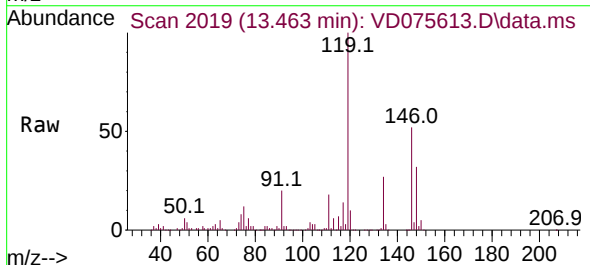
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

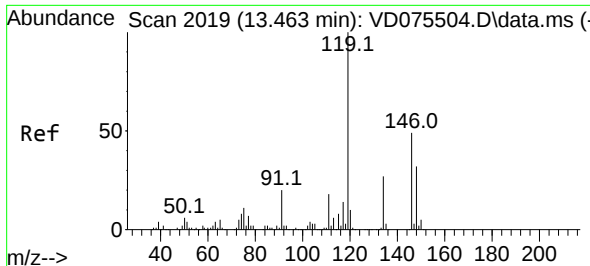
Tgt Ion:105 Resp: 721943
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.799 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

Tgt Ion:119 Resp: 611417
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 20.3 12.4 37.4

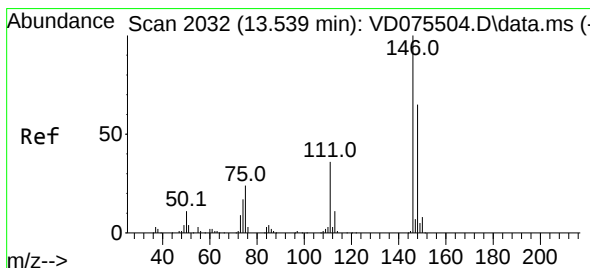
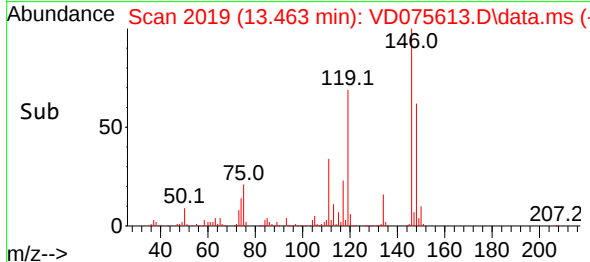
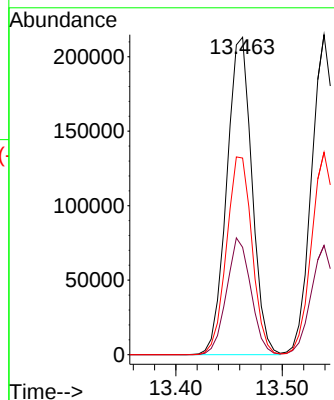
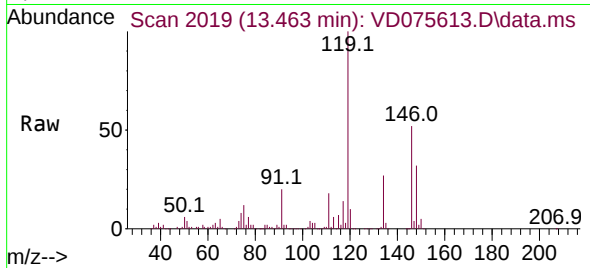




#87
1,3-Dichlorobenzene
Concen: 51.441 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

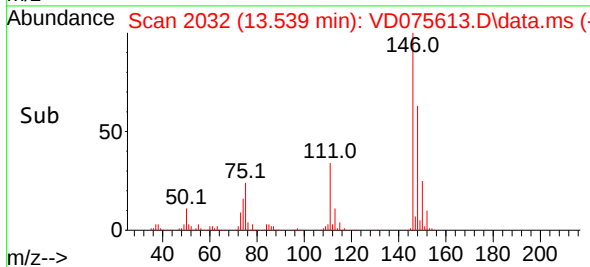
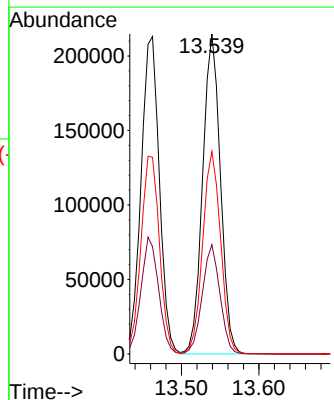
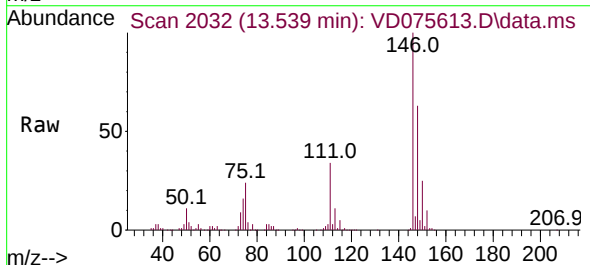
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

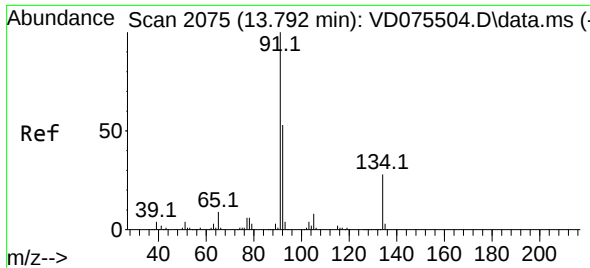
Tgt Ion:146 Resp: 350352
Ion Ratio Lower Upper
146 100
111 35.6 19.8 59.3
148 63.2 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 50.861 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion:146 Resp: 342590
Ion Ratio Lower Upper
146 100
111 34.0 19.6 58.8
148 63.9 31.7 95.1

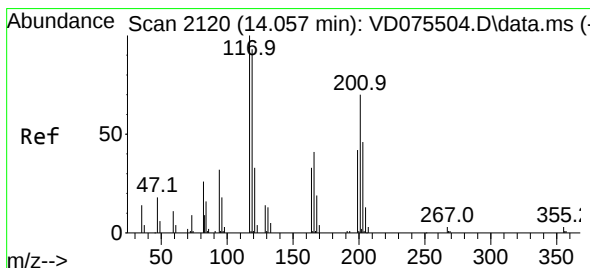
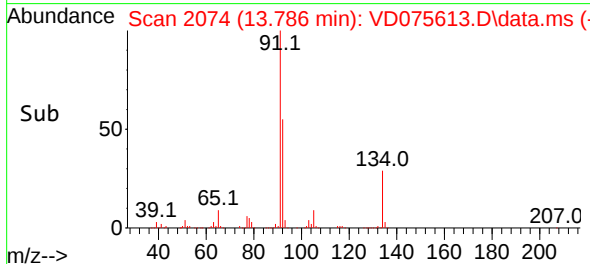
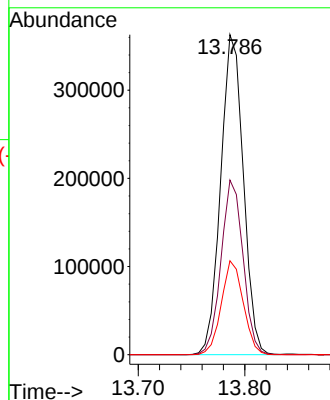
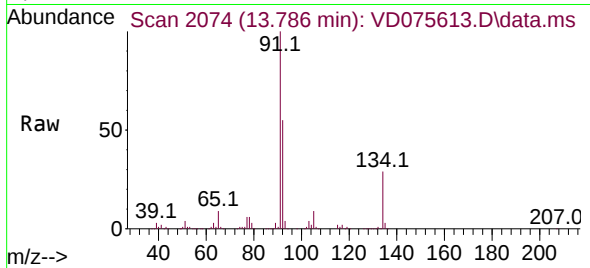




#89
n-Butylbenzene
Concen: 49.933 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

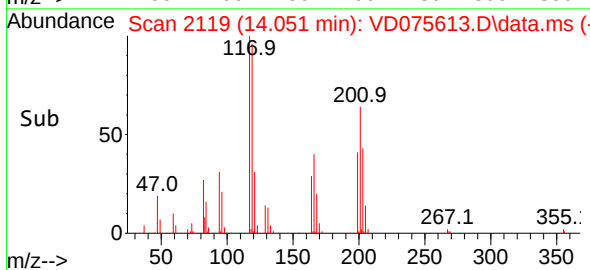
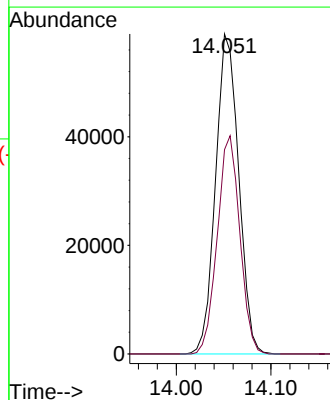
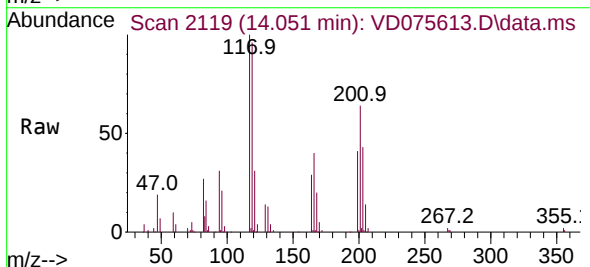
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

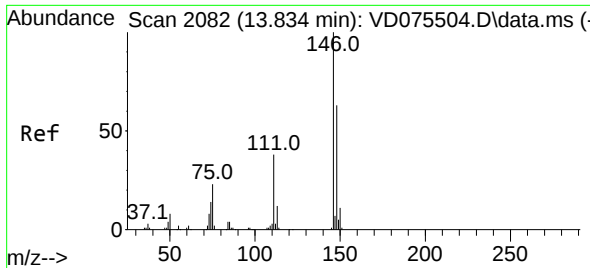
Tgt Ion: 91 Resp: 535867
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.5
134 28.4 12.7 38.0



#90
Hexachloroethane
Concen: 44.810 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075613.D
Acq: 10 Apr 2023 18:23

Tgt Ion: 117 Resp: 100049
Ion Ratio Lower Upper
117 100
201 66.4 34.5 103.6

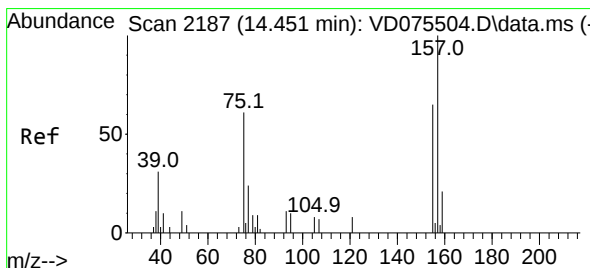
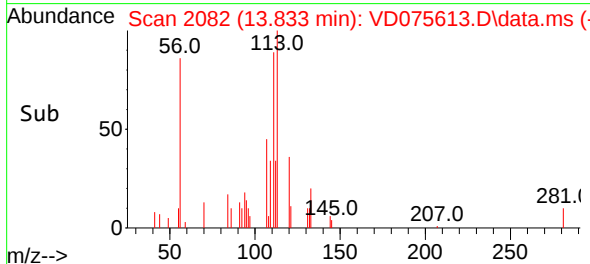
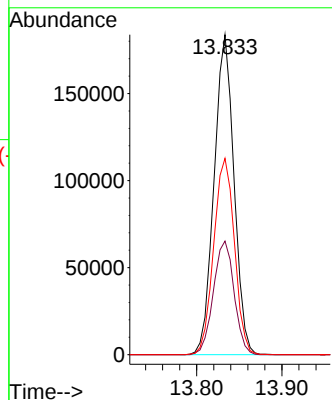
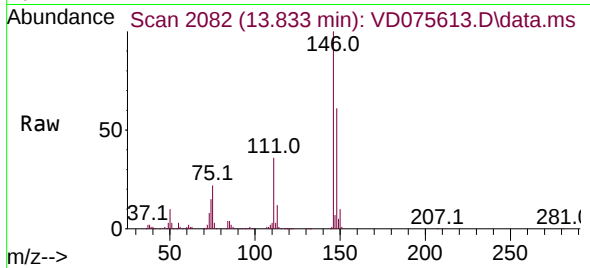




#91
 1,2-Dichlorobenzene
 Concen: 50.828 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

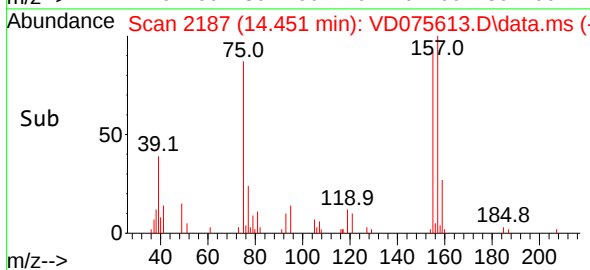
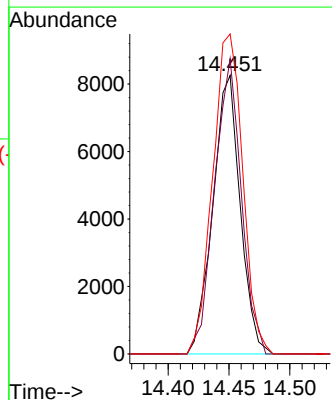
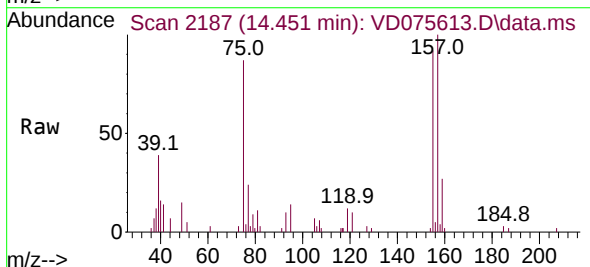
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

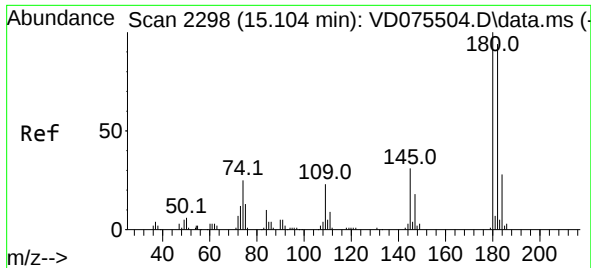
Tgt Ion:146 Resp: 298398
 Ion Ratio Lower Upper
 146 100
 111 36.9 20.6 61.8
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.697 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.005 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

Tgt Ion: 75 Resp: 12909
 Ion Ratio Lower Upper
 75 100
 155 104.1 39.5 118.5
 157 126.4 53.5 160.7

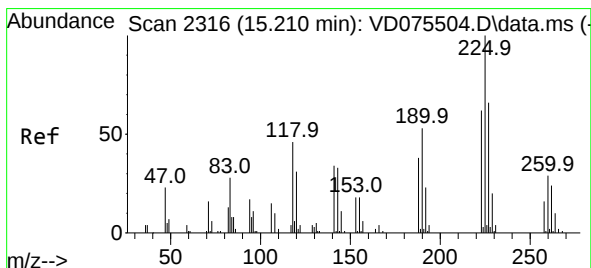
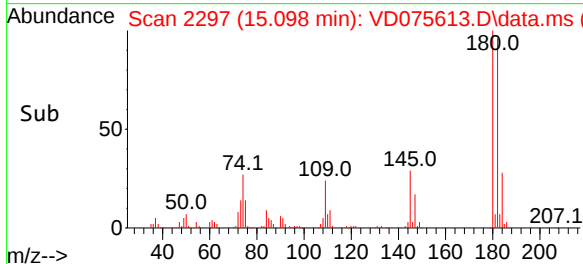
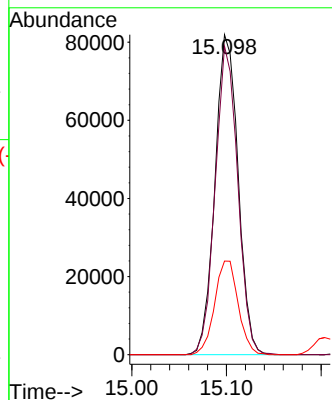
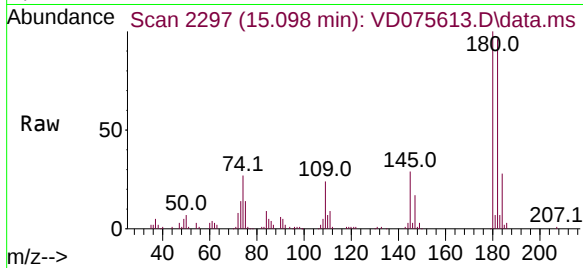




#93
 1,2,4-Trichlorobenzene
 Concen: 44.634 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

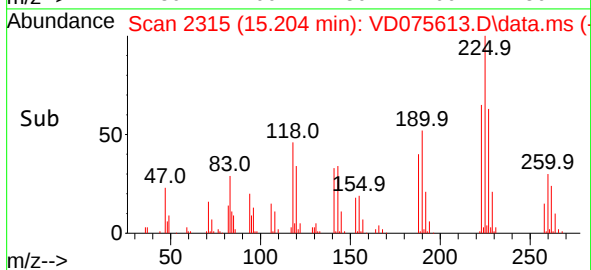
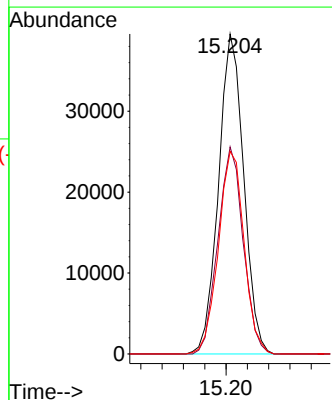
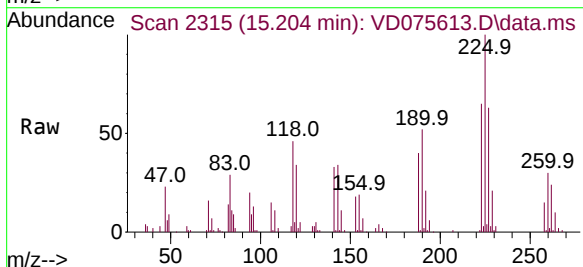
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

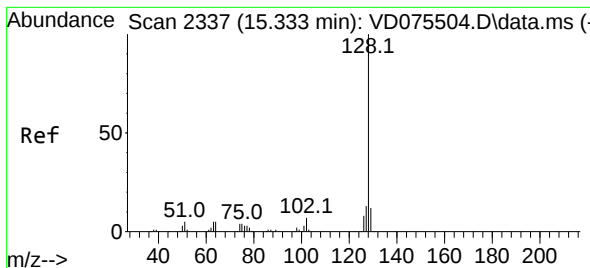
Tgt Ion:180 Resp: 138978
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.9 143.7
 145 29.9 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 43.959 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.006 min
 Lab File: VD075613.D
 Acq: 10 Apr 2023 18:23

Tgt Ion:225 Resp: 64836
 Ion Ratio Lower Upper
 225 100
 223 65.0 33.1 99.2
 227 64.4 31.9 95.9





#95

Naphthalene

Concen: 45.679 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

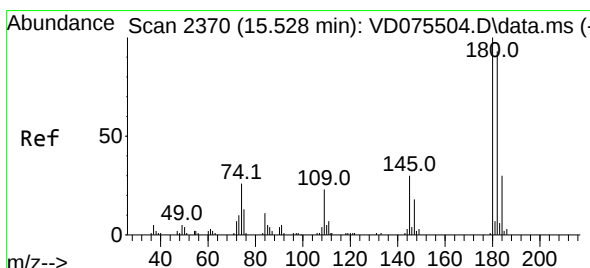
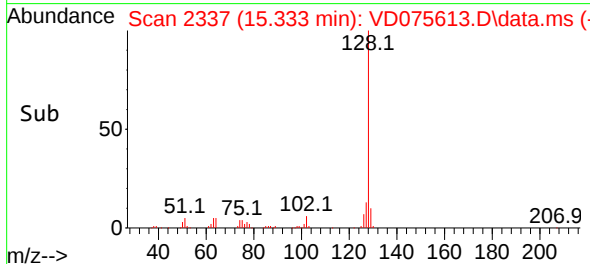
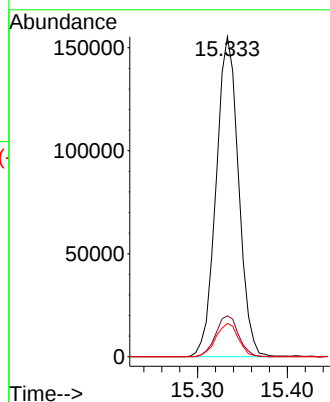
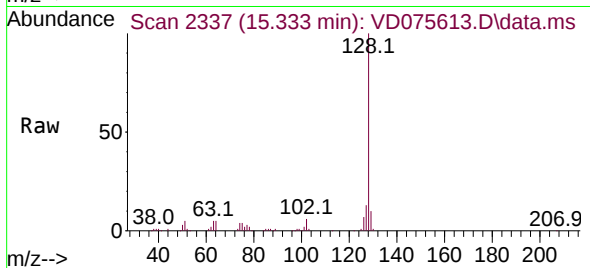
Tgt Ion:128 Resp: 270065

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 44.063 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075613.D

Acq: 10 Apr 2023 18:23

Tgt Ion:180 Resp: 121561

Ion Ratio Lower Upper

180 100

182 92.7 47.7 143.1

145 31.0 16.4 49.4

