

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075087.D
 Acq On : 09 Jan 2023 12:04
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 10 02:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	185221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5928	5.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.720%#
35) Dibromofluoromethane	7.810	113	6050	5.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.380%#
50) Toluene-d8	10.269	98	25929	5.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.220%#
62) 4-Bromofluorobenzene	12.575	95	8696	5.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.720%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	3377	5.655	ug/l	98
3) Chloromethane	2.146	50	5322	5.680	ug/l	95
4) Vinyl Chloride	2.281	62	4792	4.693	ug/l	98
5) Bromomethane	2.693	94	3875	5.640	ug/l	85
6) Chloroethane	2.834	64	3633	4.729	ug/l	95
7) Trichlorofluoromethane	3.175	101	6920	4.757	ug/l	98
8) Diethyl Ether	3.599	74	2401	4.756	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	5309	5.260	ug/l	93
10) Methyl Iodide	4.163	142	3841	3.770	ug/l #	96
11) Tert butyl alcohol	5.028	59	1323	20.810	ug/l #	78
12) 1,1-Dichloroethene	3.946	96	4752	5.077	ug/l	96
13) Acrolein	3.805	56	2509	24.919	ug/l	96
14) Allyl chloride	4.558	41	7779	4.855	ug/l	98
15) Acrylonitrile	5.263	53	6459	24.817	ug/l #	90
16) Acetone	4.028	43	6080	23.188	ug/l #	87
17) Carbon Disulfide	4.269	76	7344	4.008	ug/l #	93
18) Methyl Acetate	4.563	43	5564	7.120	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	12306	5.020	ug/l	99
20) Methylene Chloride	4.810	84	15475	8.315	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	5140	5.009	ug/l #	81
22) Diisopropyl ether	6.216	45	17109	4.989	ug/l #	94
23) Vinyl Acetate	6.163	43	13748	12.955	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	10814	5.244	ug/l	97
25) 2-Butanone	7.087	43	8721	25.108	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	9677	5.232	ug/l	88
27) cis-1,2-Dichloroethene	7.087	96	6451	4.979	ug/l	87
28) Bromochloromethane	7.422	49	3606	5.041	ug/l #	94
29) Tetrahydrofuran	7.446	42	4966	25.414	ug/l #	75
30) Chloroform	7.593	83	10816	5.176	ug/l	88
31) Cyclohexane	7.869	56	9885	6.051	ug/l #	87
32) 1,1,1-Trichloroethane	7.798	97	9431	5.259	ug/l	94
36) 1,1-Dichloropropene	8.004	75	7310	5.071	ug/l	98
37) Ethyl Acetate	7.175	43	5055	6.277	ug/l	95
38) Carbon Tetrachloride	7.998	117	5550	4.395	ug/l	91
39) Methylcyclohexane	9.275	83	8287	4.970	ug/l #	83
40) Benzene	8.251	78	21934	5.100	ug/l	97

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	2643	5.653	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	6185	5.132	ug/l	85
43) Isopropyl Acetate	8.363	43	6699	4.829	ug/l	99
44) Trichloroethene	9.028	130	6610	5.347	ug/l	98
45) 1,2-Dichloropropane	9.304	63	5960	5.086	ug/l	100
46) Dibromomethane	9.398	93	2835	4.787	ug/l	94
47) Bromodichloromethane	9.581	83	7553	4.883	ug/l #	98
48) Methyl methacrylate	9.375	41	3260	5.216	ug/l	95
49) 1,4-Dioxane	9.381	88	640	99.220	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	17375	24.805	ug/l	97
52) Toluene	10.334	92	14759	5.293	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	6796	4.808	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	8490	4.904	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	4439	5.146	ug/l #	92
56) Ethyl methacrylate	10.598	69	5091	4.886	ug/l	97
57) 1,3-Dichloropropane	10.881	76	7267	5.071	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	7507	19.083	ug/l	97
59) 2-Hexanone	10.922	43	11693	23.865	ug/l	100
60) Dibromochloromethane	11.075	129	5051	4.945	ug/l	94
61) 1,2-Dibromoethane	11.175	107	3955	5.050	ug/l	92
64) Tetrachloroethene	10.816	164	6109	5.952	ug/l	94
65) Chlorobenzene	11.610	112	16404	5.445	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	5577	5.239	ug/l	99
67) Ethyl Benzene	11.687	91	28623	5.336	ug/l	95
68) m/p-Xylenes	11.798	106	22606	10.933	ug/l	98
69) o-Xylene	12.122	106	10846	5.412	ug/l	95
70) Styrene	12.139	104	18366	5.484	ug/l	98
71) Bromoform	12.304	173	2698	4.716	ug/l #	89
73) Isopropylbenzene	12.422	105	27697	5.091	ug/l	98
74) N-amyl acetate	12.234	43	6029	4.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	4623	4.959	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	6050	7.946	ug/l #	1
77) Bromobenzene	12.704	156	6231	5.232	ug/l	95
78) n-propylbenzene	12.763	91	33472	5.130	ug/l	99
79) 2-Chlorotoluene	12.851	91	19264	5.373	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	23727	5.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1247	4.770	ug/l	94
82) 4-Chlorotoluene	12.945	91	19663	5.354	ug/l	99
83) tert-Butylbenzene	13.169	119	20974	5.385	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	22568	5.291	ug/l	97
85) sec-Butylbenzene	13.351	105	30482	5.165	ug/l	97
86) p-Isopropyltoluene	13.463	119	24742	5.190	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	12659	5.339	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	12785	5.332	ug/l	90
89) n-Butylbenzene	13.792	91	24218	5.166	ug/l	97
90) Hexachloroethane	14.057	117	4042	4.864	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	11238	5.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	868	5.789	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	7011	5.109	ug/l	98
94) Hexachlorobutadiene	15.210	225	3235	4.729	ug/l	87
95) Naphthalene	15.333	128	13029	4.835	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	5747	4.848	ug/l	97

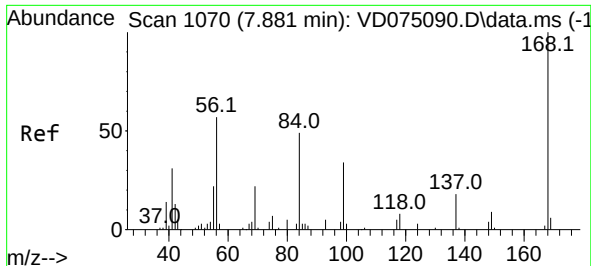
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
Data File : VD075087.D
Acq On : 09 Jan 2023 12:04
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Jan 10 02:58:35 2023
Response via : Initial Calibration

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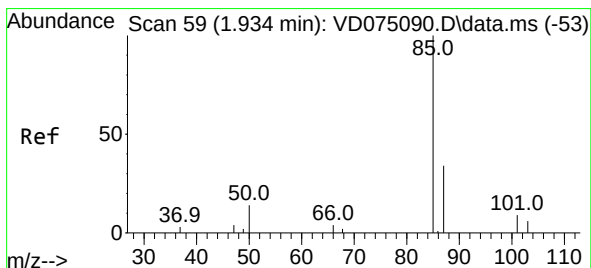
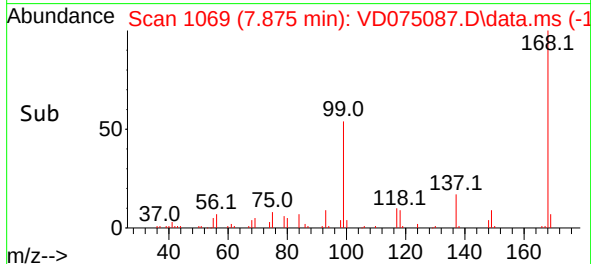
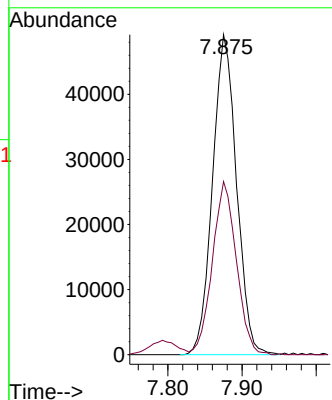
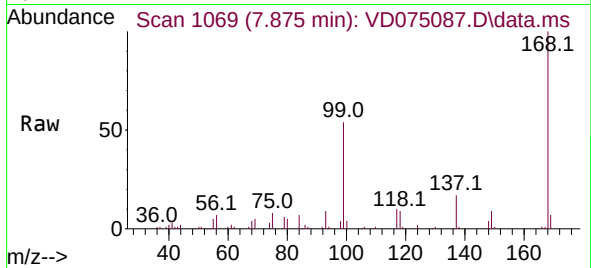
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

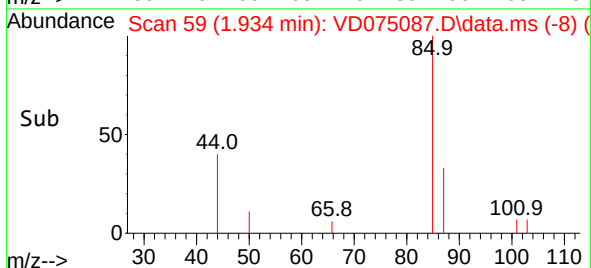
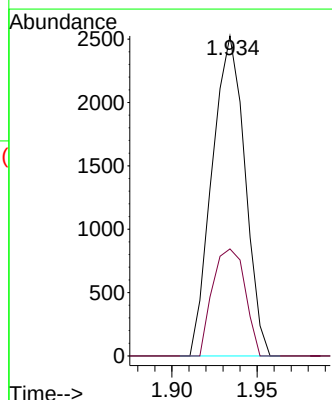
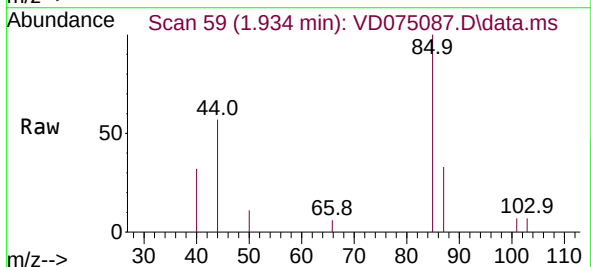
Instrument :
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VSTDIC005

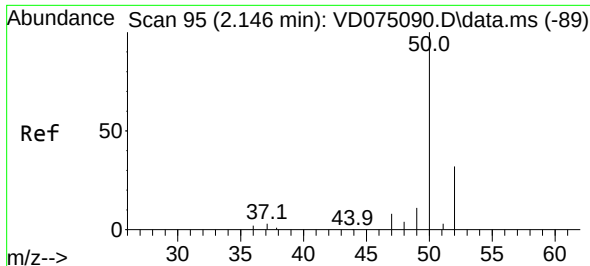
Tgt Ion:168 Resp: 110382
Ion Ratio Lower Upper
168 100
99 53.8 43.2 64.8



#2
Dichlorodifluoromethane
Concen: 5.655 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 85 Resp: 3377
Ion Ratio Lower Upper
85 100
87 33.5 17.2 51.6

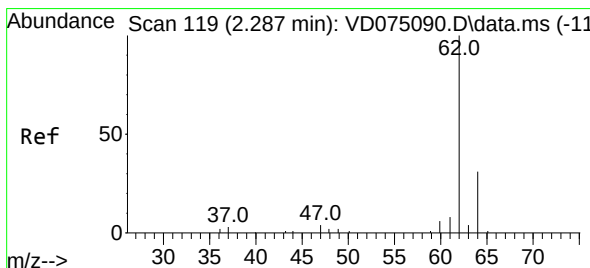
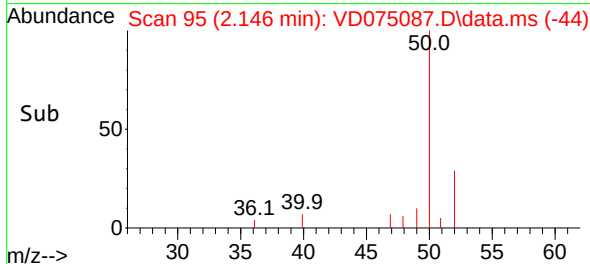
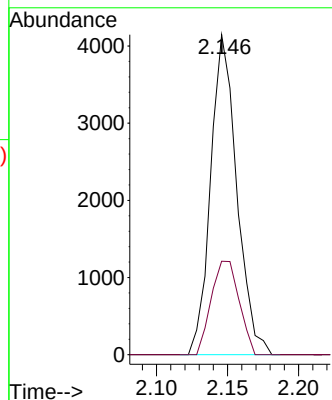
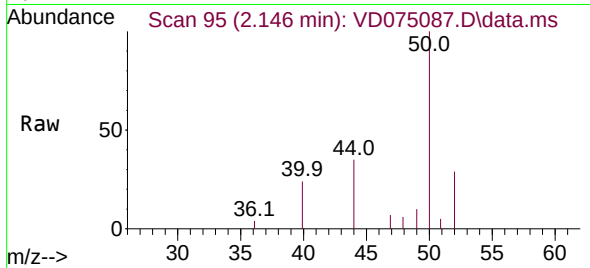




#3
Chloromethane
Concen: 5.680 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

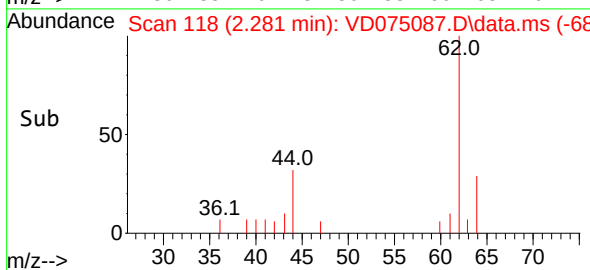
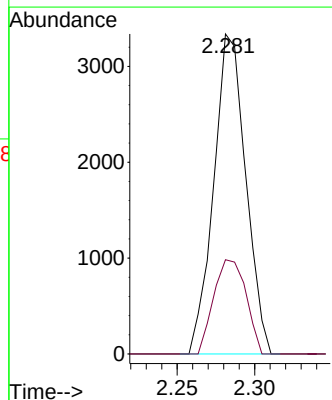
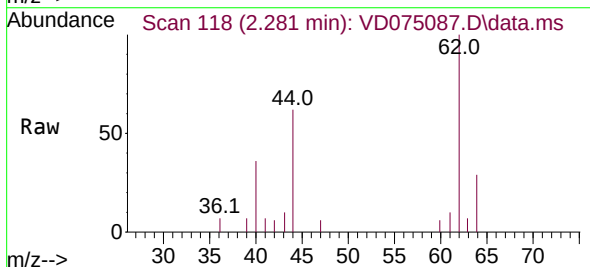
Instrument :
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ClientSampleId :
VSTDIC005

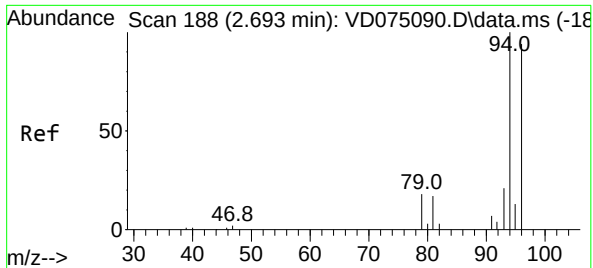
Tgt Ion: 50 Resp: 5322
Ion Ratio Lower Upper
50 100
52 29.2 25.7 38.5



#4
Vinyl Chloride
Concen: 4.693 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 62 Resp: 4792
Ion Ratio Lower Upper
62 100
64 29.5 24.5 36.7

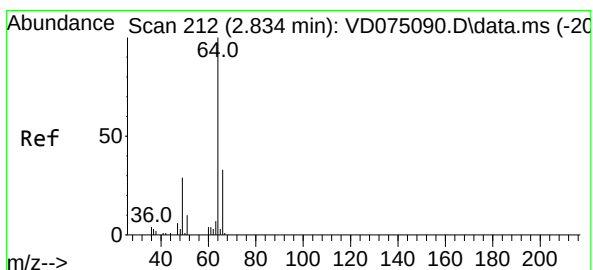
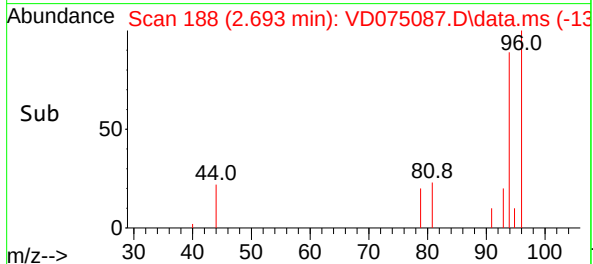
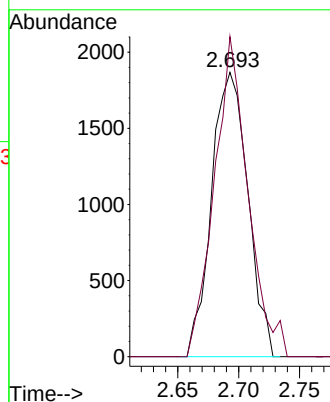
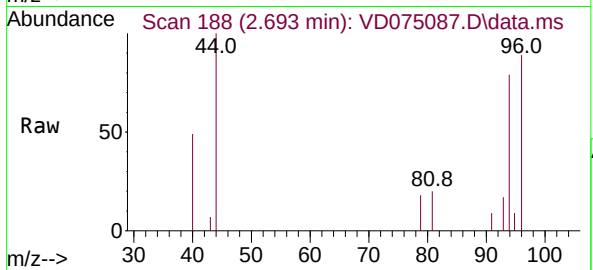




#5
Bromomethane
Concen: 5.640 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

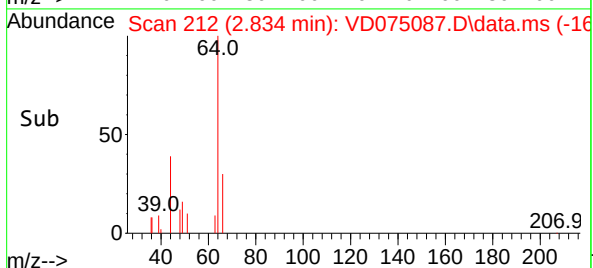
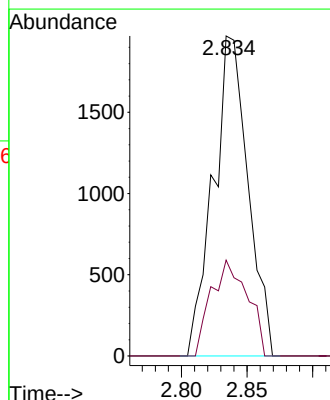
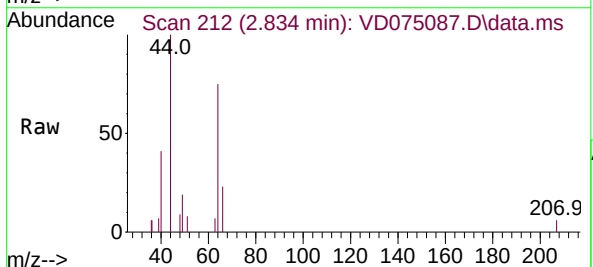
Instrument :
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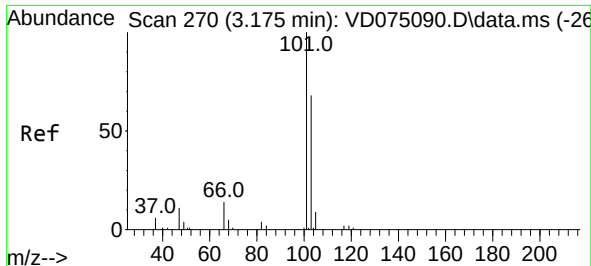
Tgt Ion: 94 Resp: 3875
Ion Ratio Lower Upper
94 100
96 104.6 72.5 108.7



#6
Chloroethane
Concen: 4.729 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 64 Resp: 3633
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.2

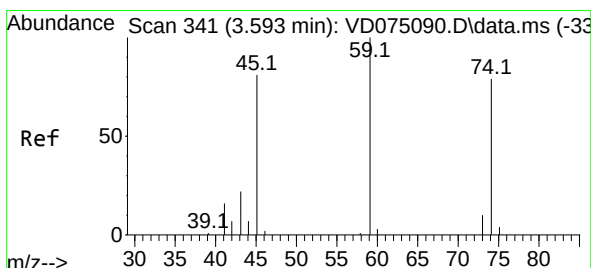
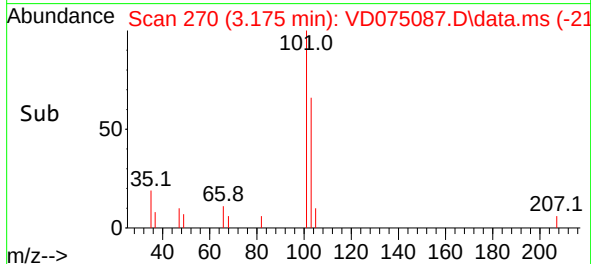
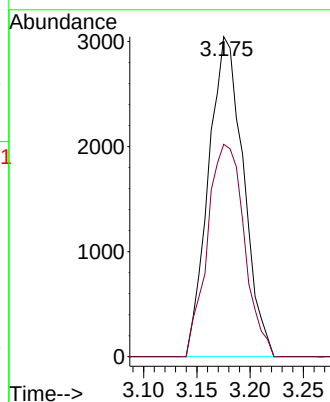
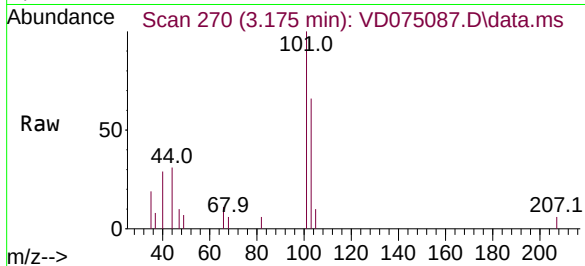




#7
 Trichlorofluoromethane
 Concen: 4.757 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

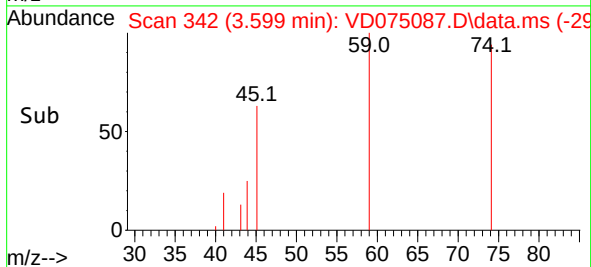
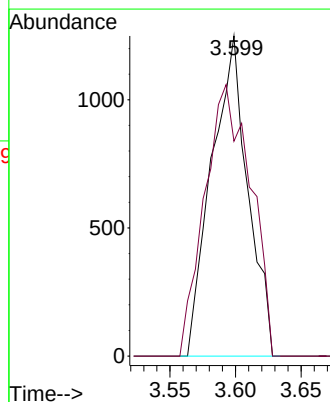
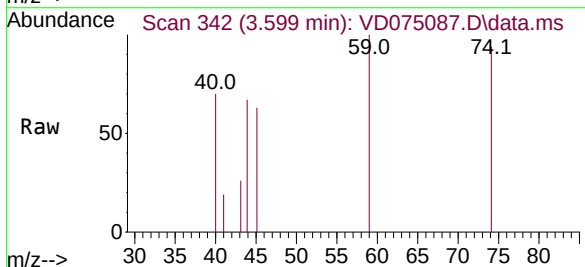
Instrument :
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 ClientSampleId :
 VSTDIC005

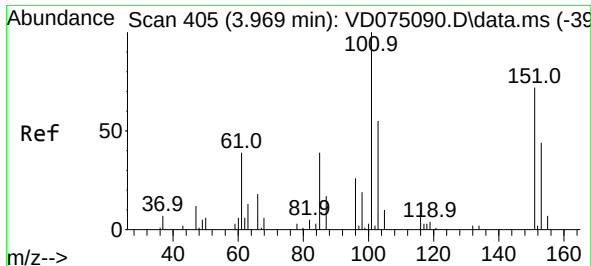
Tgt Ion:101 Resp: 6920
 Ion Ratio Lower Upper
 101 100
 103 66.3 54.6 82.0



#8
 Diethyl Ether
 Concen: 4.756 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion: 74 Resp: 2401
 Ion Ratio Lower Upper
 74 100
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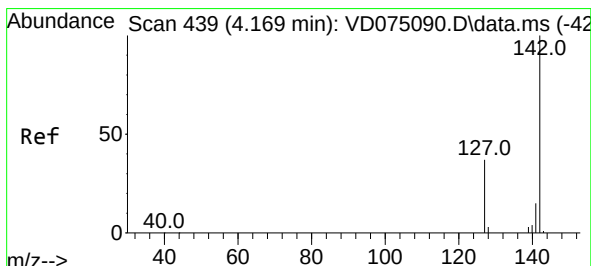
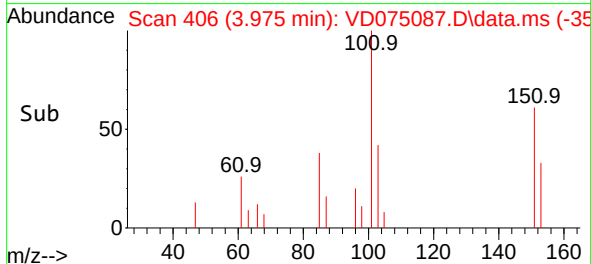
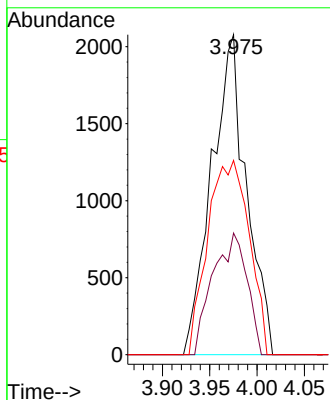
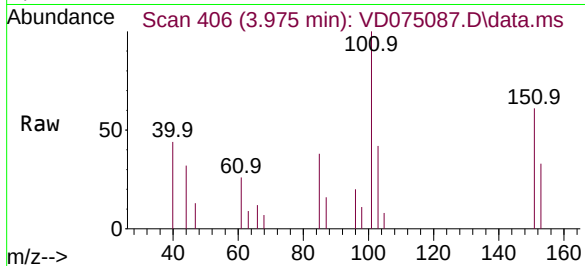




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.260 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075087.D
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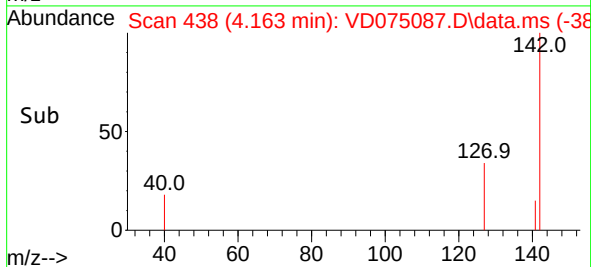
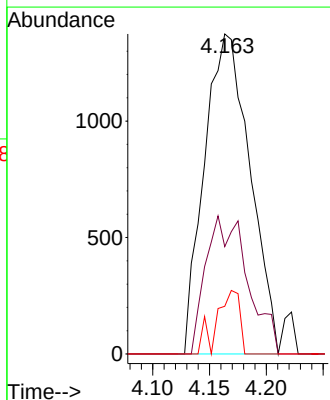
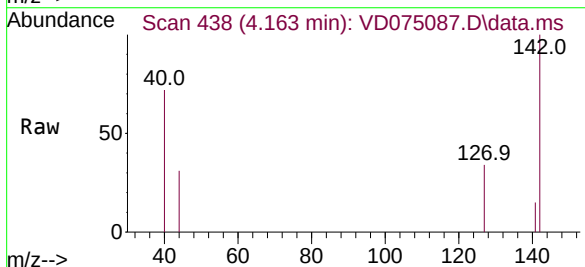
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

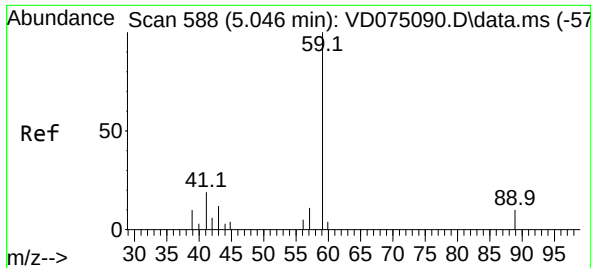
Tgt Ion:101 Resp: 5309
Ion Ratio Lower Upper
101 100
85 37.2 34.8 52.2
151 72.3 61.8 92.6



#10
Methyl Iodide
Concen: 3.770 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:142 Resp: 3841
Ion Ratio Lower Upper
142 100
127 39.5 32.2 48.2
141 10.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 20.810 ug/l

RT: 5.028 min Scan# 585

Delta R.T. -0.018 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

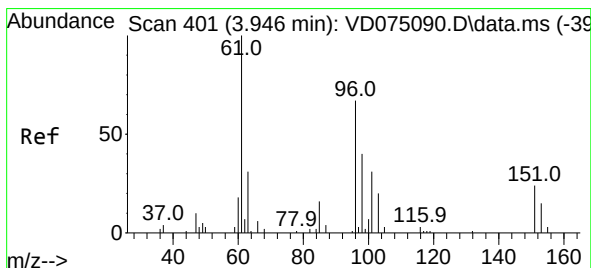
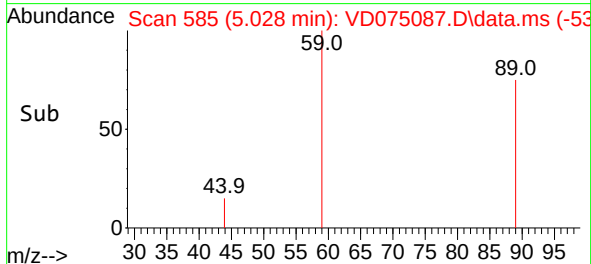
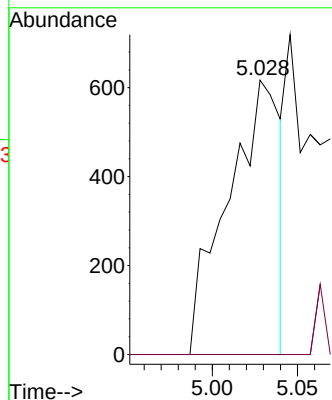
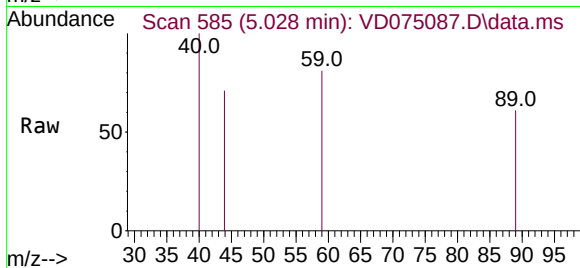
VSTDIC005

Tgt Ion: 59 Resp: 1323

Ion Ratio Lower Upper

59 100

57 0.0 6.1 9.1#



#12

1,1-Dichloroethene

Concen: 5.077 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

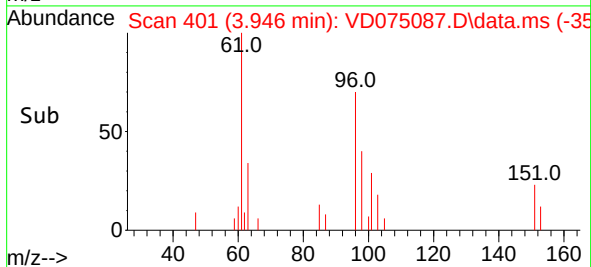
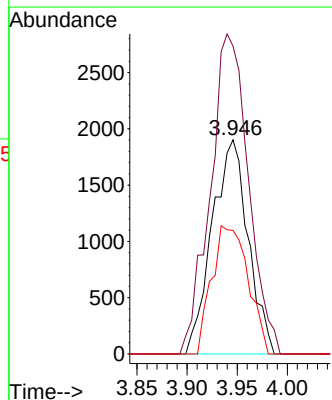
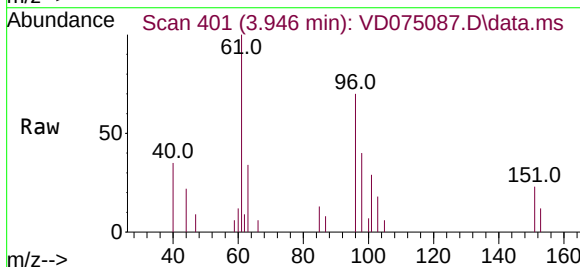
Tgt Ion: 96 Resp: 4752

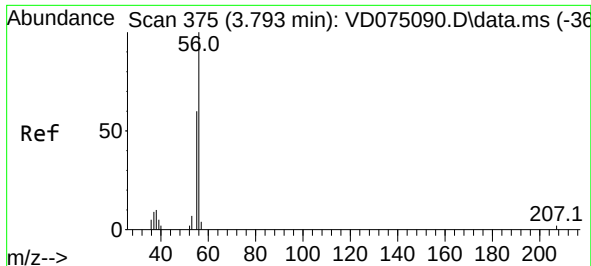
Ion Ratio Lower Upper

96 100

61 143.8 119.8 179.6

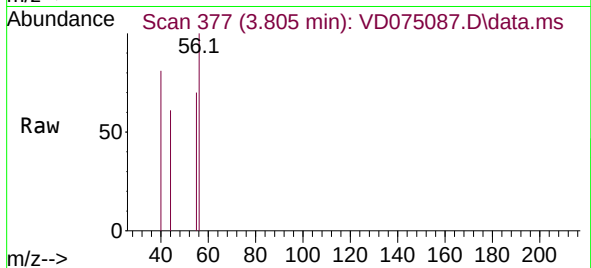
98 57.7 47.7 71.5



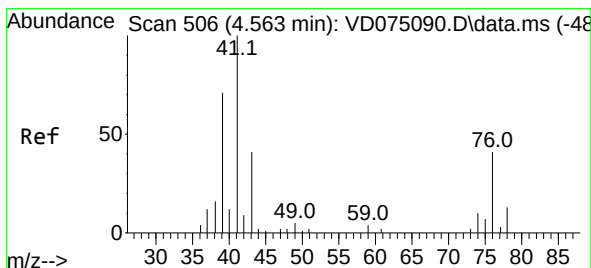
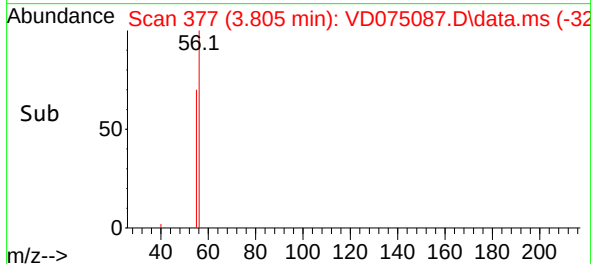
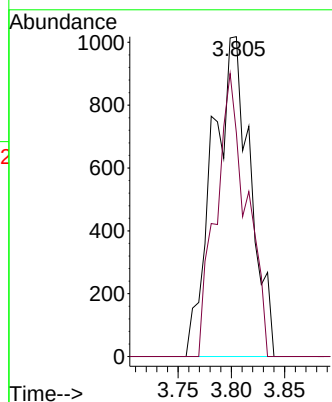


#13
Acrolein
Concen: 24.919 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

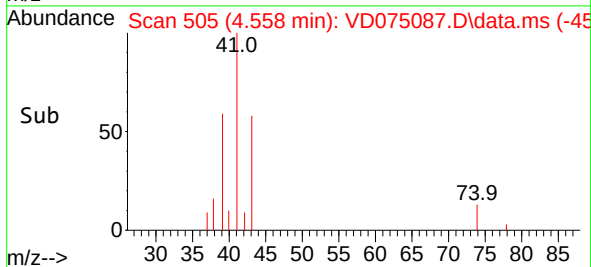
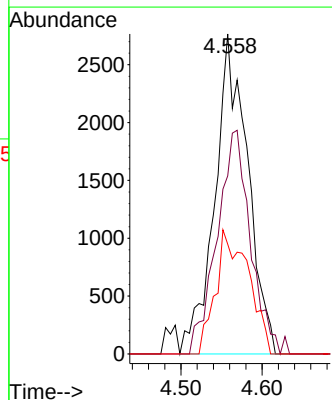
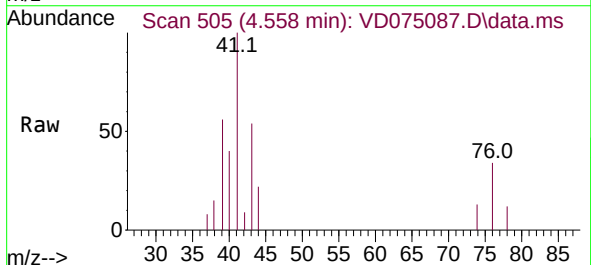


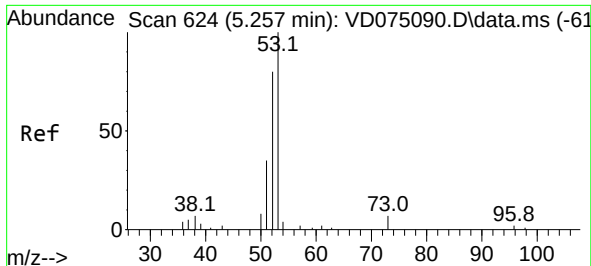
Tgt Ion: 56 Resp: 2509
Ion Ratio Lower Upper
56 100
55 71.7 55.0 82.6



#14
Allyl chloride
Concen: 4.855 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 41 Resp: 7779
Ion Ratio Lower Upper
41 100
39 71.5 55.6 83.4
76 38.8 30.2 45.2

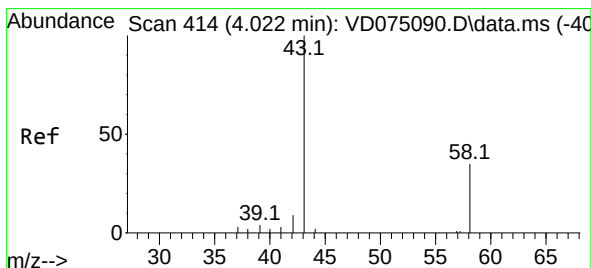
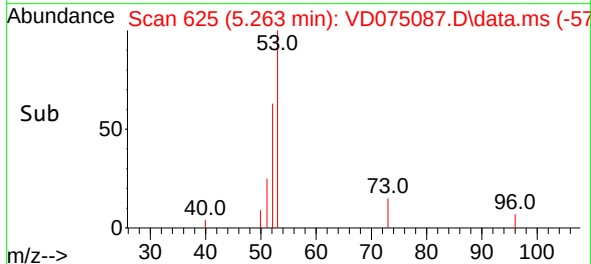
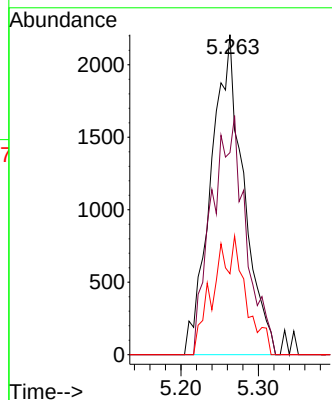
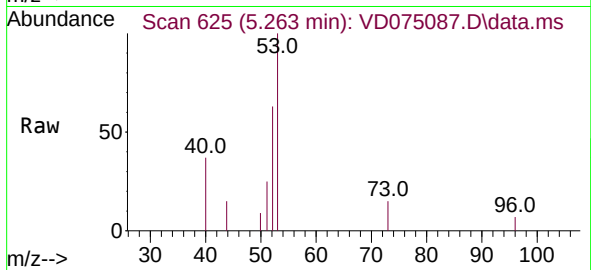




#15
Acrylonitrile
Concen: 24.817 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

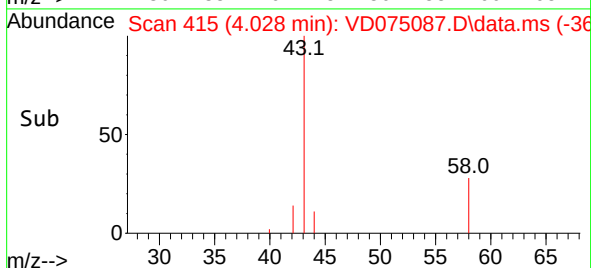
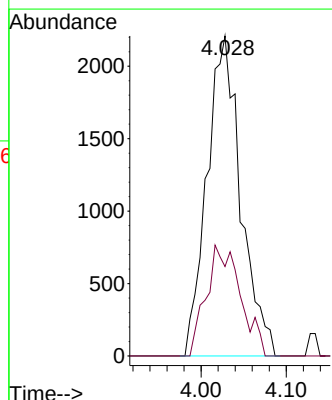
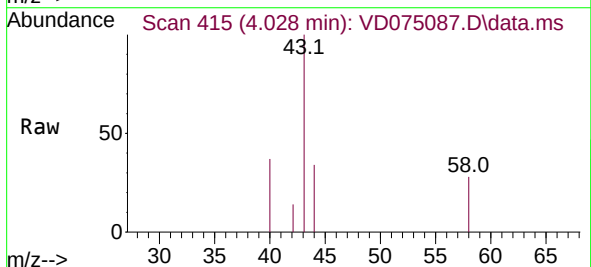
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

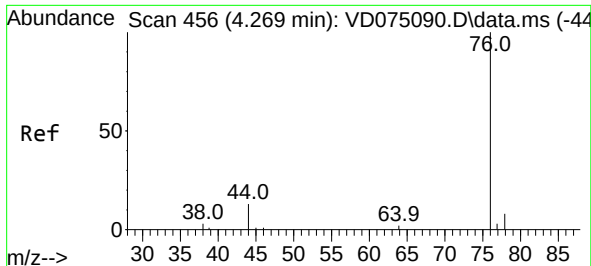
Tgt Ion: 53 Resp: 6459
Ion Ratio Lower Upper
53 100
52 78.1 65.1 97.7
51 20.1 28.2 42.2#



#16
Acetone
Concen: 23.188 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
58 28.0 28.3 42.5#

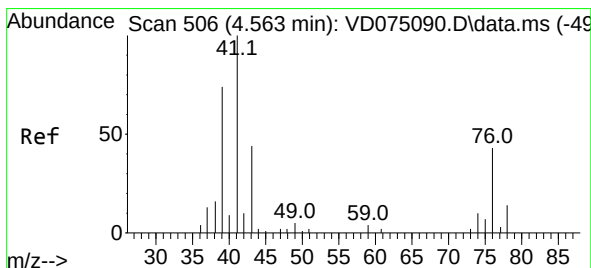
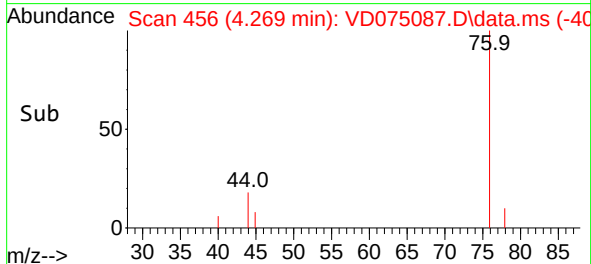
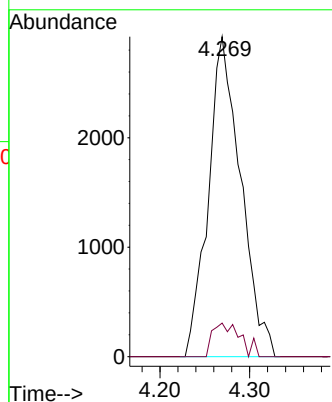
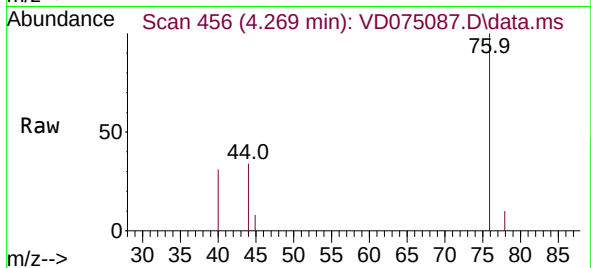




#17
Carbon Disulfide
Concen: 4.008 ug/l
RT: 4.269 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

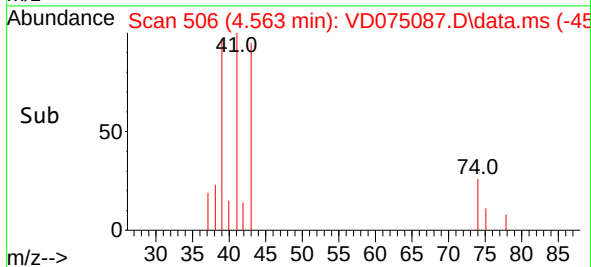
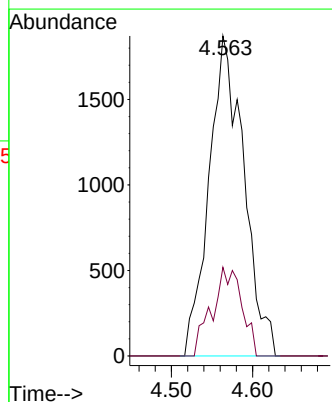
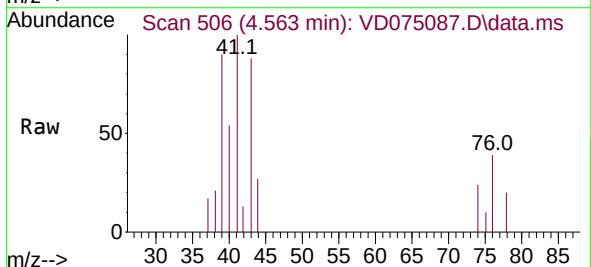
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

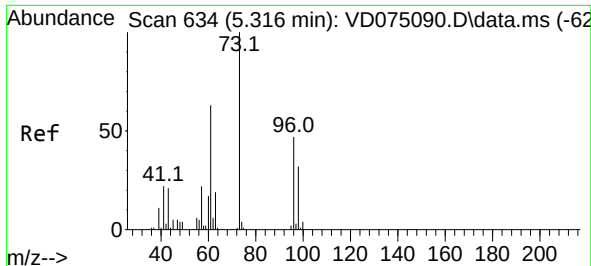
Tgt Ion: 76 Resp: 7344
Ion Ratio Lower Upper
76 100
78 10.5 6.3 9.5#



#18
Methyl Acetate
Concen: 7.120 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
74 23.7 18.6 27.8

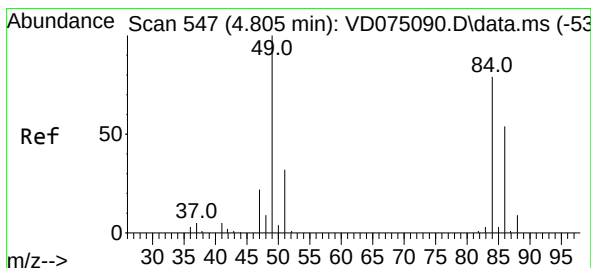
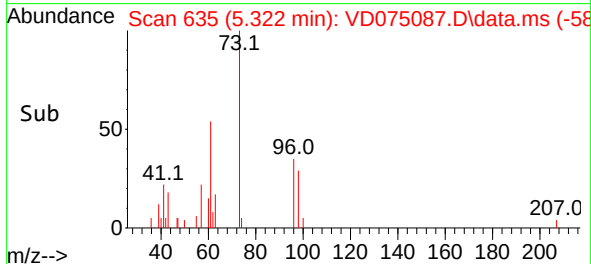
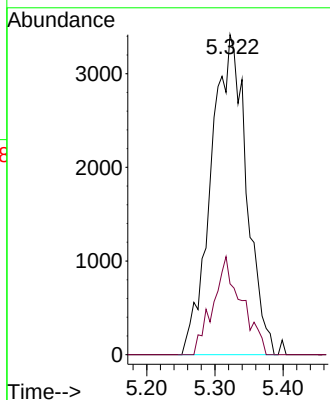
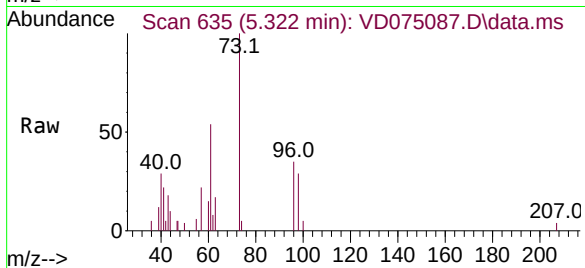




#19
Methyl tert-butyl Ether
Concen: 5.020 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

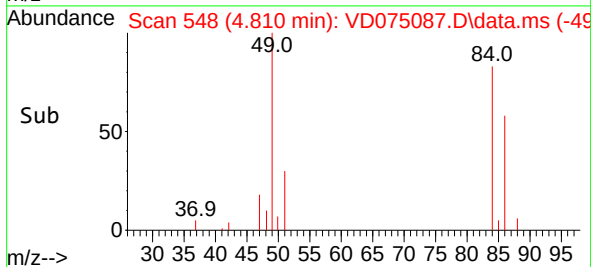
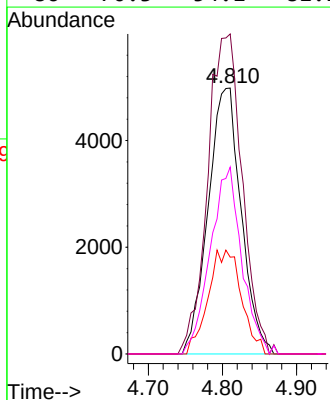
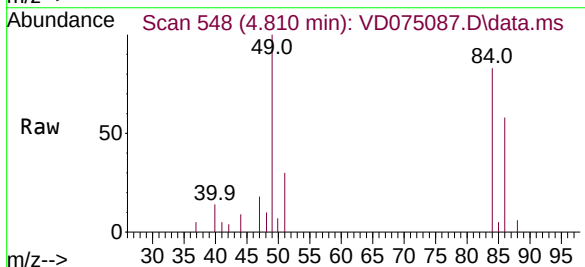
Instrument :
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ClientSampleId :
VSTDIC005

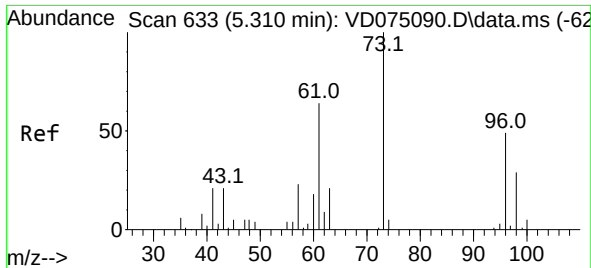
Tgt Ion: 73 Resp: 12306
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: 8.315 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 84 Resp: 15475
Ion Ratio Lower Upper
84 100
49 120.3 100.6 151.0
51 36.4 31.8 47.8
86 70.3 54.1 81.1

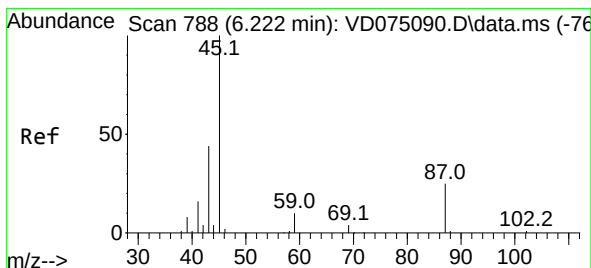
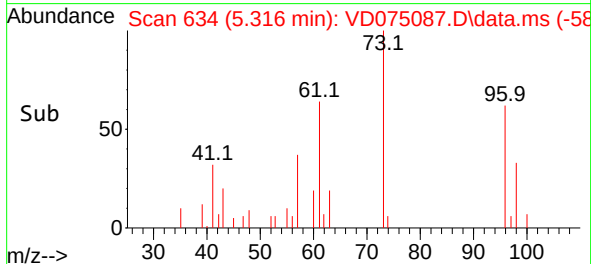
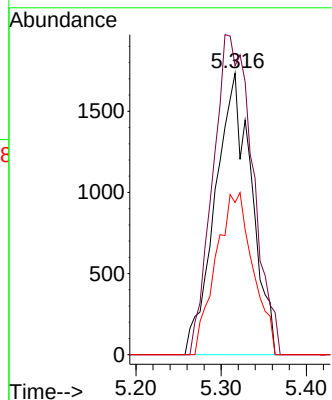
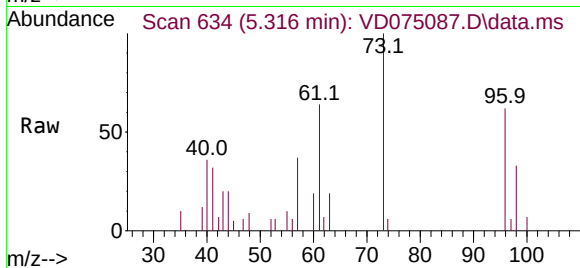




#21
trans-1,2-Dichloroethene
Concen: 5.009 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

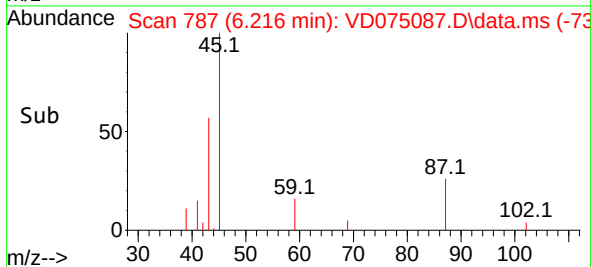
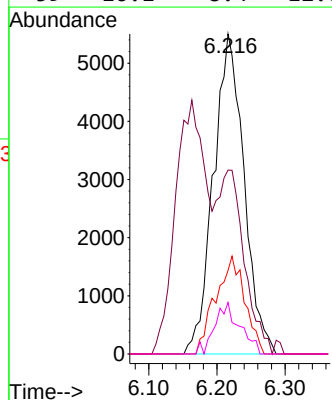
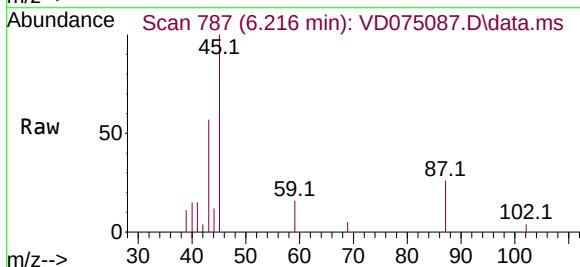
Instrument :
MSVOA_D
ClientSampleId :
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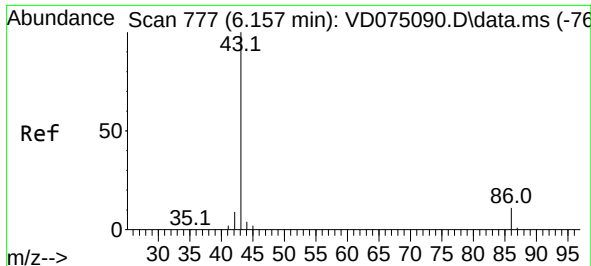
Tgt Ion: 96 Resp: 5140
Ion Ratio Lower Upper
96 100
61 102.8 104.8 157.2#
98 54.1 47.7 71.5



#22
Diisopropyl ether
Concen: 4.989 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 45 Resp: 17109
Ion Ratio Lower Upper
45 100
43 53.9 39.5 59.3
87 26.1 20.8 31.2
59 16.1 8.4 12.6#

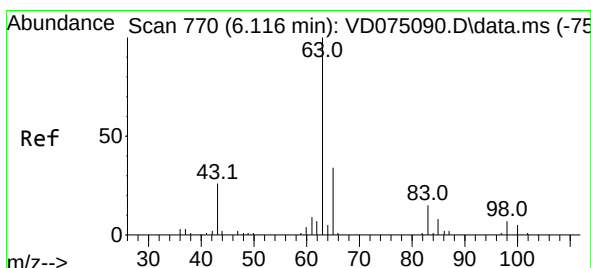
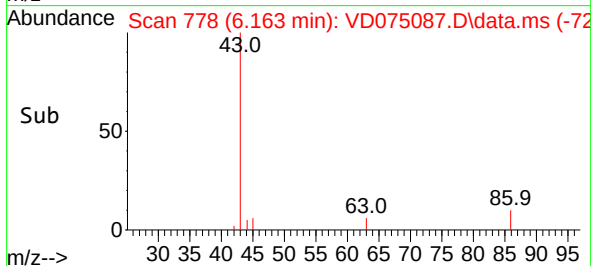
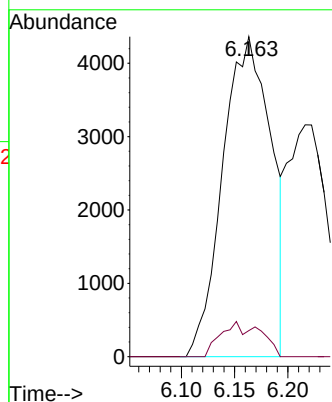
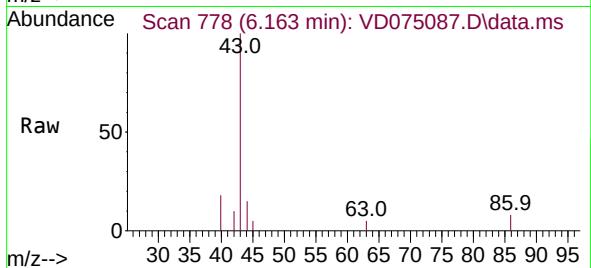




#23
 Vinyl Acetate
 Concen: 12.955 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

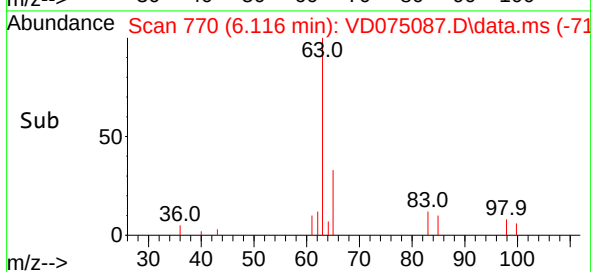
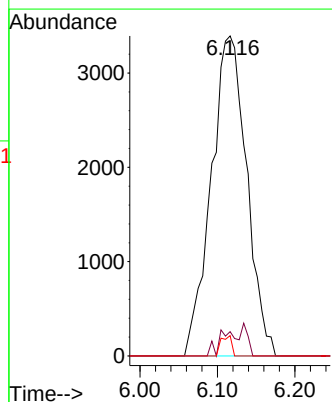
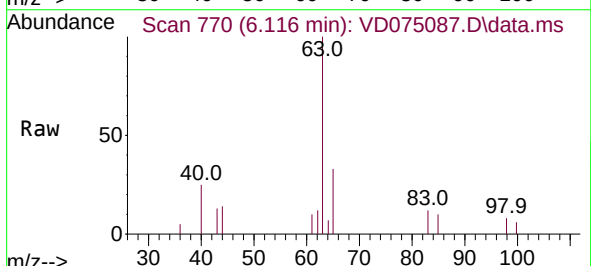
Instrument :
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 ClientSampleId :
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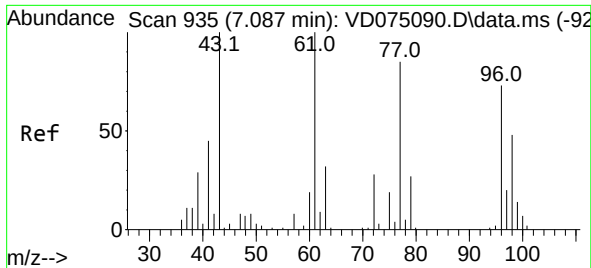
Tgt Ion: 43 Resp: 13748
 Ion Ratio Lower Upper
 43 100
 86 8.2 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 5.244 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion: 63 Resp: 10814
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 6.4 2.5 7.4

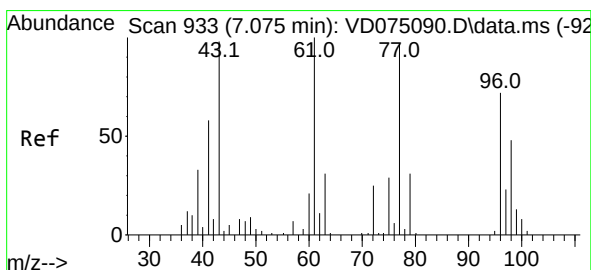
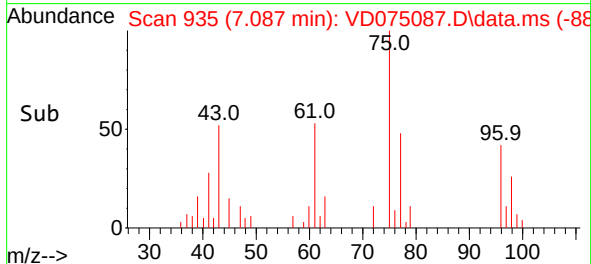
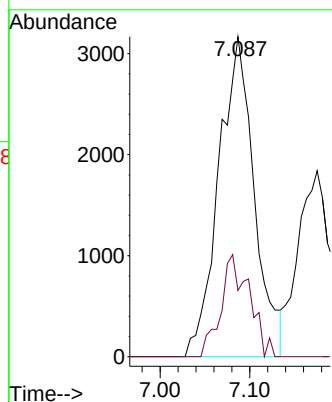
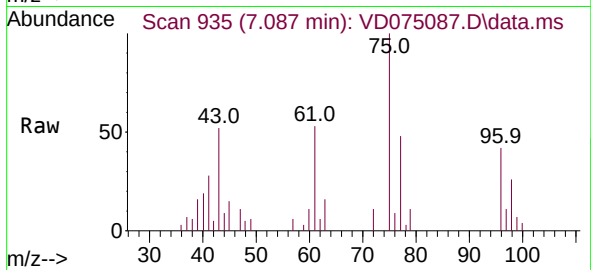




#25
2-Butanone
Concen: 25.108 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

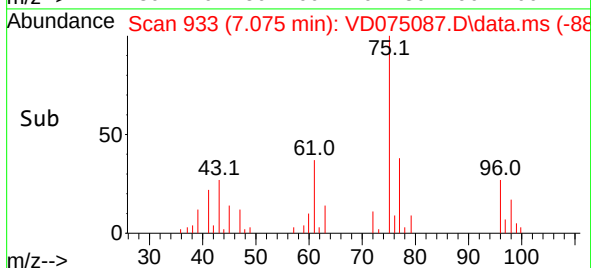
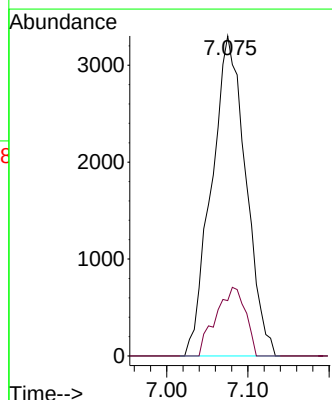
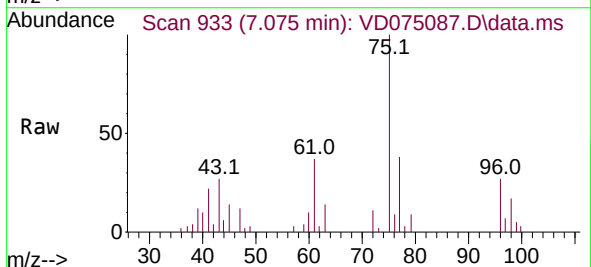
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

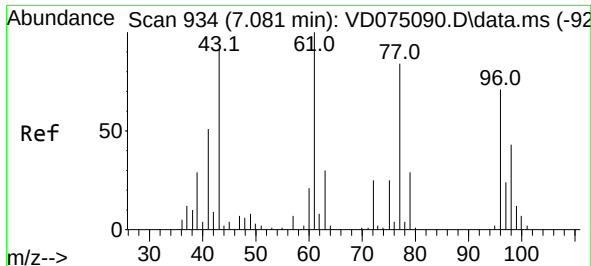
Tgt Ion: 43 Resp: 8721
Ion Ratio Lower Upper
43 100
72 20.7 22.6 33.8#



#26
2,2-Dichloropropane
Concen: 5.232 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 77 Resp: 9677
Ion Ratio Lower Upper
77 100
97 18.5 12.3 36.8

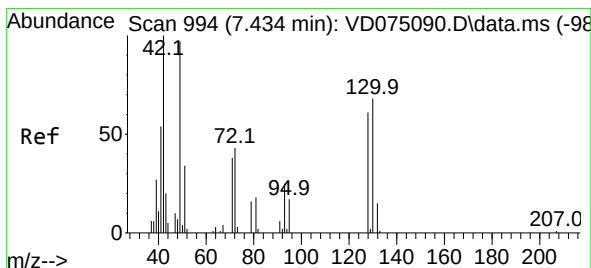
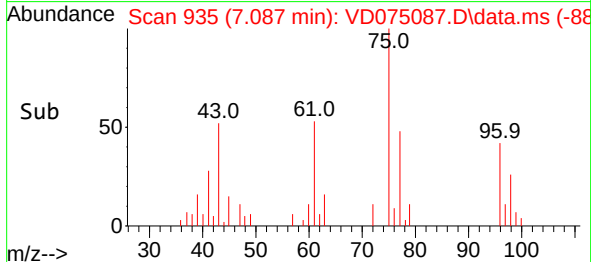
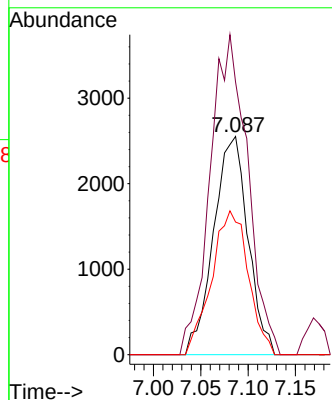
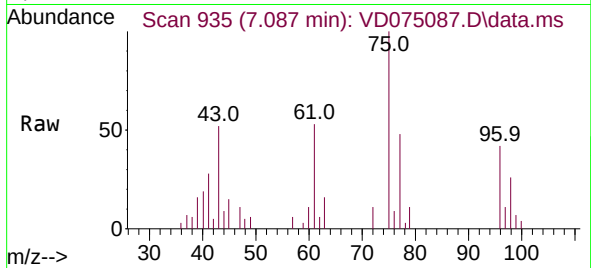




#27
 cis-1,2-Dichloroethene
 Concen: 4.979 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

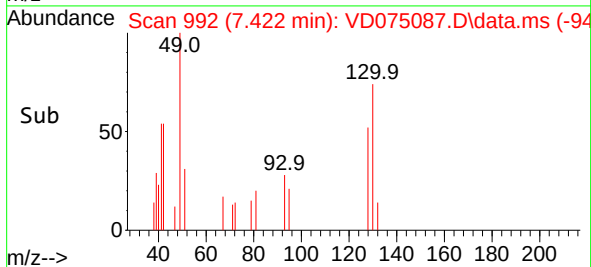
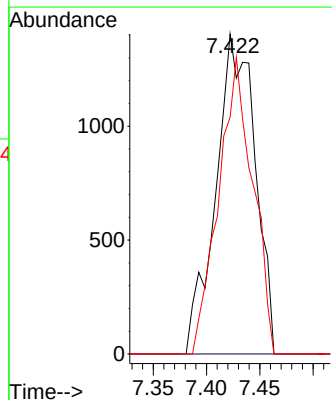
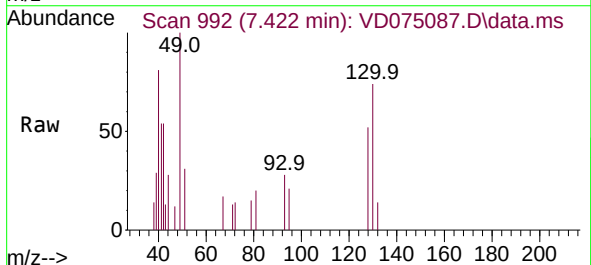
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

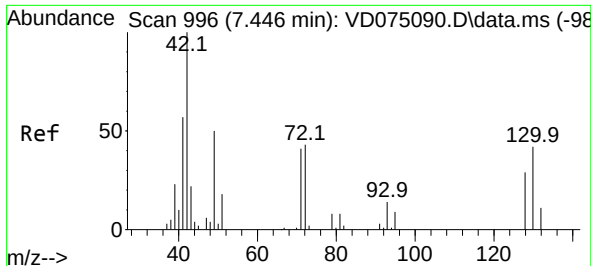
Tgt Ion: 96 Resp: 6451
 Ion Ratio Lower Upper
 96 100
 61 159.5 0.0 282.4
 98 70.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 5.041 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion: 49 Resp: 3606
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.6
 130 80.6 60.3 90.5





#29

Tetrahydrofuran

Concen: 25.414 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

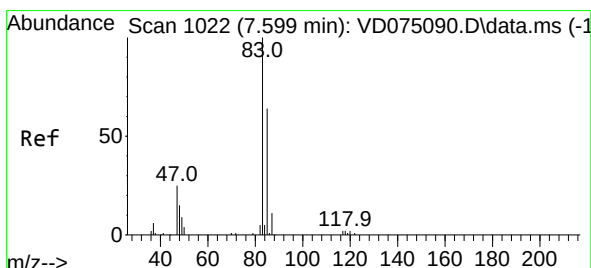
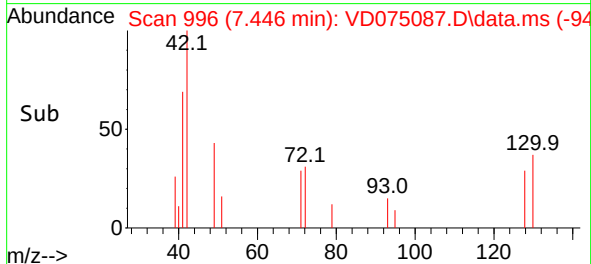
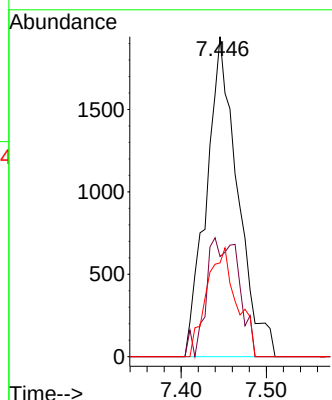
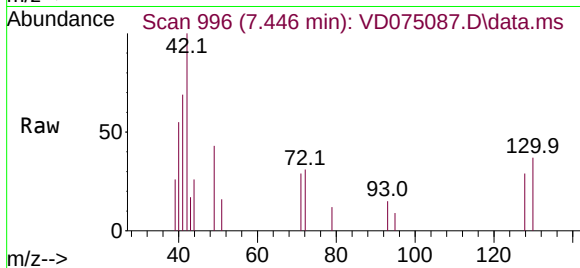
Tgt Ion: 42 Resp: 4966

Ion Ratio Lower Upper

42 100

72 18.5 34.3 51.5#

71 32.6 31.2 46.8



#30

Chloroform

Concen: 5.176 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075087.D

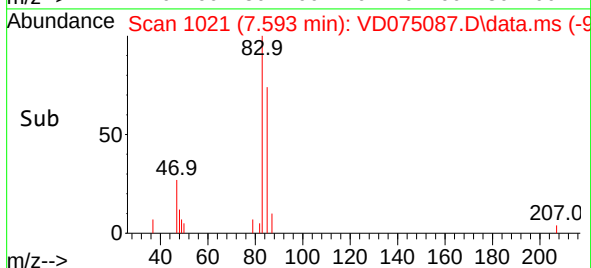
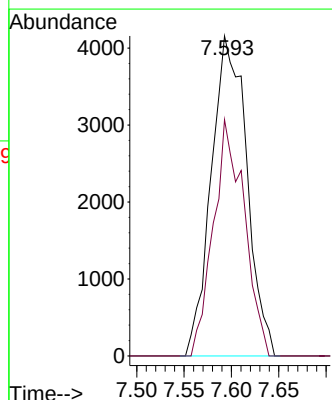
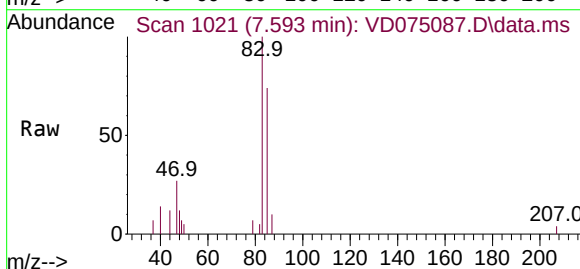
Acq: 09 Jan 2023 12:04

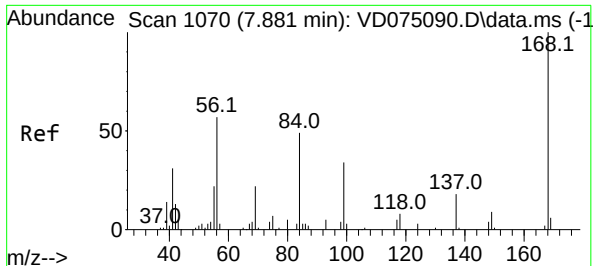
Tgt Ion: 83 Resp: 10816

Ion Ratio Lower Upper

83 100

85 73.9 51.3 76.9

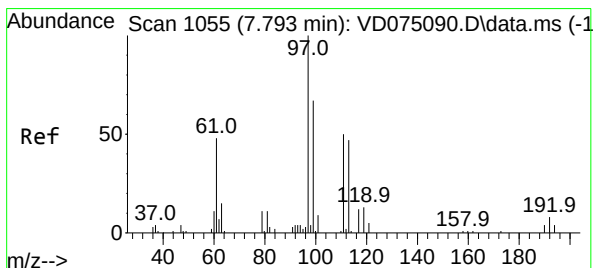
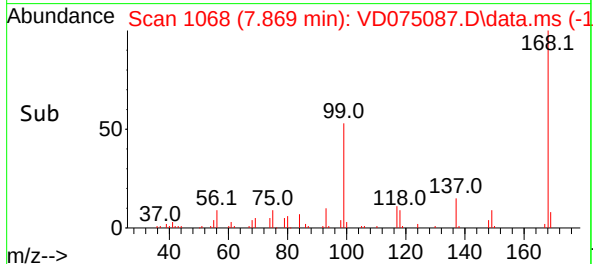
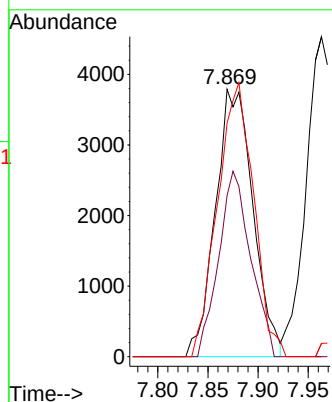
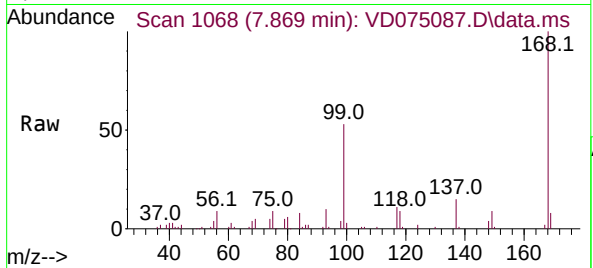




#31
Cyclohexane
Concen: 6.051 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

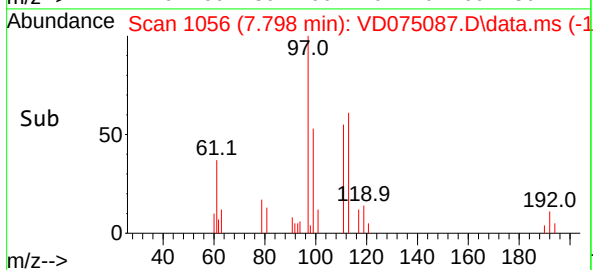
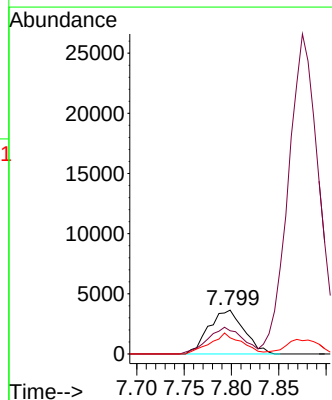
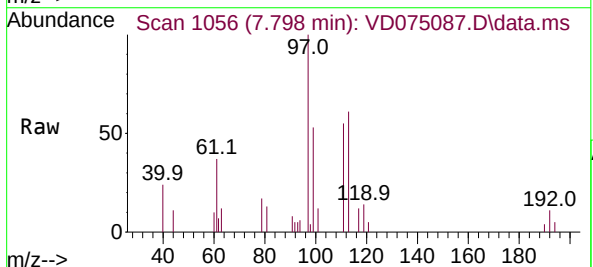
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

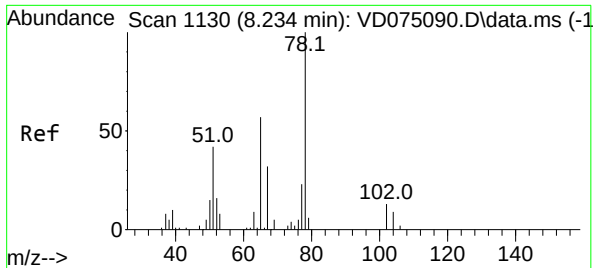
Tgt Ion: 56 Resp: 9885
Ion Ratio Lower Upper
56 100
69 60.3 30.4 45.6#
84 87.4 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 5.259 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 97 Resp: 9431
Ion Ratio Lower Upper
97 100
99 60.3 52.3 78.5
61 42.1 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 5.357 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

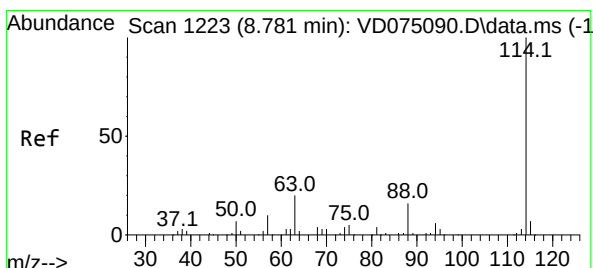
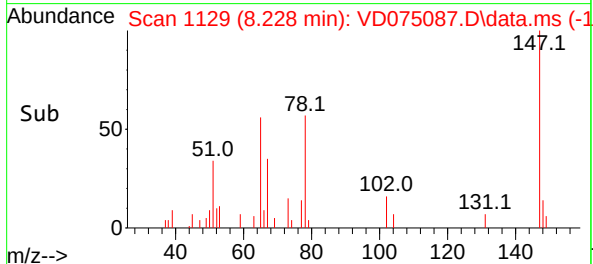
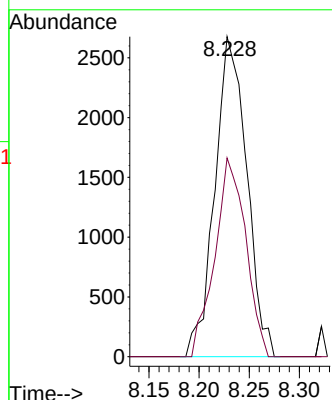
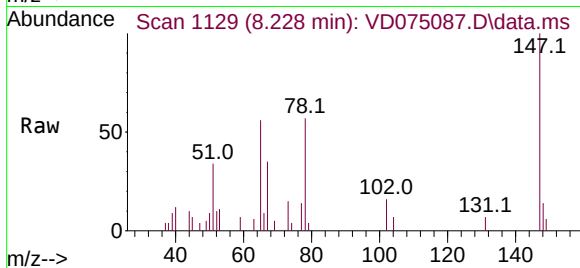
VSTDICC005

Tgt Ion: 65 Resp: 5928

Ion Ratio Lower Upper

65 100

67 60.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

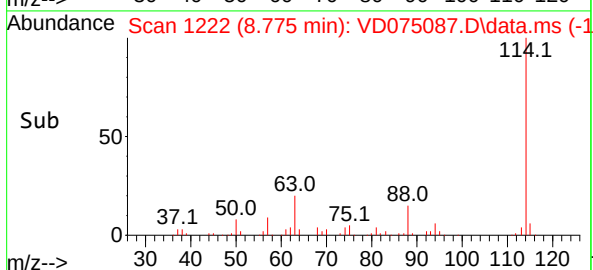
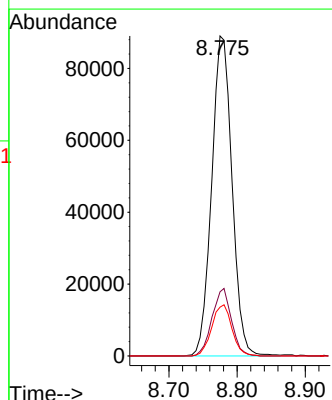
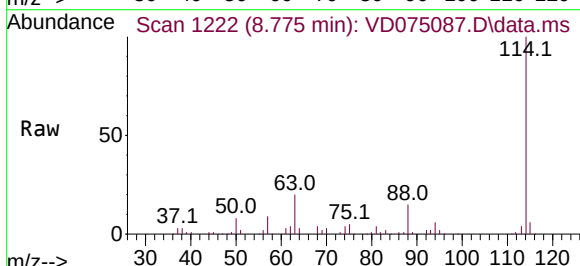
Tgt Ion: 114 Resp: 185221

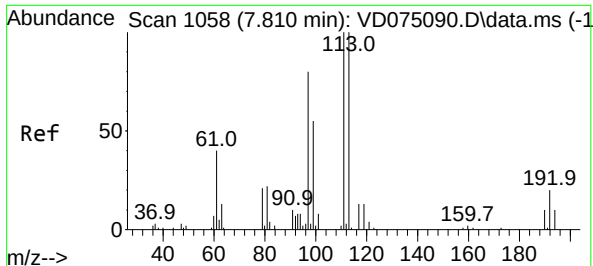
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 5.193 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

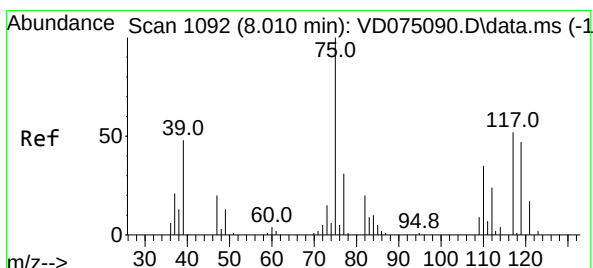
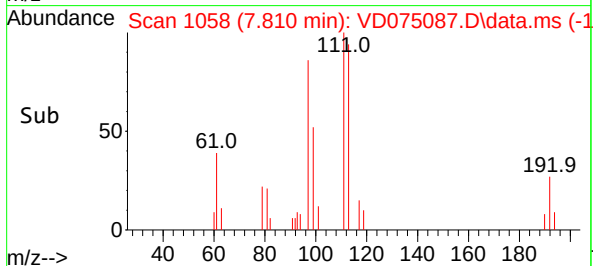
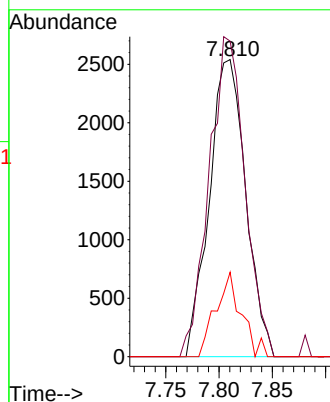
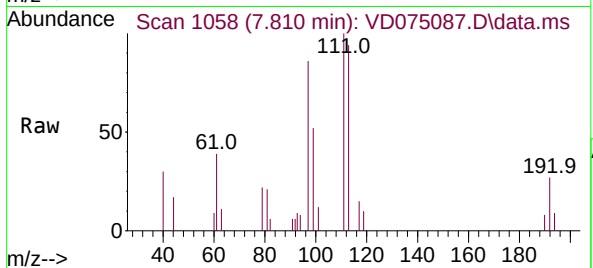
Tgt Ion:113 Resp: 6050

Ion Ratio Lower Upper

113 100

111 105.8 83.2 124.8

192 19.9 15.0 22.6



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

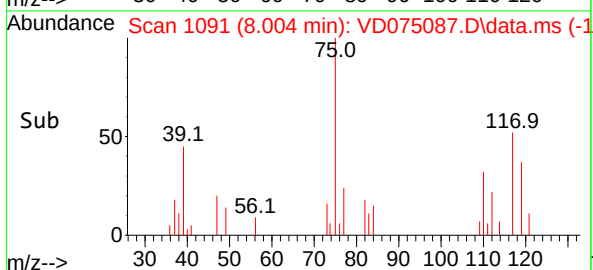
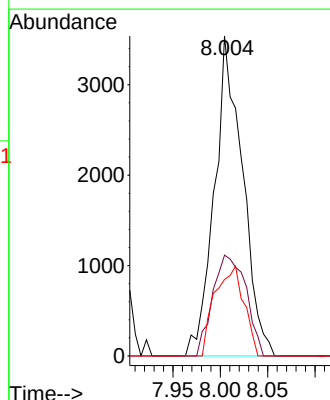
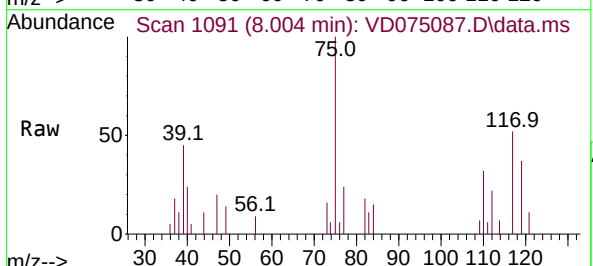
Tgt Ion: 75 Resp: 7310

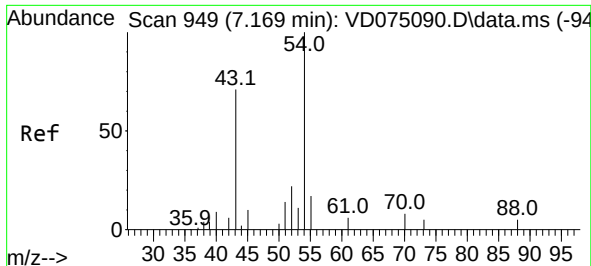
Ion Ratio Lower Upper

75 100

110 37.3 18.8 56.3

77 29.0 25.3 37.9





#37

Ethyl Acetate

Concen: 6.277 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

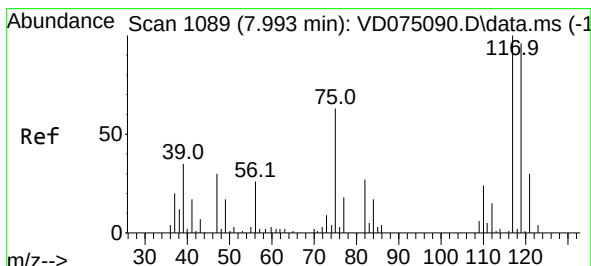
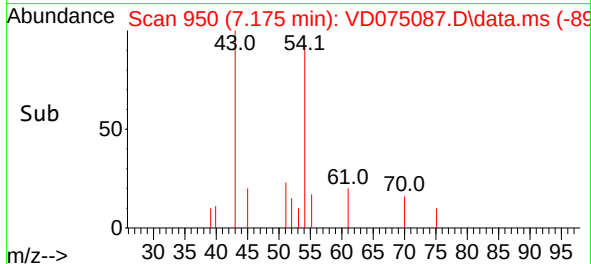
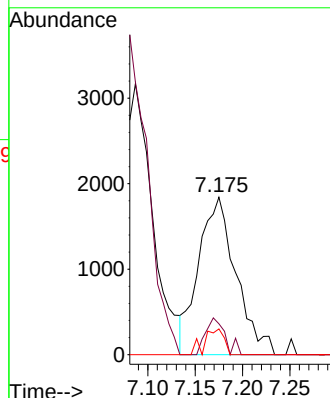
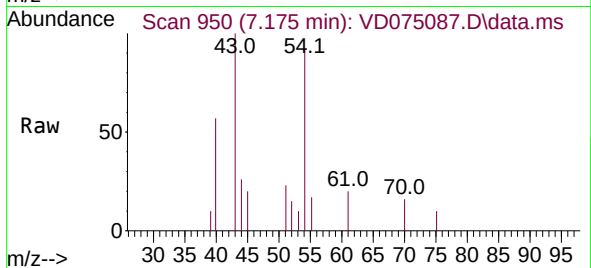
Tgt Ion: 43 Resp: 5055

Ion Ratio Lower Upper

43 100

61 12.2 11.4 17.2

70 8.5 8.4 12.6



#38

Carbon Tetrachloride

Concen: 4.395 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

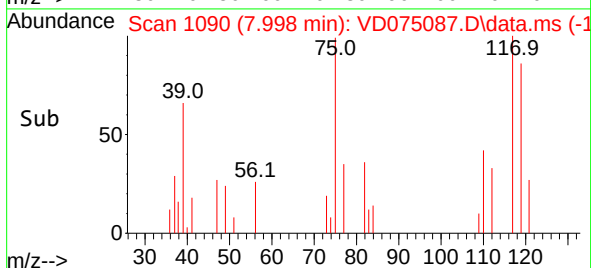
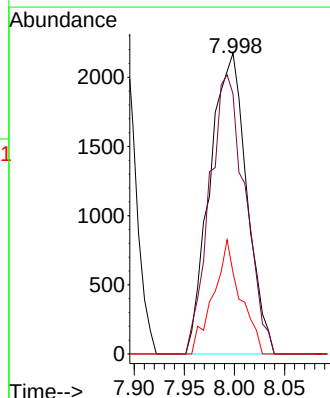
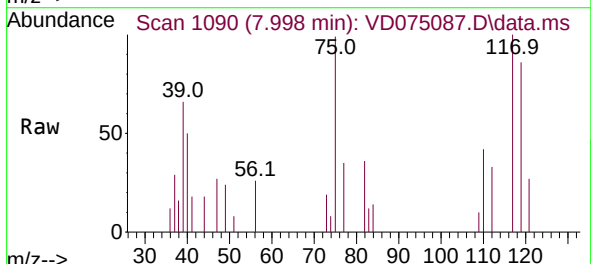
Tgt Ion: 117 Resp: 5550

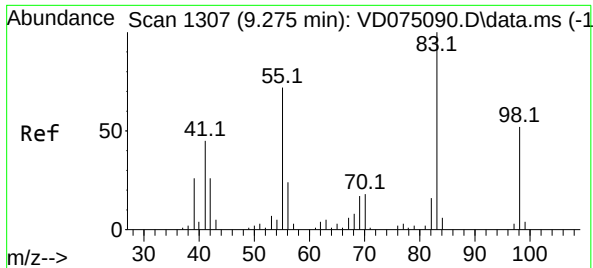
Ion Ratio Lower Upper

117 100

119 86.5 76.8 115.2

121 27.1 23.8 35.8





#39

Methylcyclohexane

Concen: 4.970 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

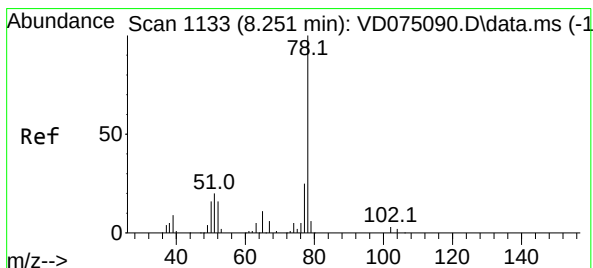
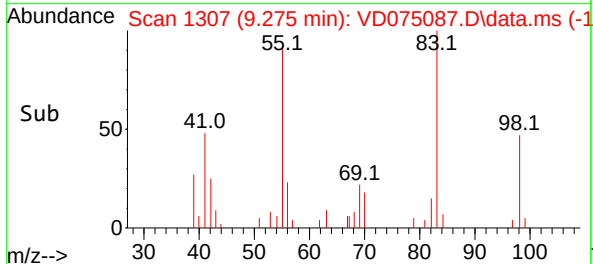
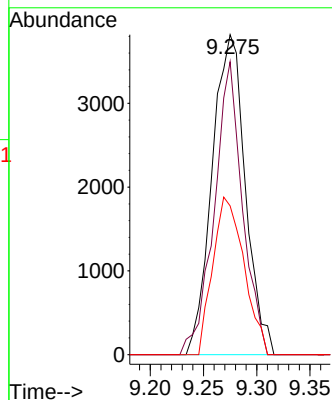
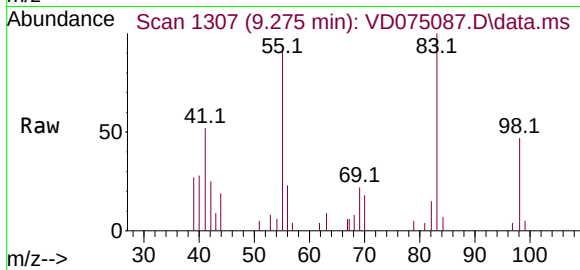
Tgt Ion: 83 Resp: 8287

Ion Ratio Lower Upper

83 100

55 91.5 57.6 86.4#

98 46.5 41.4 62.0



#40

Benzene

Concen: 5.100 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075087.D

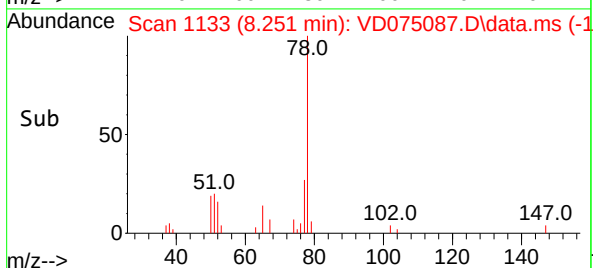
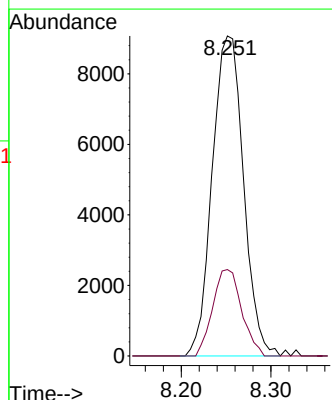
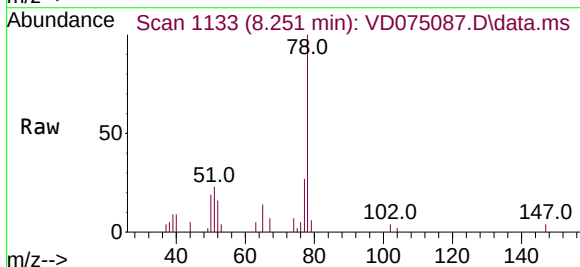
Acq: 09 Jan 2023 12:04

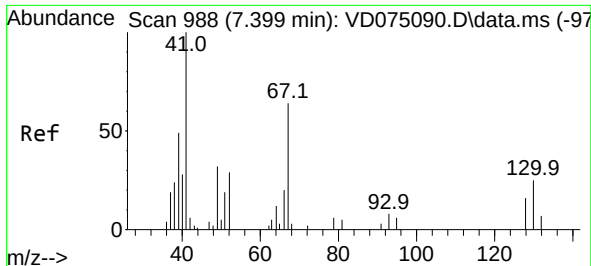
Tgt Ion: 78 Resp: 21934

Ion Ratio Lower Upper

78 100

77 27.0 20.4 30.6



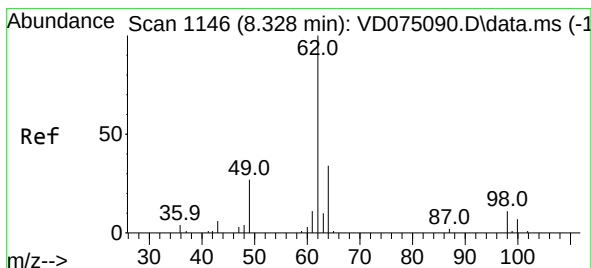
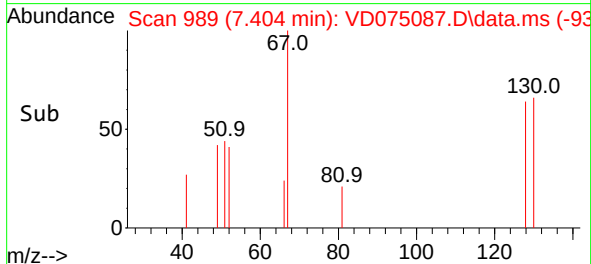
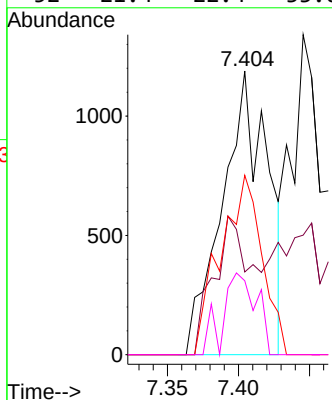
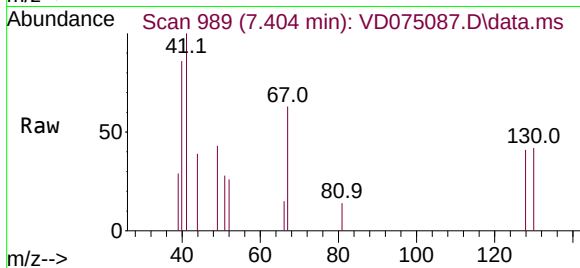


#41
Methacrylonitrile
Concen: 5.653 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 2643

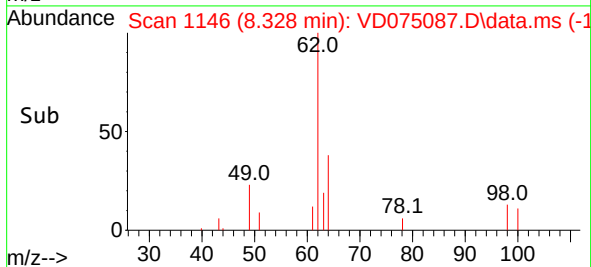
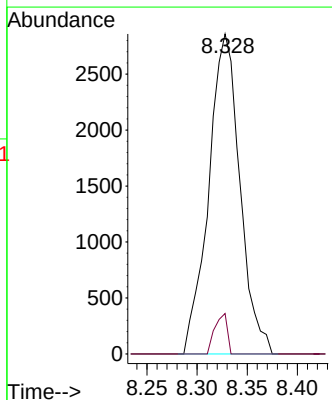
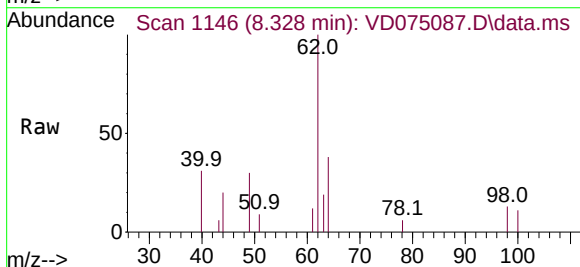
Ion	Ratio	Lower	Upper
41	100		
39	41.1	48.2	72.2#
67	57.9	53.1	79.7
52	21.4	22.4	33.6#

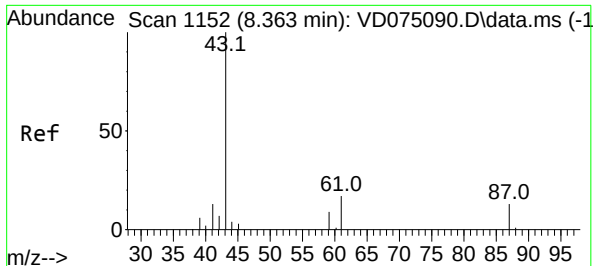


#42
1,2-Dichloroethane
Concen: 5.132 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 62 Resp: 6185

Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	21.4

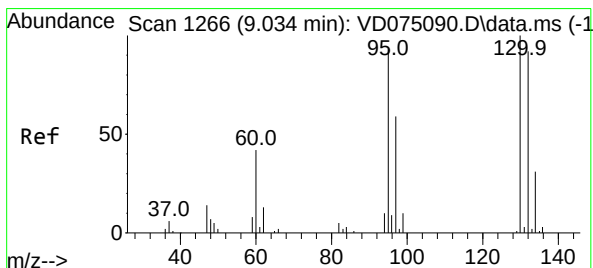
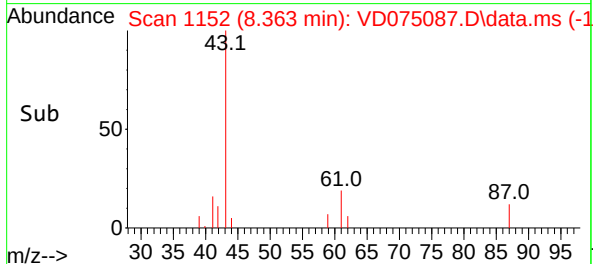
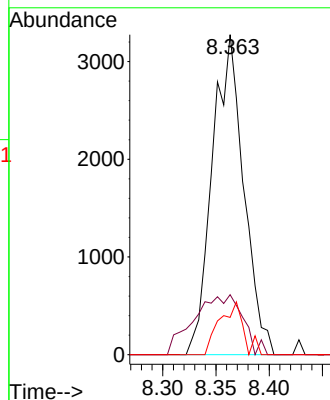
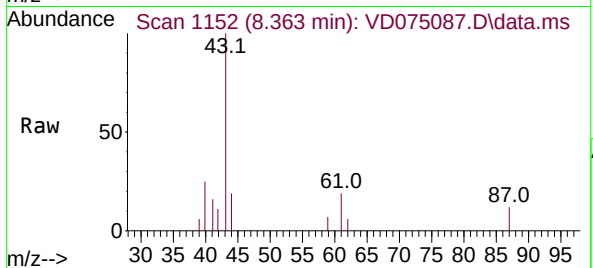




#43
Isopropyl Acetate
Concen: 4.829 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

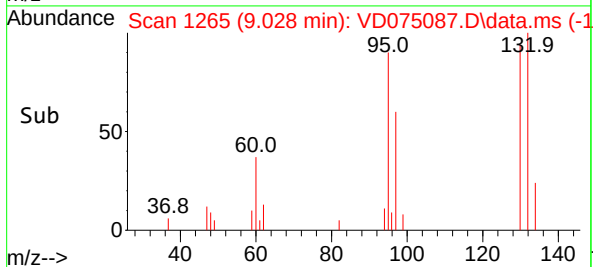
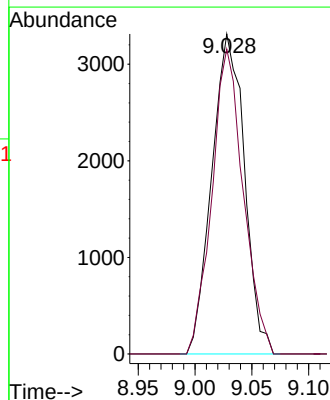
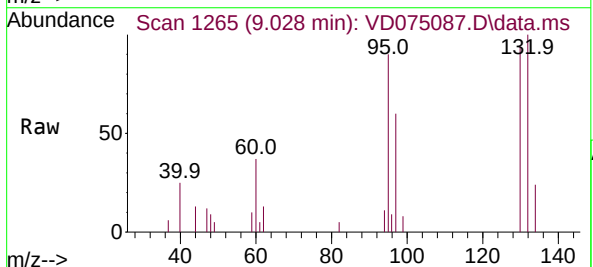
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

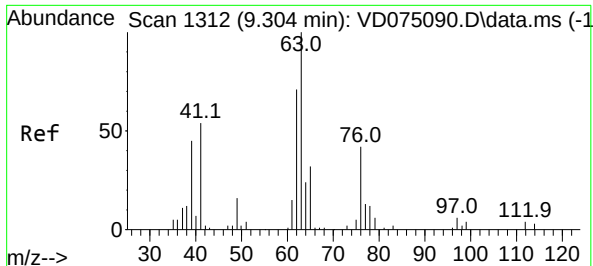
Tgt Ion: 43	Resp: 6699
Ion Ratio	Lower Upper
43 100	
61 29.3	23.2 34.8
87 12.5	10.6 16.0



#44
Trichloroethene
Concen: 5.347 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:130	Resp:	6610	
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	186.6





#45

1,2-Dichloropropane

Concen: 5.086 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

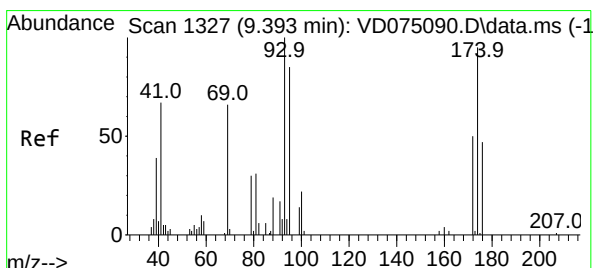
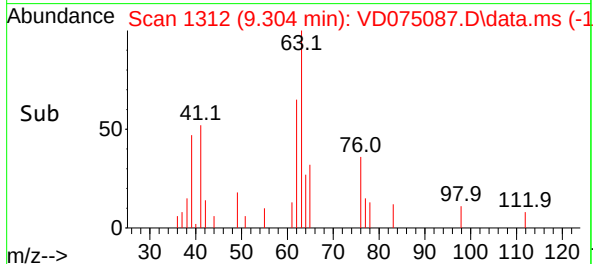
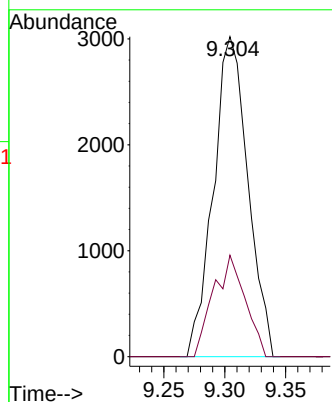
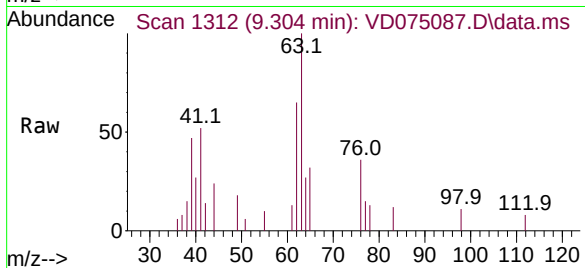
VSTDICC005

Tgt Ion: 63 Resp: 5960

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 4.787 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

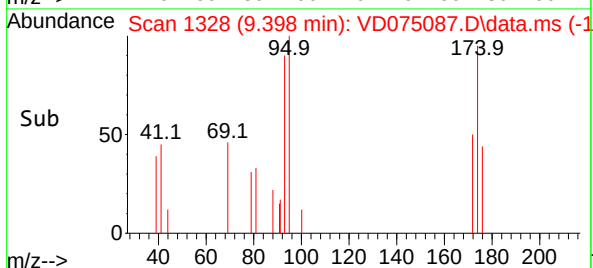
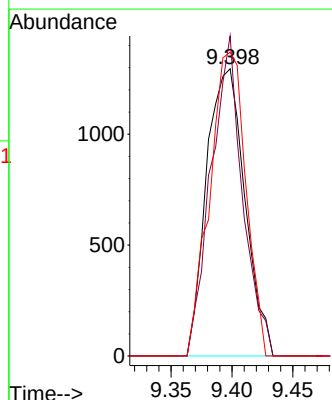
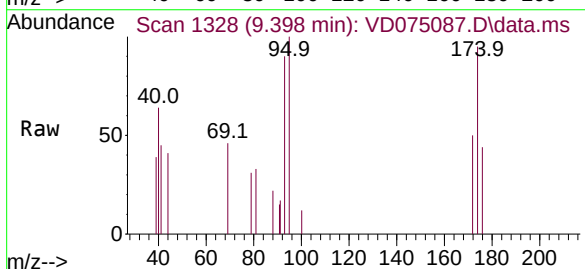
Tgt Ion: 93 Resp: 2835

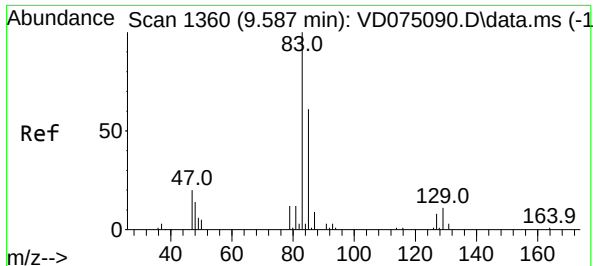
Ion Ratio Lower Upper

93 100

95 92.0 66.7 100.1

174 99.7 76.8 115.2

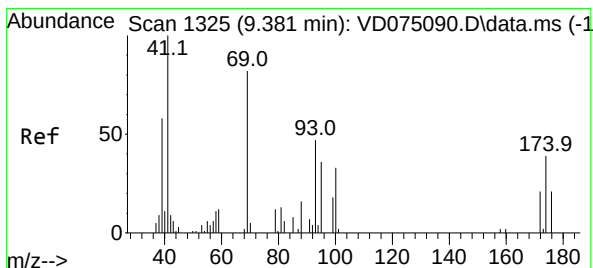
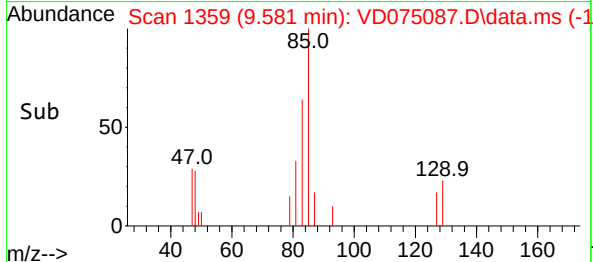
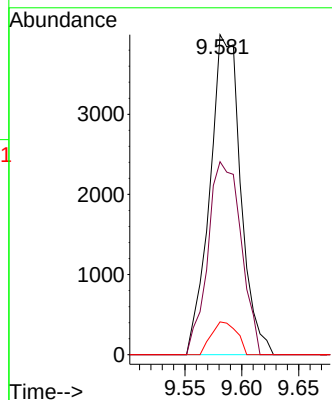
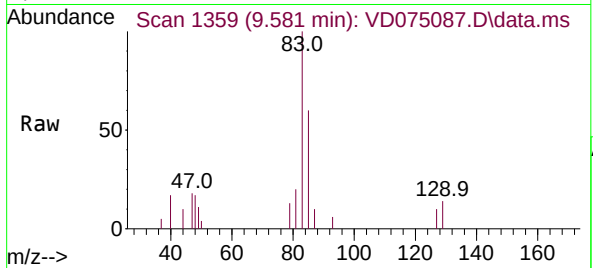




#47
Bromodichloromethane
Concen: 4.883 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

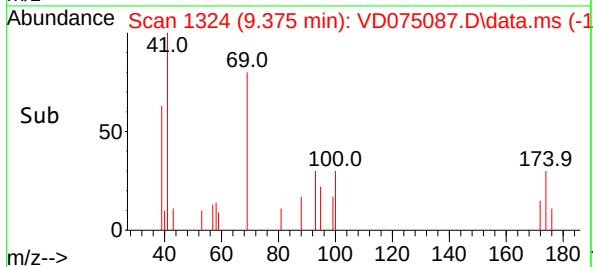
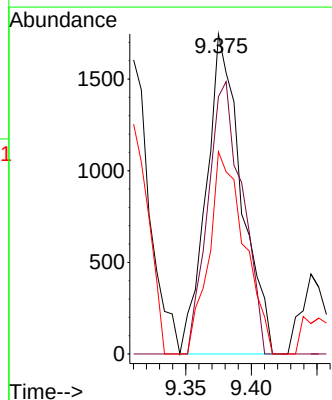
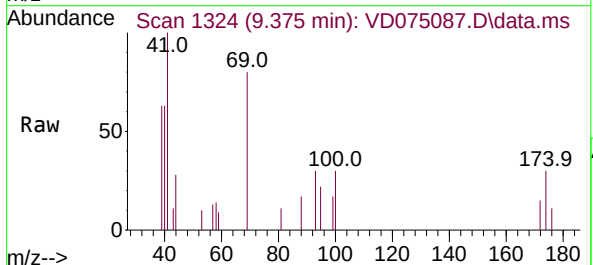
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

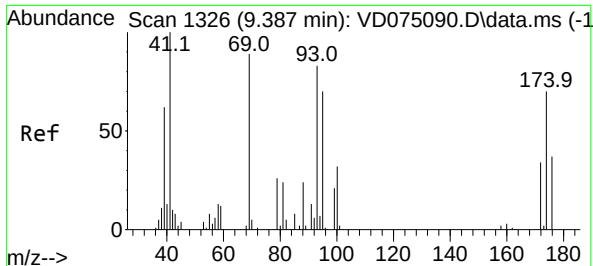
Tgt Ion: 83 Resp: 7553
Ion Ratio Lower Upper
83 100
85 60.3 48.8 73.2
127 10.2 6.6 9.8#



#48
Methyl methacrylate
Concen: 5.216 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 41 Resp: 3260
Ion Ratio Lower Upper
41 100
69 83.5 72.4 108.6
39 64.0 50.6 76.0





#49

1,4-Dioxane

Concen: 99.220 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

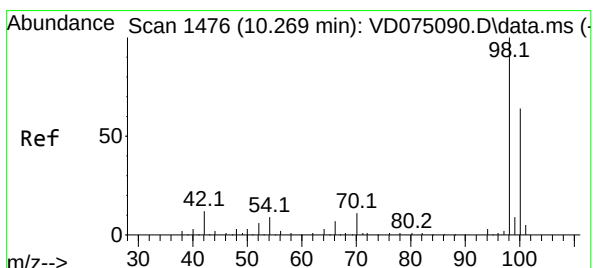
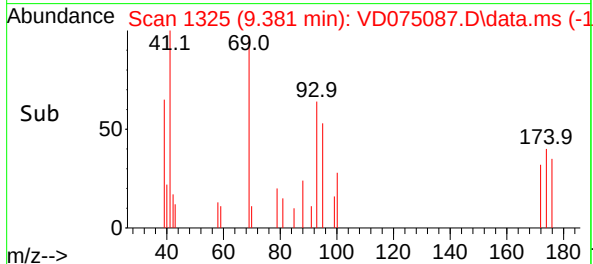
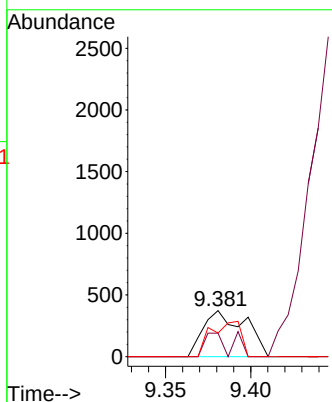
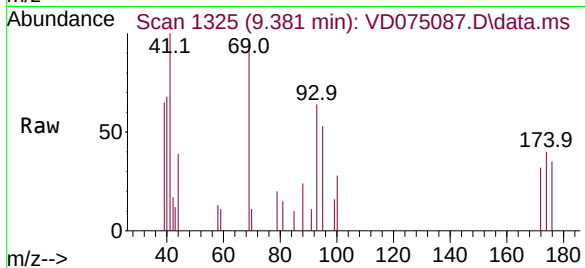
Tgt Ion: 88 Resp: 640

Ion Ratio Lower Upper

88 100

43 32.3 27.4 41.2

58 54.4 48.6 73.0



#50

Toluene-d8

Concen: 5.613 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075087.D

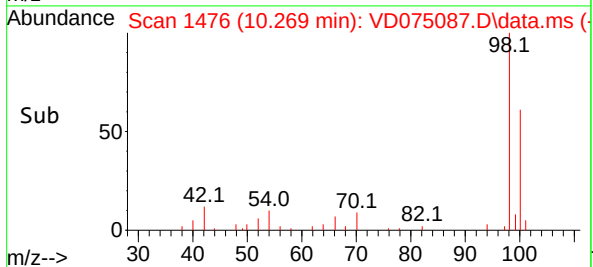
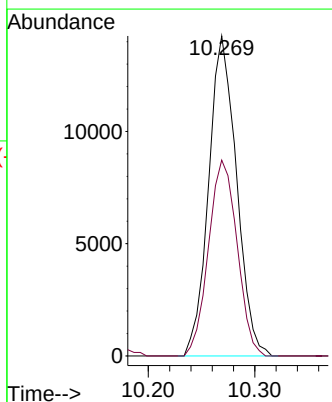
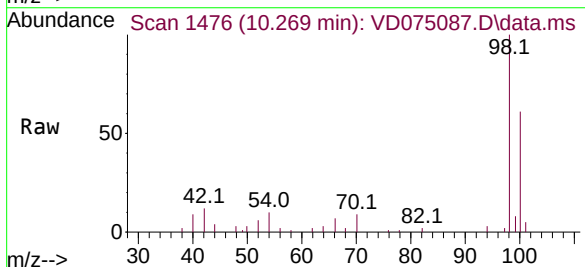
Acq: 09 Jan 2023 12:04

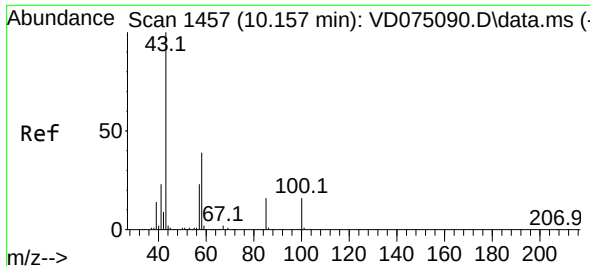
Tgt Ion: 98 Resp: 25929

Ion Ratio Lower Upper

98 100

100 62.7 52.4 78.6

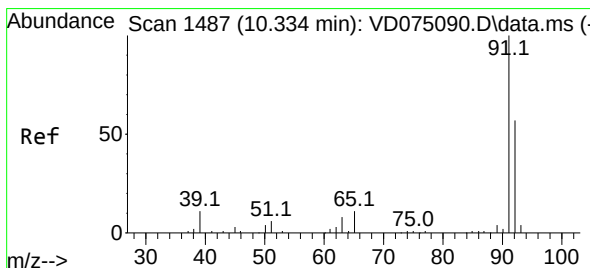
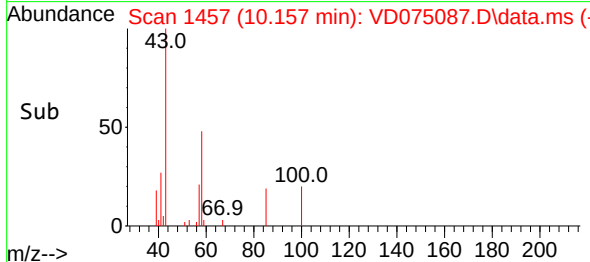
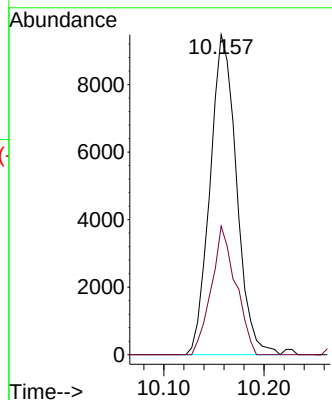
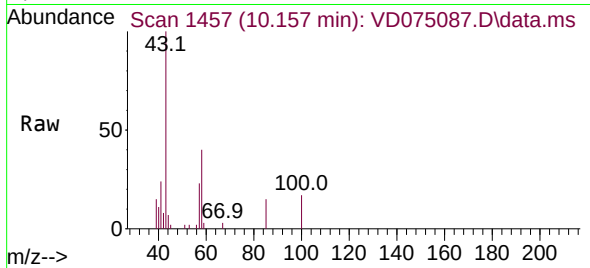




#51
4-Methyl-2-Pentanone
Concen: 24.805 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

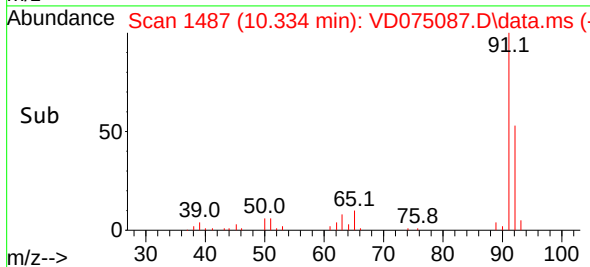
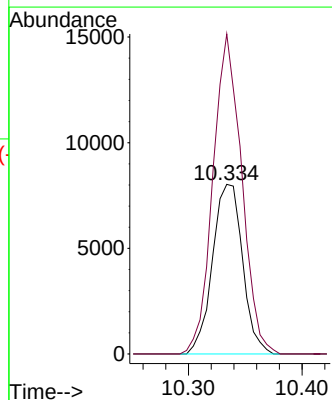
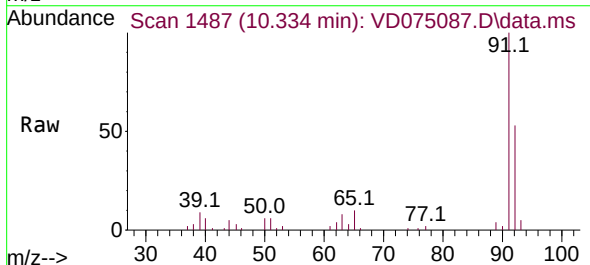
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

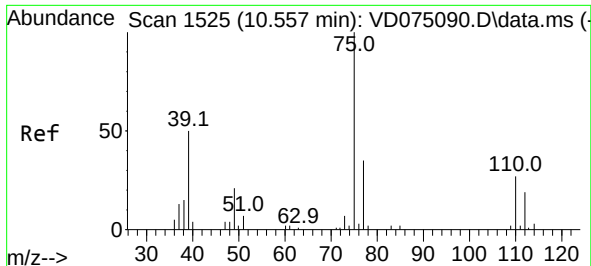
Tgt Ion: 43 Resp: 17375
Ion Ratio Lower Upper
43 100
58 37.0 31.0 46.4



#52
Toluene
Concen: 5.293 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 92 Resp: 14759
Ion Ratio Lower Upper
92 100
91 180.2 140.1 210.1

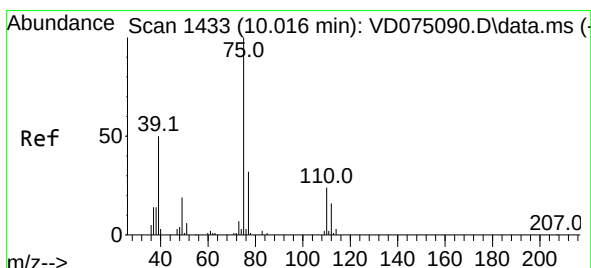
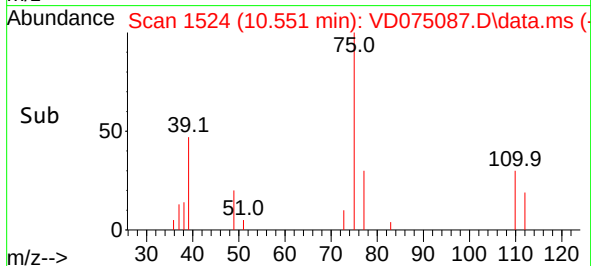
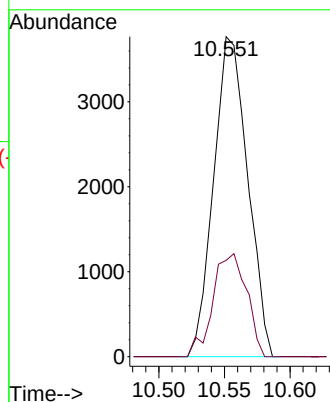
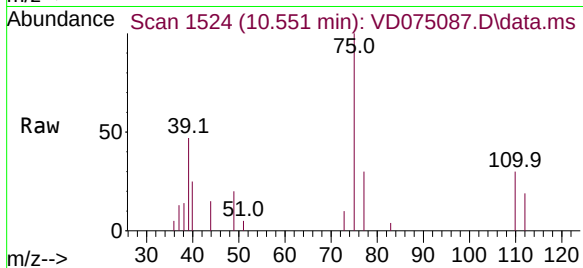




#53
t-1,3-Dichloropropene
Concen: 4.808 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

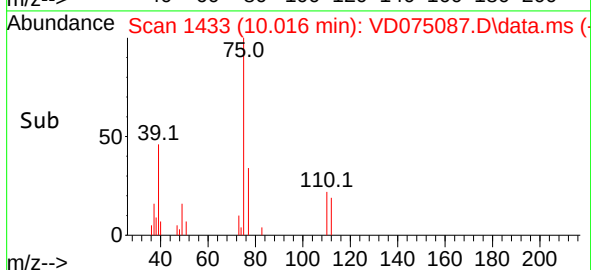
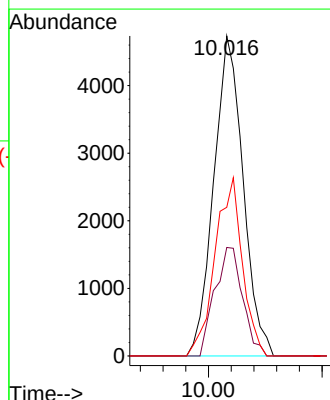
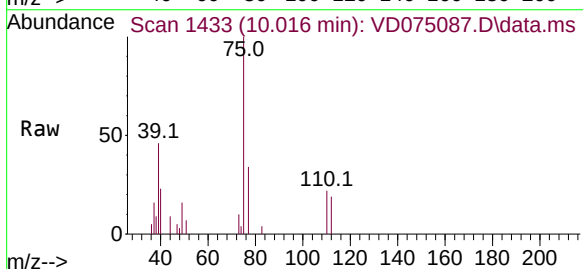
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

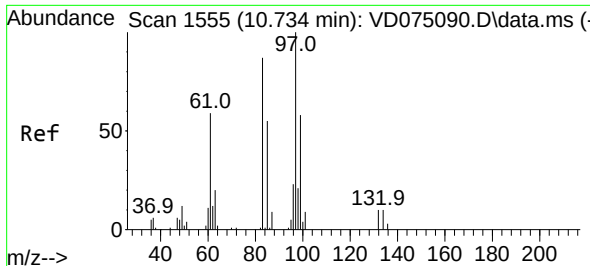
Tgt Ion: 75 Resp: 6796
Ion Ratio Lower Upper
75 100
77 30.1 27.6 41.4



#54
cis-1,3-Dichloropropene
Concen: 4.904 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 75 Resp: 8490
Ion Ratio Lower Upper
75 100
77 33.9 25.5 38.3
39 46.4 40.3 60.5

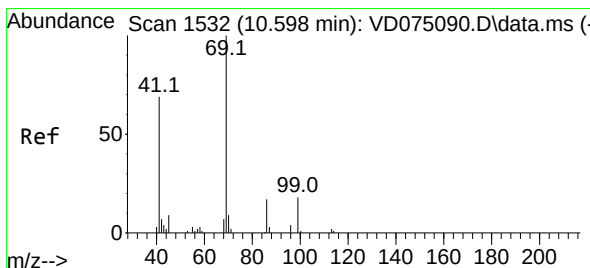
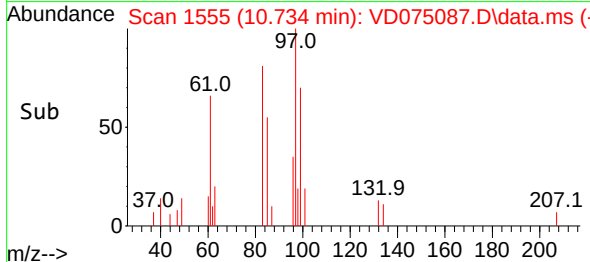
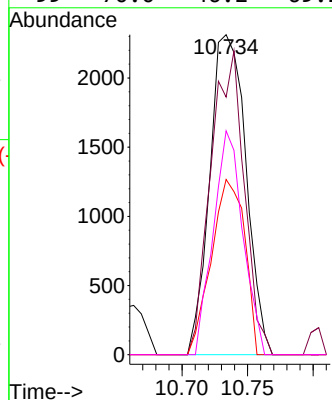
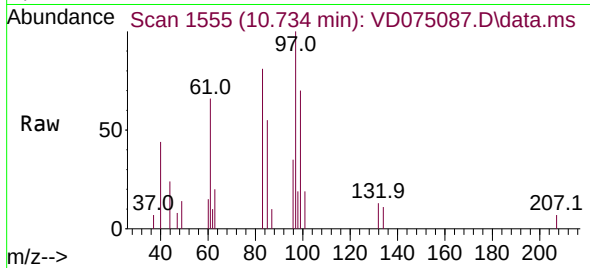




#55
1,1,2-Trichloroethane
Concen: 5.146 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

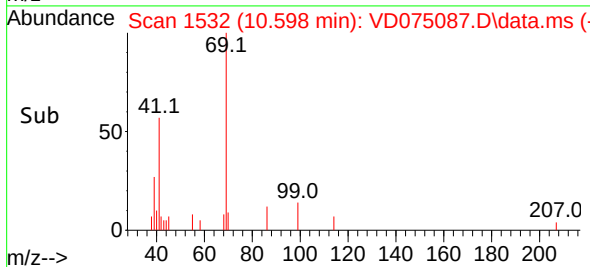
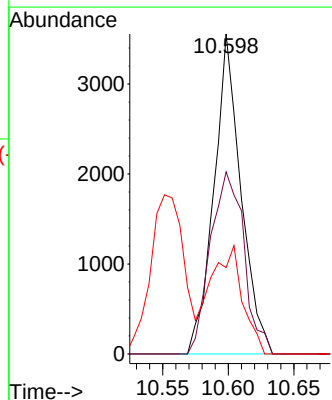
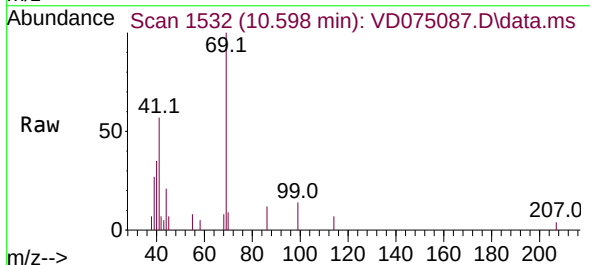
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

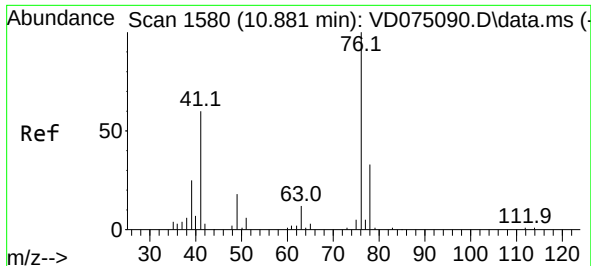
Tgt Ion:	97	Resp:	4439
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.4	104.2
85	54.7	43.8	65.8
99	70.0	46.2	69.2



#56
Ethyl methacrylate
Concen: 4.886 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:	69	Resp:	5091
Ion	Ratio	Lower	Upper
69	100		
41	70.6	54.4	81.6
39	40.2	30.6	45.8





#57

1,3-Dichloropropane

Concen: 5.071 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

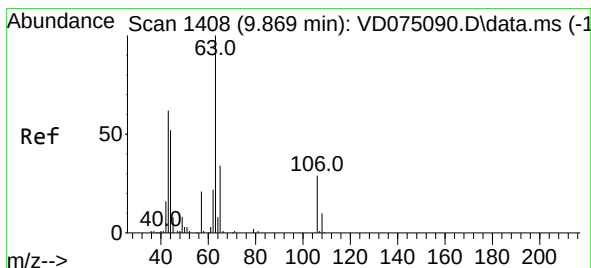
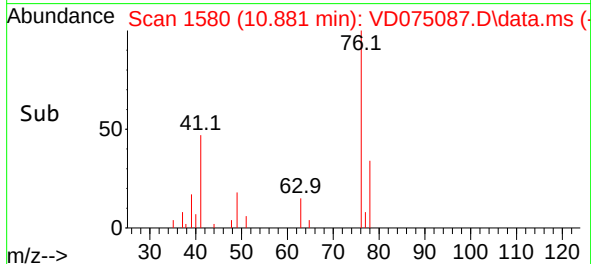
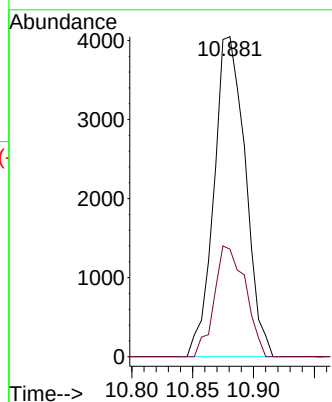
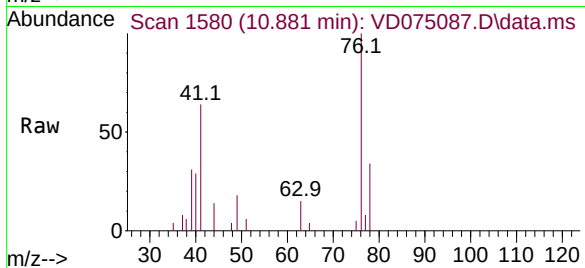
VSTDIC005

Tgt Ion: 76 Resp: 7267

Ion Ratio Lower Upper

76 100

78 34.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 19.083 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075087.D

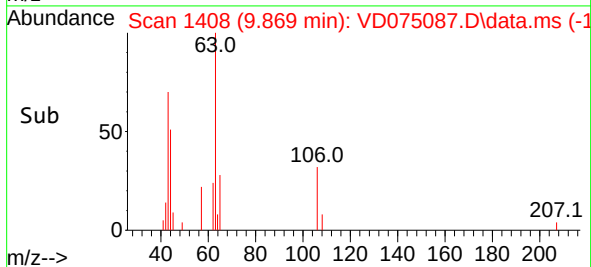
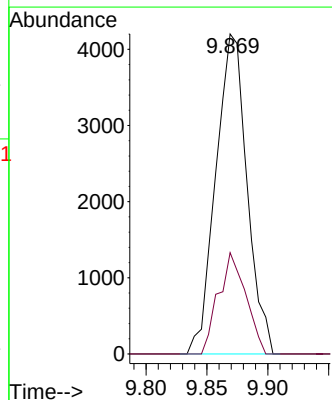
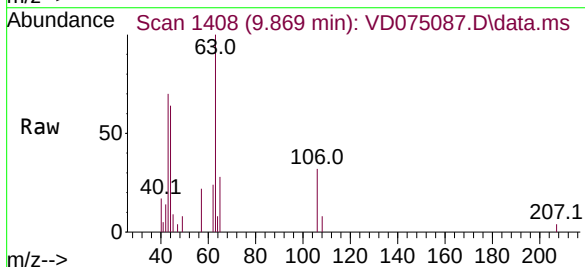
Acq: 09 Jan 2023 12:04

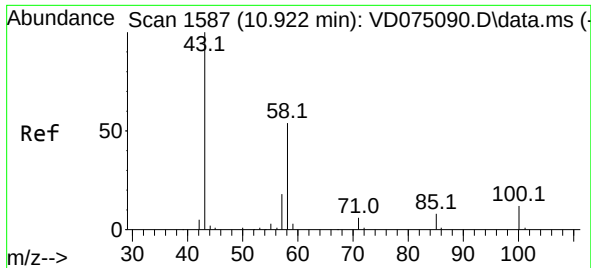
Tgt Ion: 63 Resp: 7507

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4

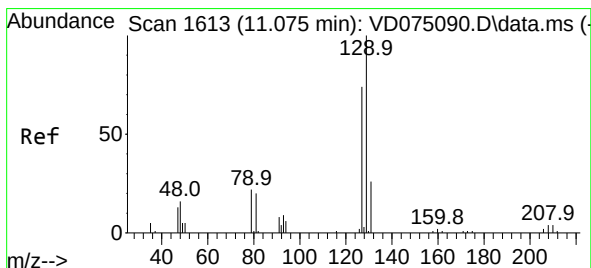
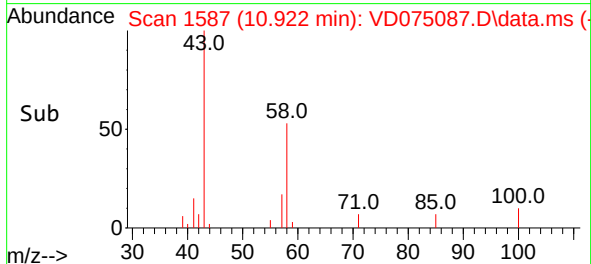
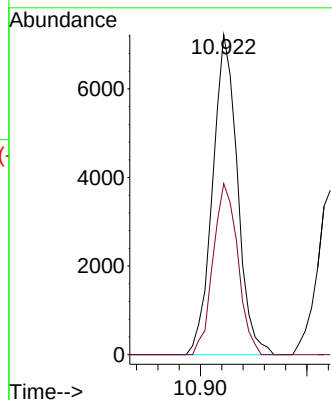
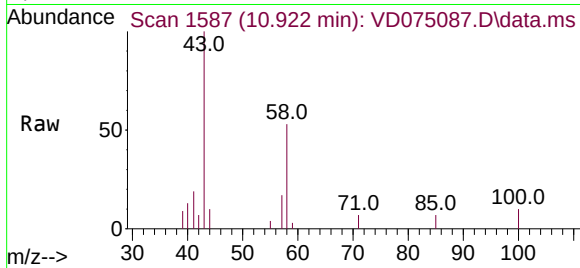




#59
2-Hexanone
Concen: 23.865 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

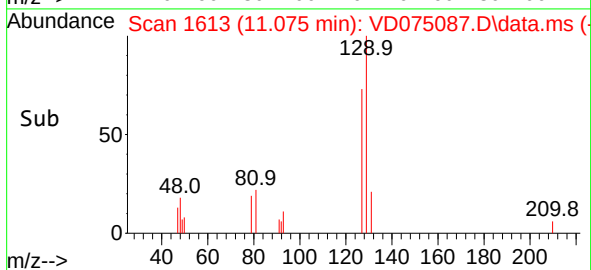
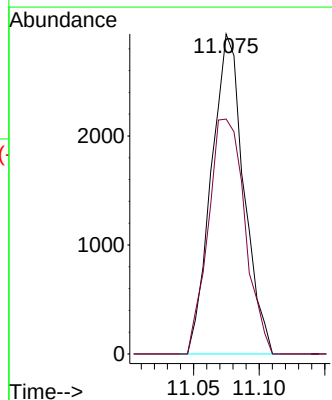
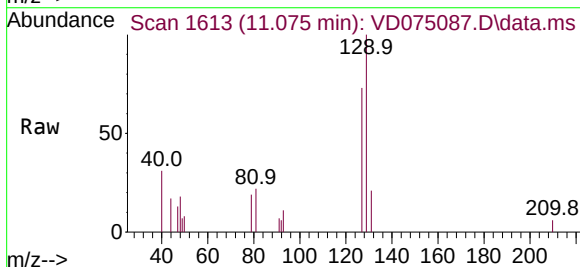
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

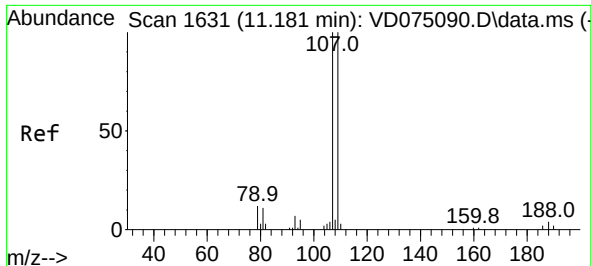
Tgt Ion: 43 Resp: 11693
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.8



#60
Dibromochloromethane
Concen: 4.945 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 129 Resp: 5051
Ion Ratio Lower Upper
129 100
127 82.8 38.6 116.0

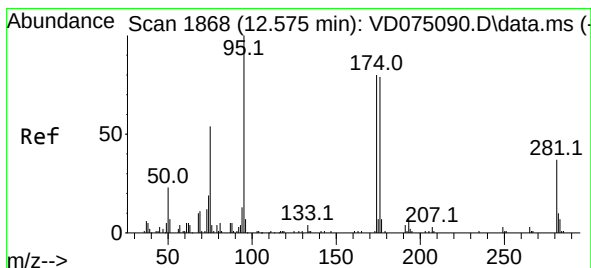
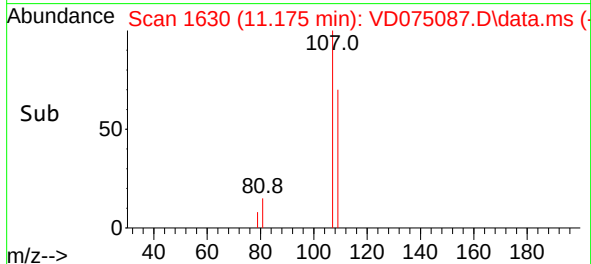
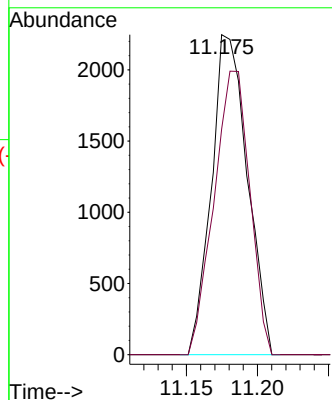
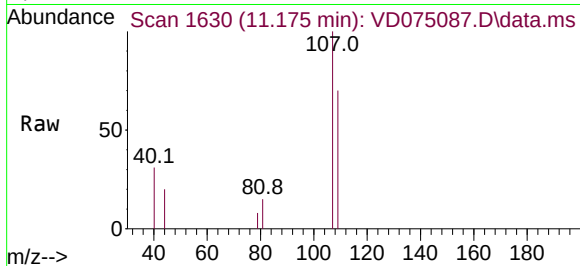




#61
1,2-Dibromoethane
Concen: 5.050 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

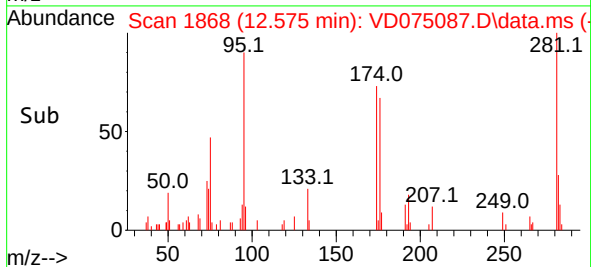
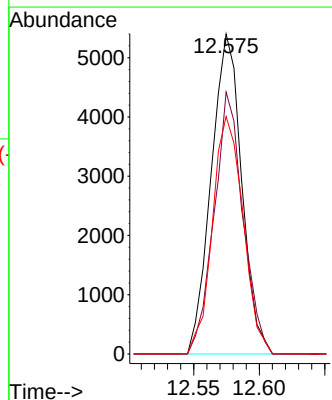
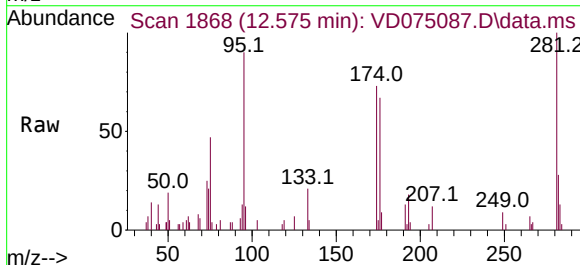
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

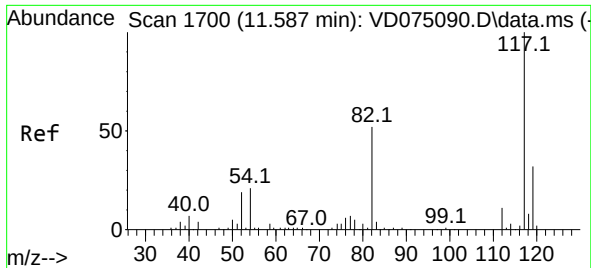
Tgt Ion:107 Resp: 3955
Ion Ratio Lower Upper
107 100
109 88.1 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 5.865 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 95 Resp: 8696
Ion Ratio Lower Upper
95 100
174 77.8 0.0 168.4
176 74.8 0.0 163.8

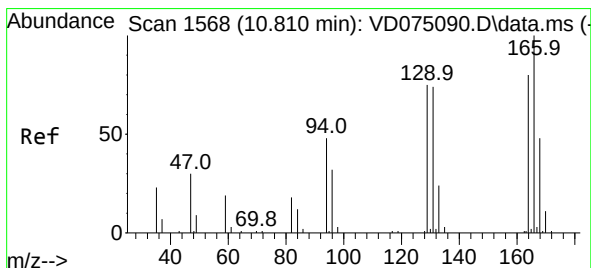
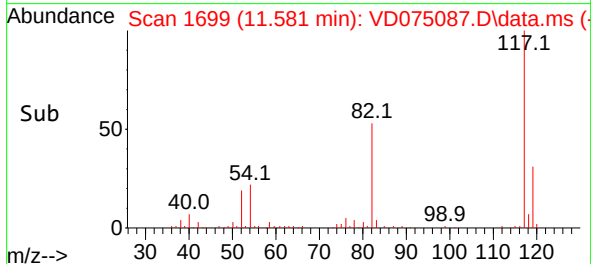
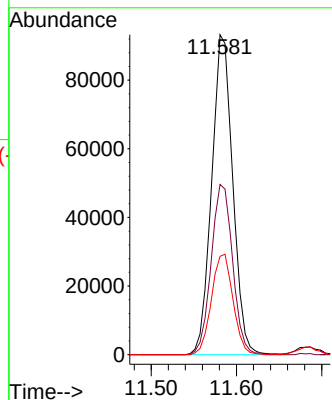
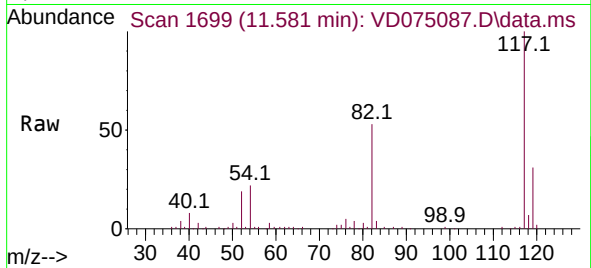




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

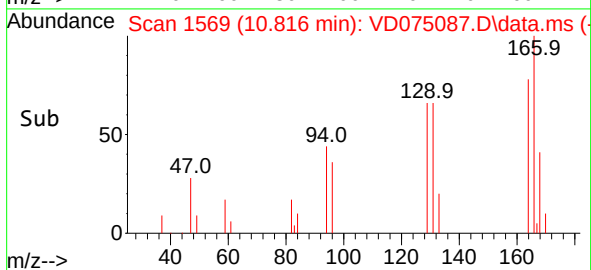
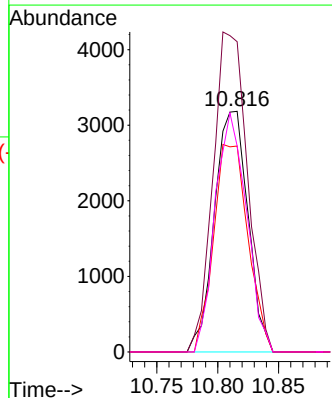
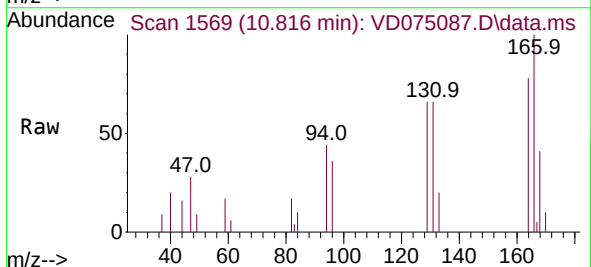
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

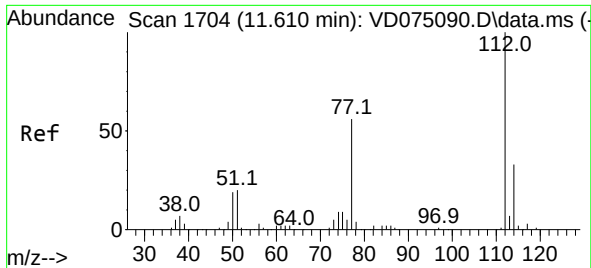
Tgt Ion:117 Resp: 160049
Ion Ratio Lower Upper
117 100
82 53.2 41.3 61.9
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 5.952 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:164 Resp: 6109
Ion Ratio Lower Upper
164 100
166 128.9 100.3 150.5
129 85.6 75.8 113.6
131 85.6 74.2 111.2

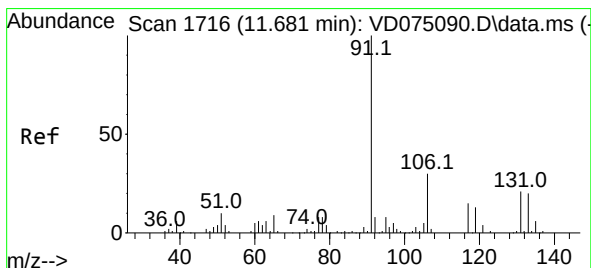
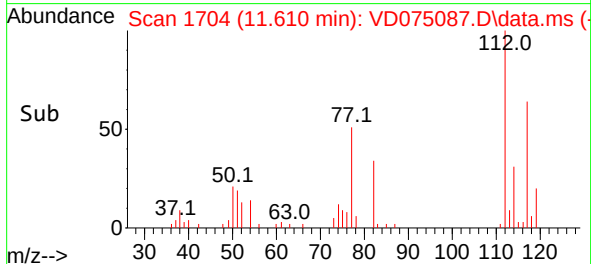
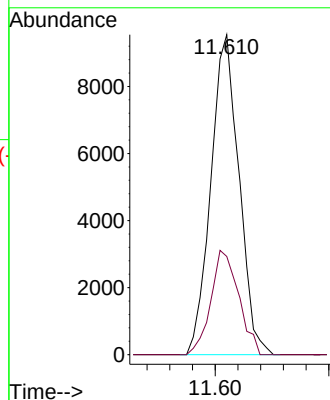
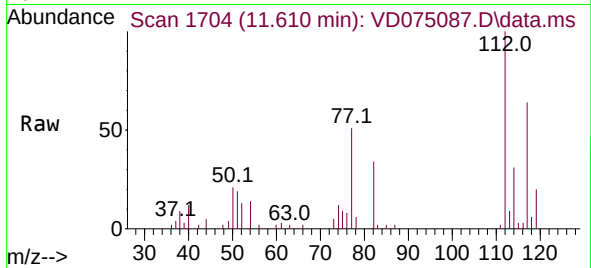




#65
Chlorobenzene
Concen: 5.445 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

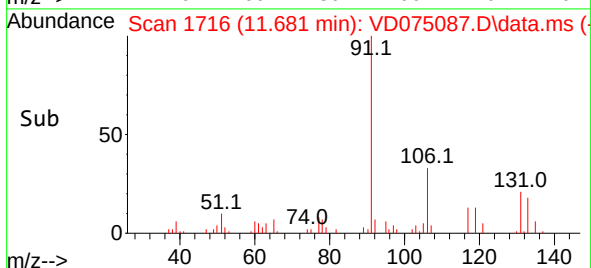
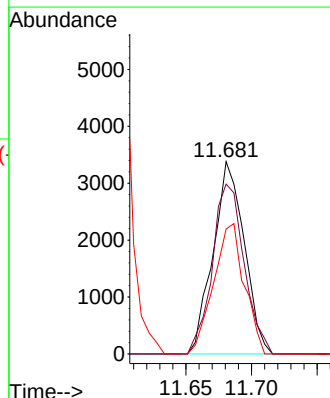
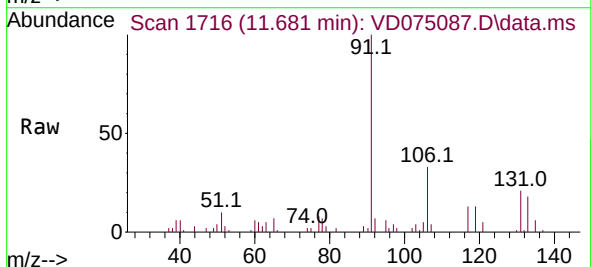
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

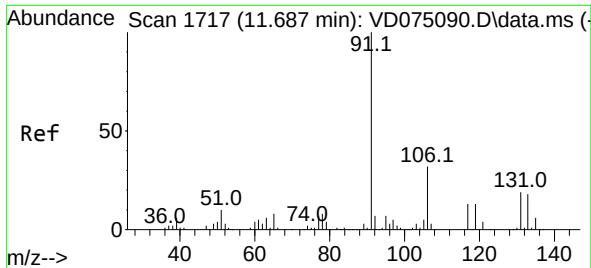
Tgt Ion:112 Resp: 16404
Ion Ratio Lower Upper
112 100
114 30.7 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.239 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:131 Resp: 5577
Ion Ratio Lower Upper
131 100
133 90.5 46.4 139.2
119 66.9 33.4 100.2

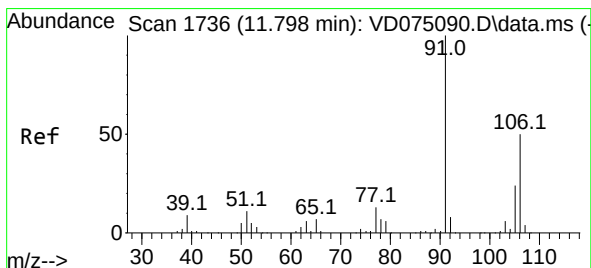
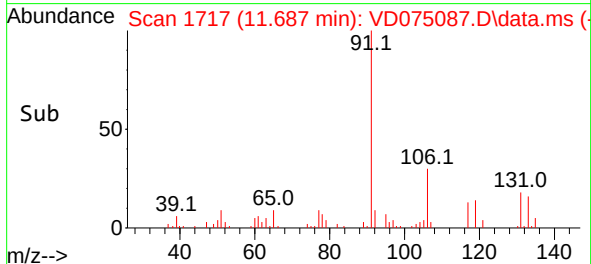
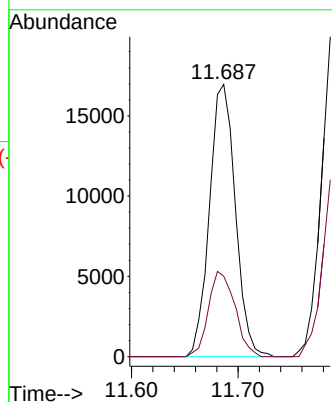
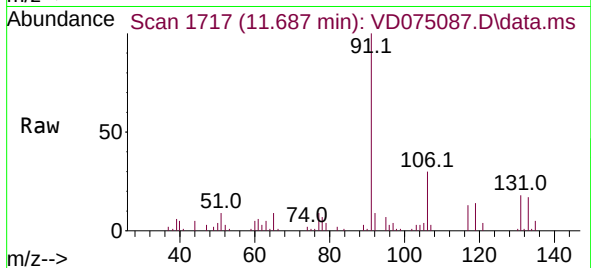




#67
Ethyl Benzene
Concen: 5.336 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

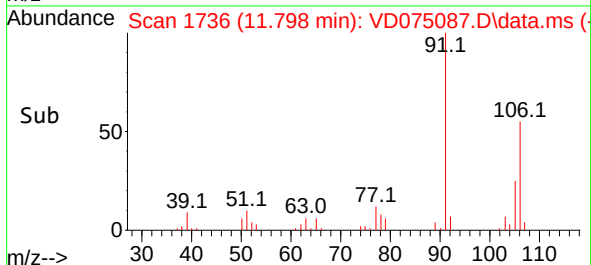
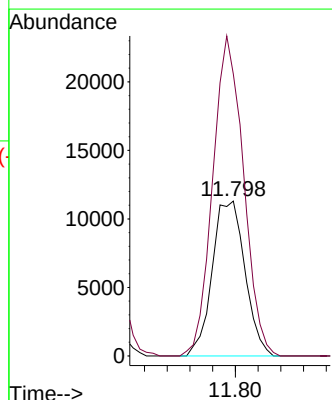
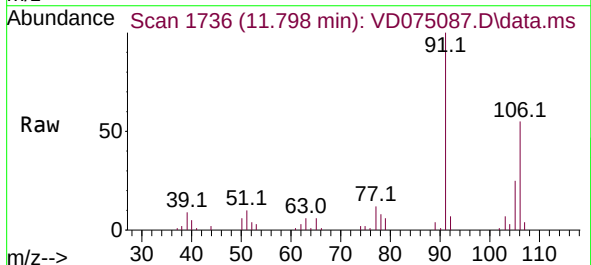
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

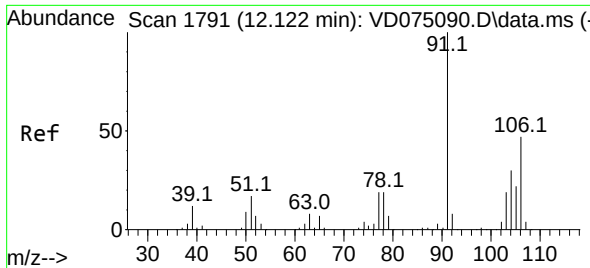
Tgt Ion: 91 Resp: 28623
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.6



#68
m/p-Xylenes
Concen: 10.933 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 106 Resp: 22606
Ion Ratio Lower Upper
106 100
91 194.2 157.9 236.9

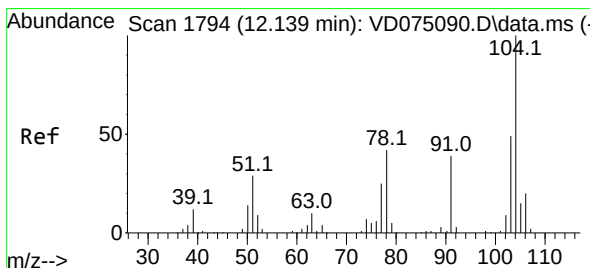
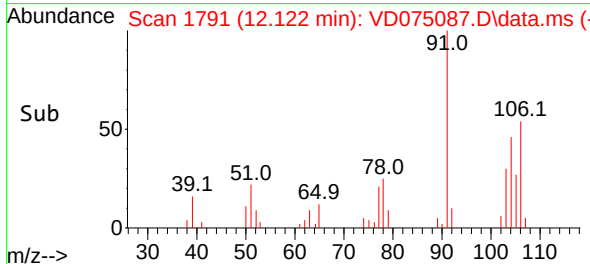
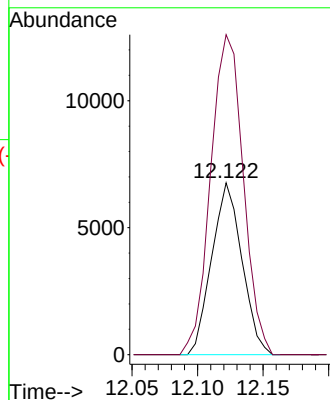
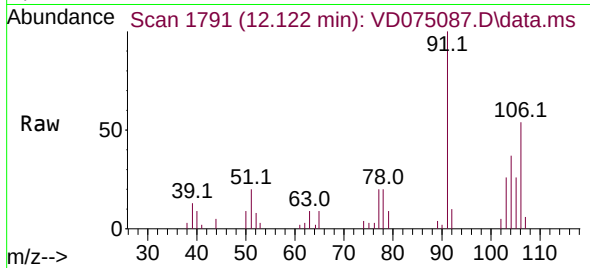




#69
o-Xylene
Concen: 5.412 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

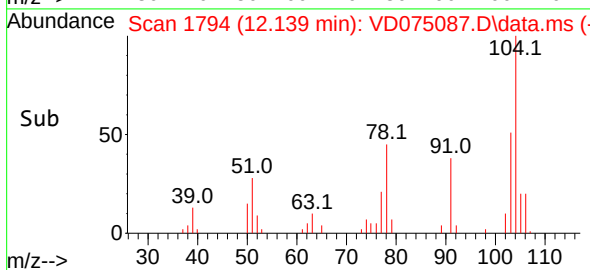
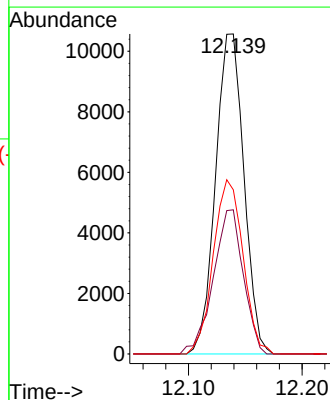
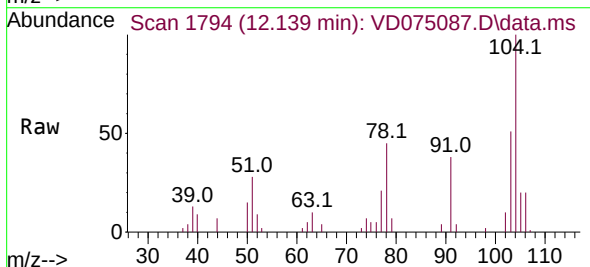
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

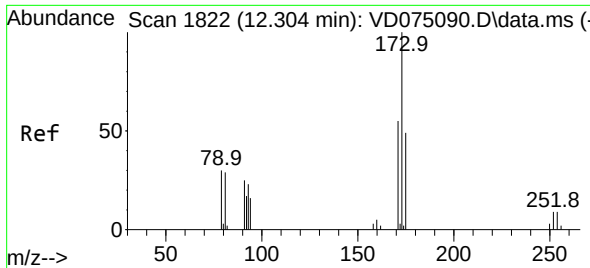
Tgt Ion:106 Resp: 10846
Ion Ratio Lower Upper
106 100
91 200.9 104.5 313.3



#70
Styrene
Concen: 5.484 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:104 Resp: 18366
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 57.1 43.9 65.9

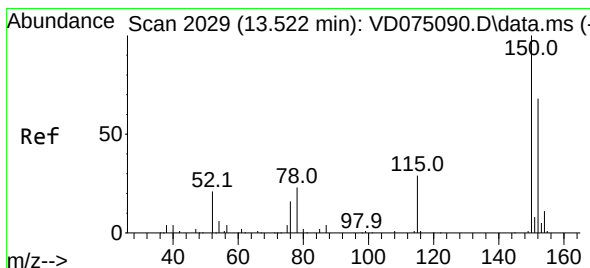
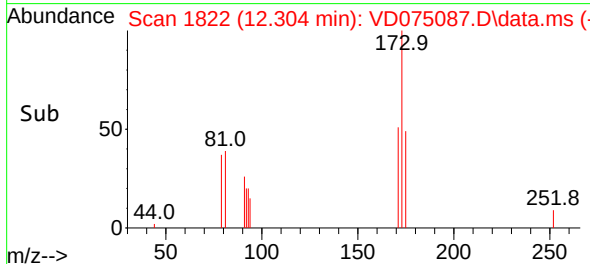
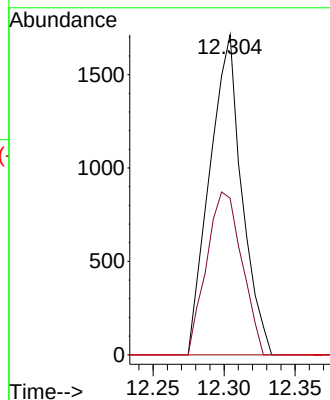
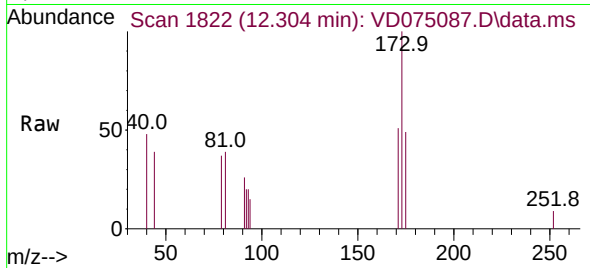




#71
Bromoform
Concen: 4.716 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

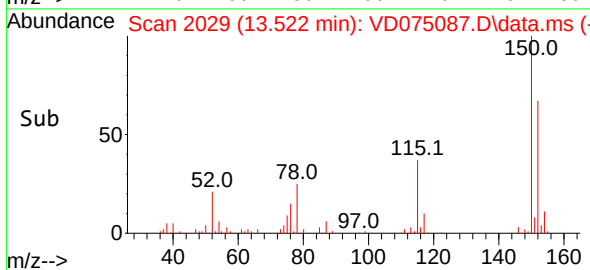
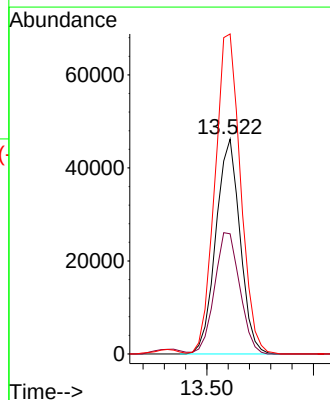
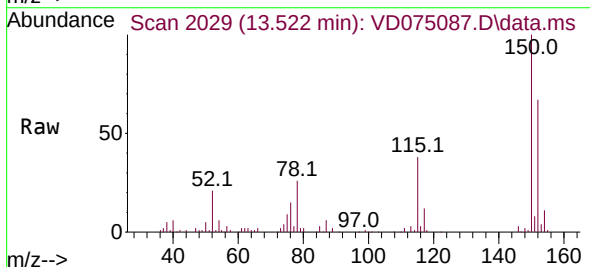
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

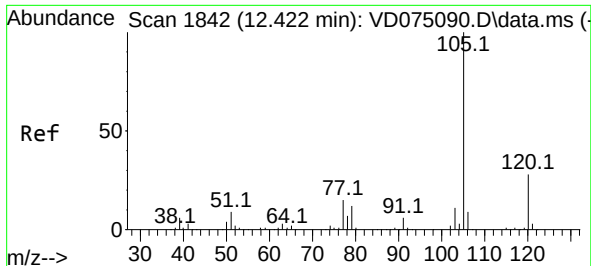
Tgt Ion:173 Resp: 2698
Ion Ratio Lower Upper
173 100
175 55.7 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:152 Resp: 72756
Ion Ratio Lower Upper
152 100
115 59.0 28.7 86.1
150 157.5 0.0 343.2

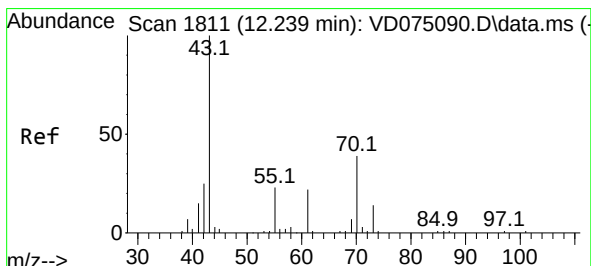
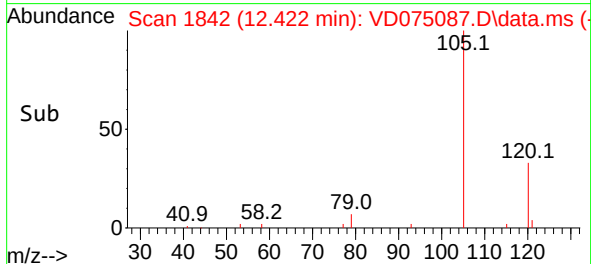
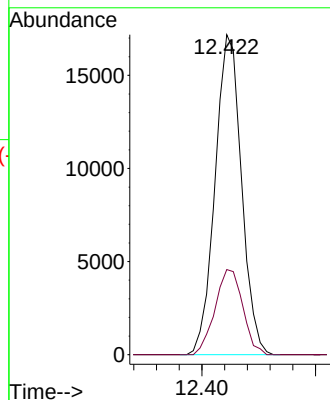
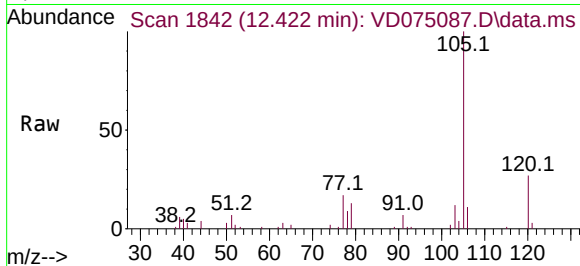




#73
Isopropylbenzene
Concen: 5.091 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

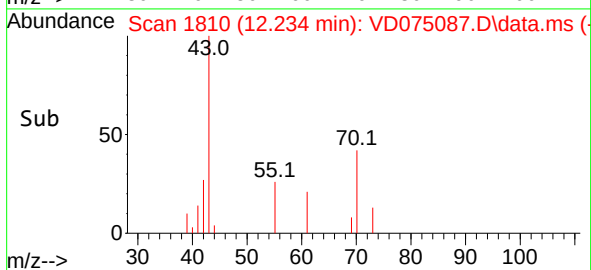
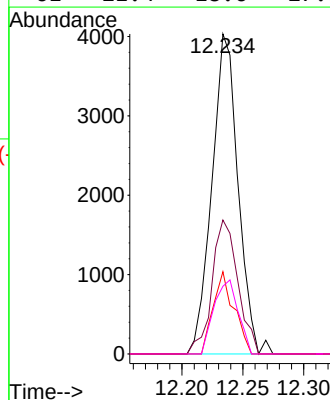
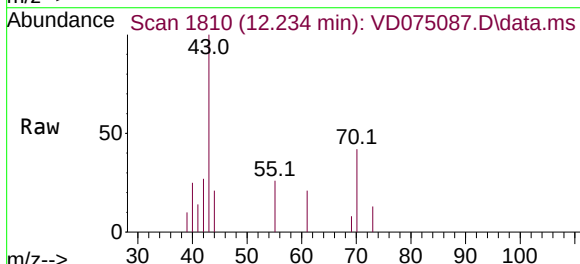
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

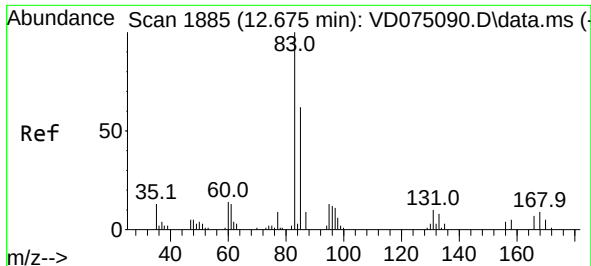
Tgt Ion:105 Resp: 27697
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.7



#74
N-ethyl acetate
Concen: 4.879 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 43 Resp: 6029
Ion Ratio Lower Upper
43 100
70 41.4 33.4 50.0
55 20.5 17.4 26.0
61 21.4 18.6 27.8

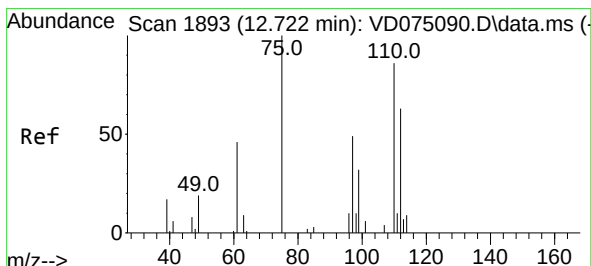
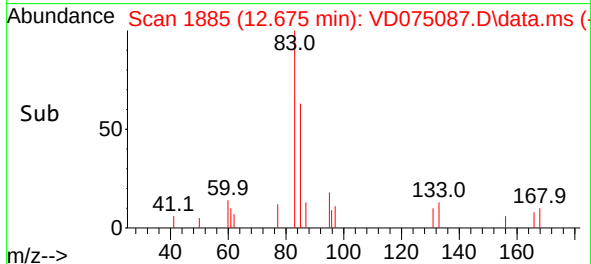
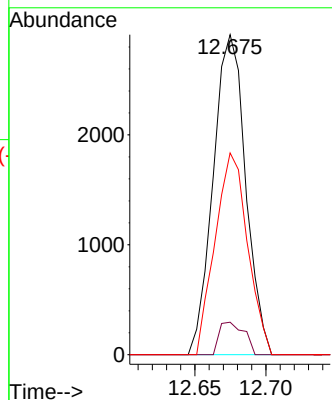
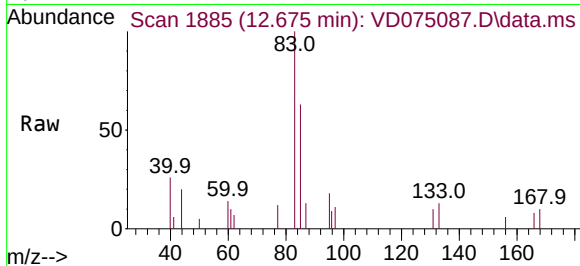




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.959 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

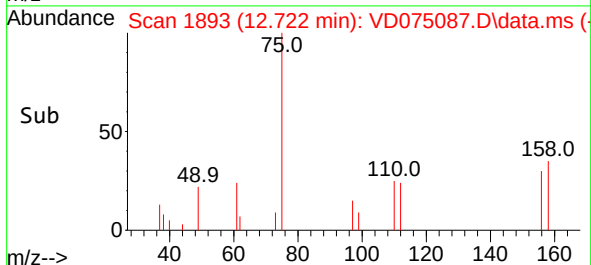
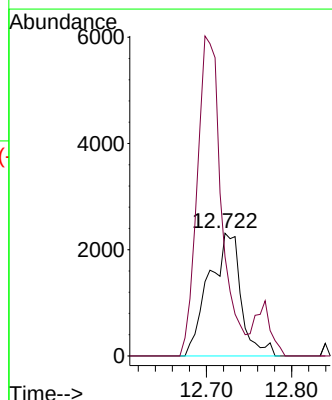
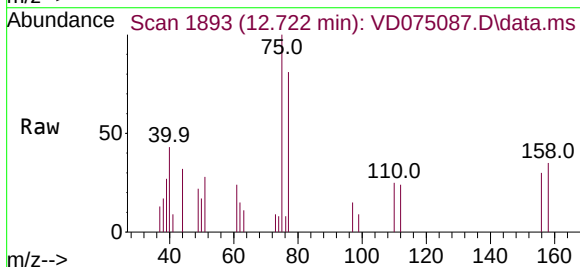
Instrument :
 MSVOA_D
 ClientSampleId :
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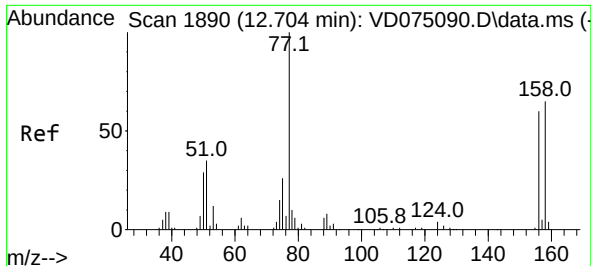
Tgt Ion: 83 Resp: 4623
 Ion Ratio Lower Upper
 83 100
 131 7.8 5.3 16.1
 85 63.1 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 7.946 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion: 75 Resp: 6050
 Ion Ratio Lower Upper
 75 100
 77 0.0 149.0 447.1#

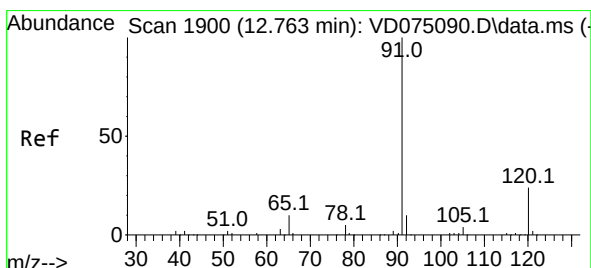
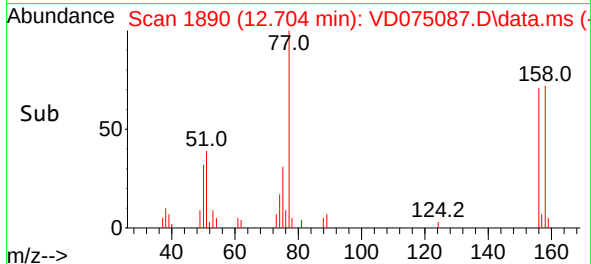
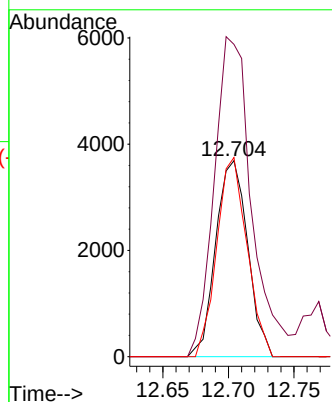
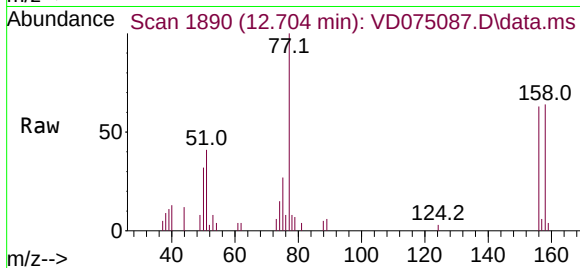




#77
Bromobenzene
Concen: 5.232 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

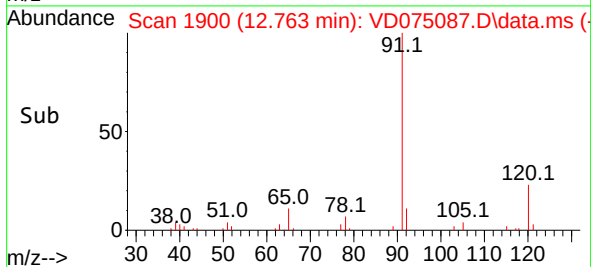
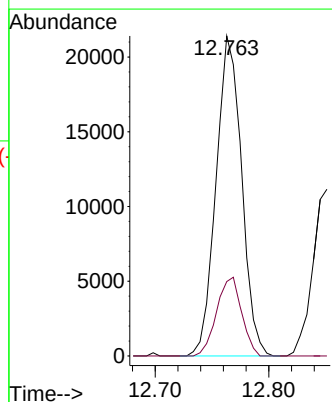
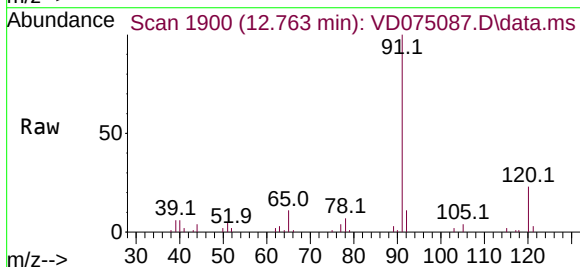
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

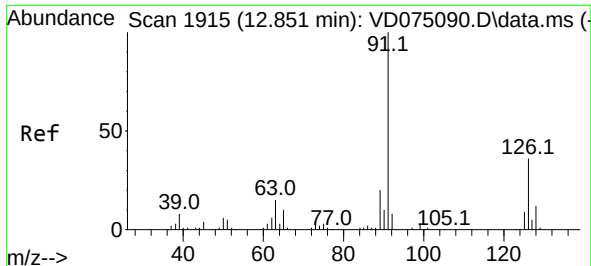
Tgt Ion:156 Resp: 6231
Ion Ratio Lower Upper
156 100
77 190.8 90.8 272.5
158 96.3 49.4 148.0



#78
n-propylbenzene
Concen: 5.130 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 91 Resp: 33472
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 5.373 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

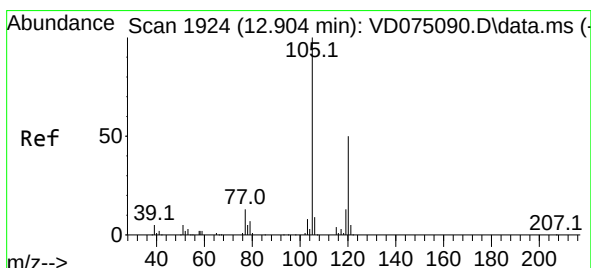
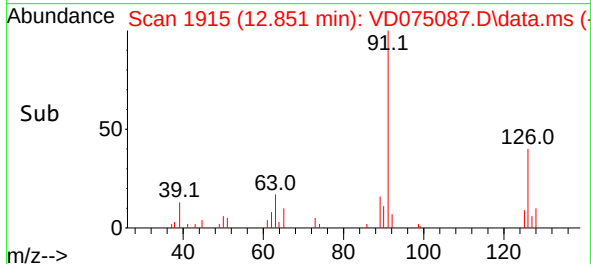
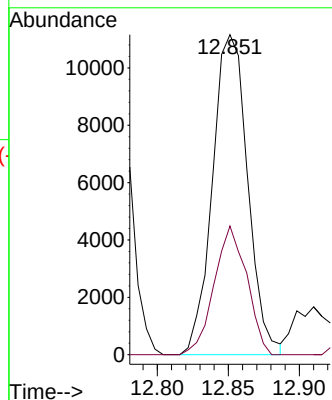
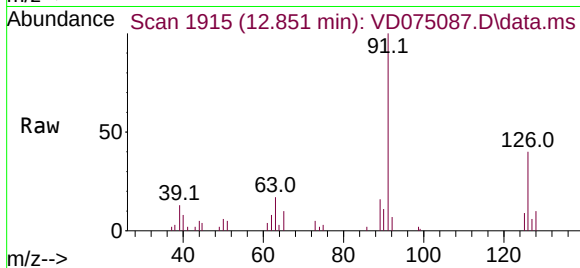
VSTDIC005

Tgt Ion: 91 Resp: 19264

Ion Ratio Lower Upper

91 100

126 37.2 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 5.376 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075087.D

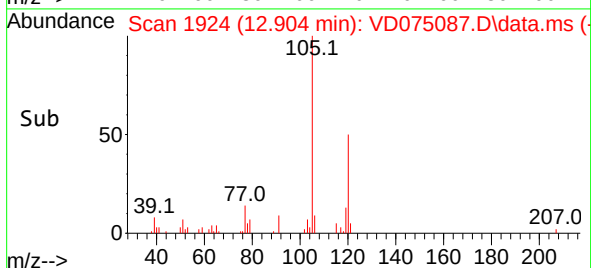
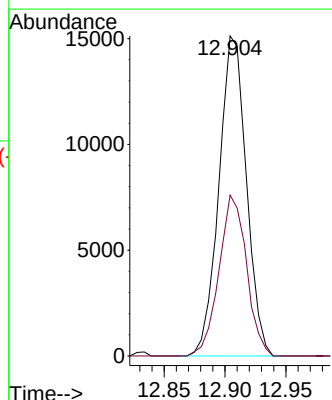
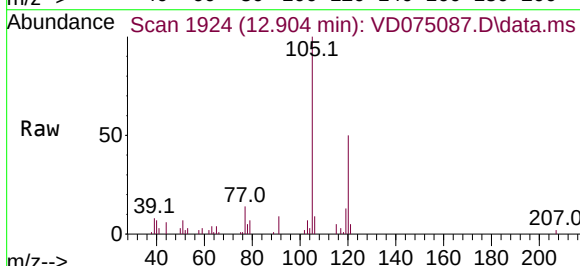
Acq: 09 Jan 2023 12:04

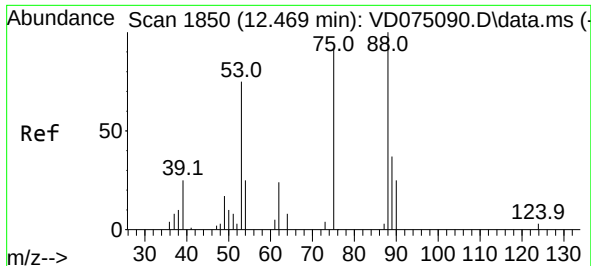
Tgt Ion: 105 Resp: 23727

Ion Ratio Lower Upper

105 100

120 50.4 24.8 74.3

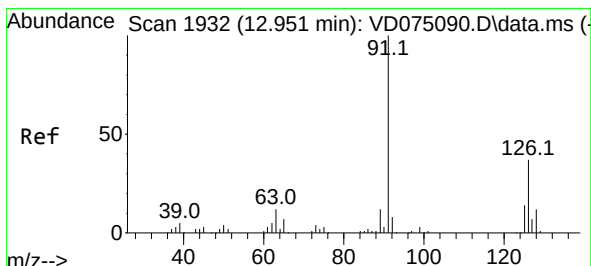
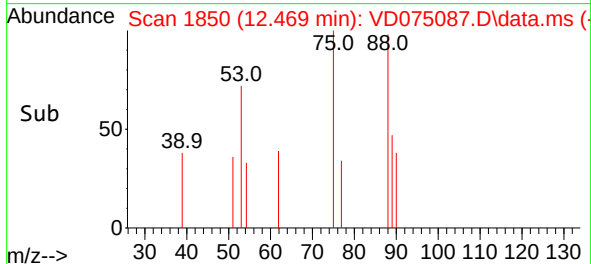
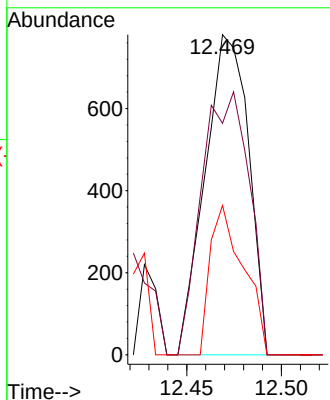
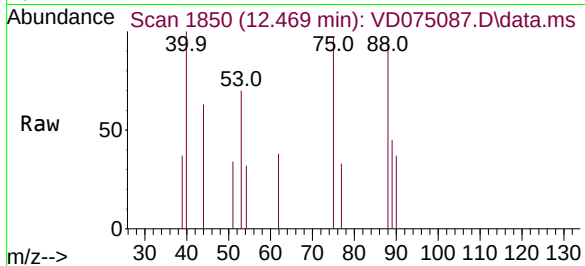




#81
trans-1,4-Dichloro-2-butene
Concen: 4.770 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

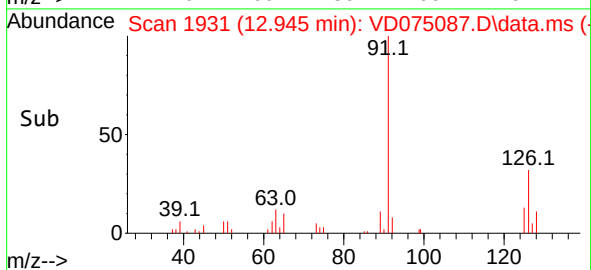
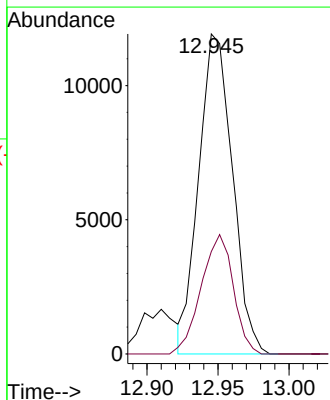
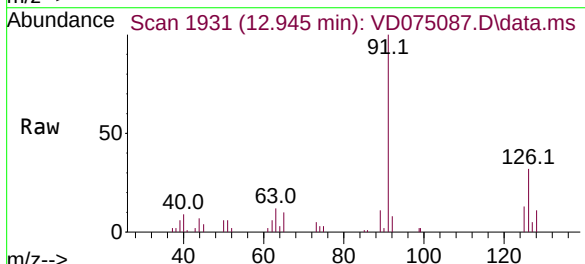
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

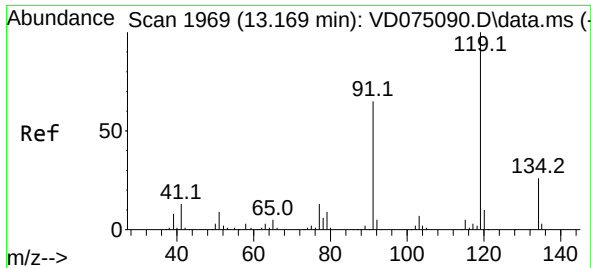
Tgt Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
53 89.9 68.6 103.0
89 35.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 5.354 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion: 91 Resp: 19663
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.8

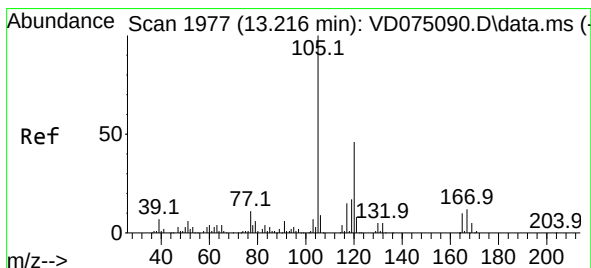
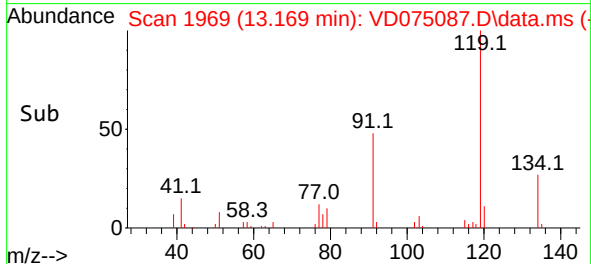
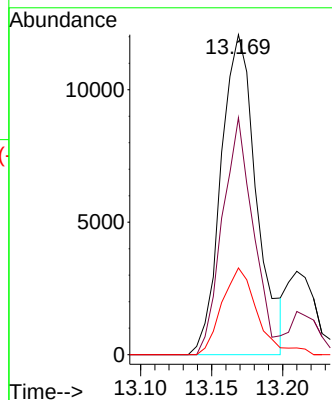
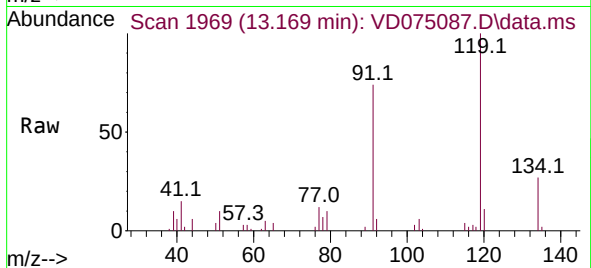




#83
tert-Butylbenzene
Concen: 5.385 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

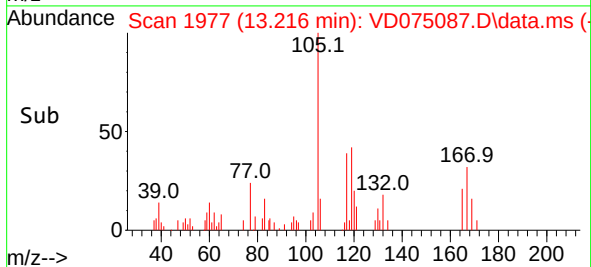
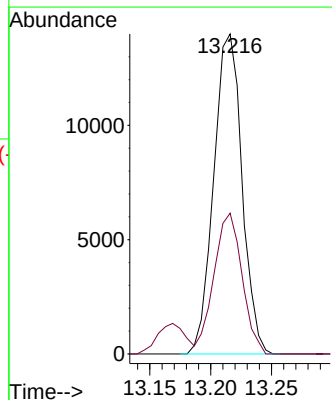
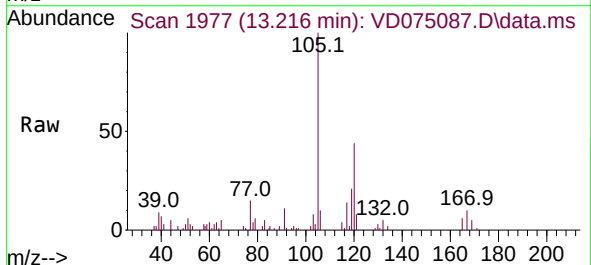
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

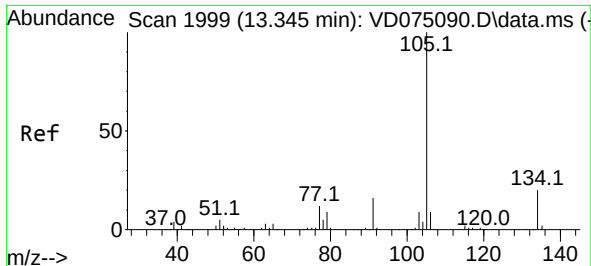
Tgt Ion:119 Resp: 20974
Ion Ratio Lower Upper
119 100
91 65.0 32.6 97.8
134 27.1 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 5.291 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075087.D
Acq: 09 Jan 2023 12:04

Tgt Ion:105 Resp: 22568
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4

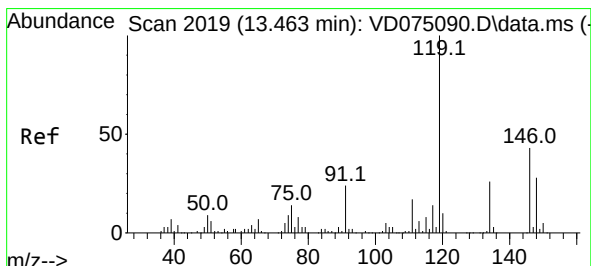
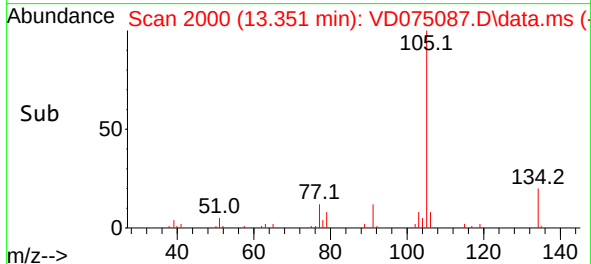
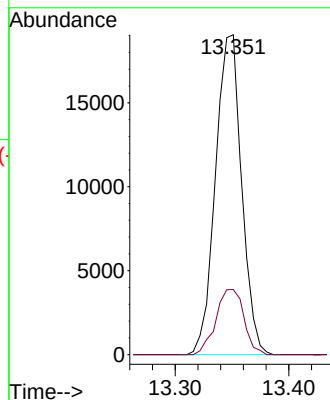
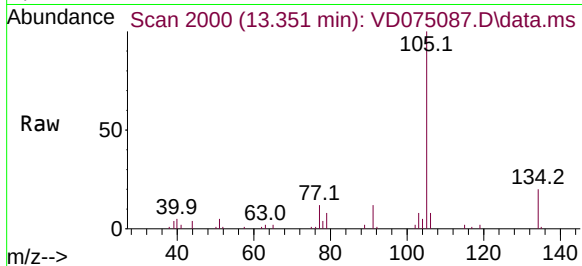




#85
 sec-Butylbenzene
 Concen: 5.165 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

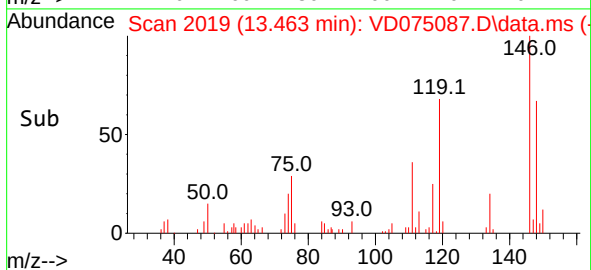
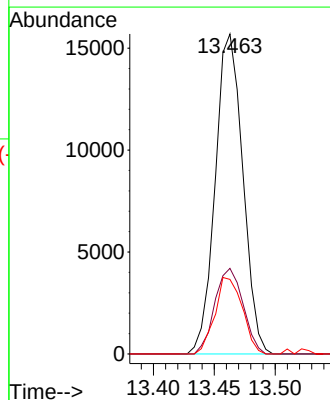
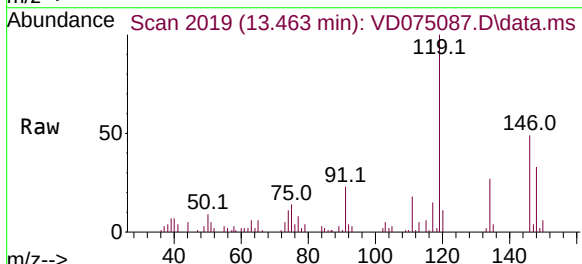
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

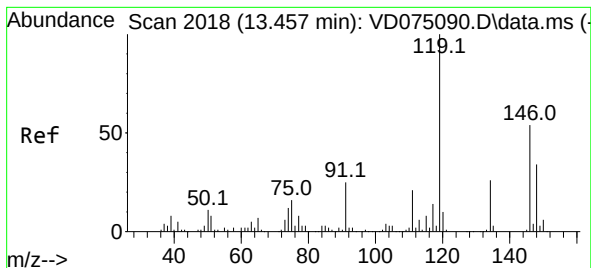
Tgt Ion:105 Resp: 30482
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 5.190 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion:119 Resp: 24742
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.1
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 5.339 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

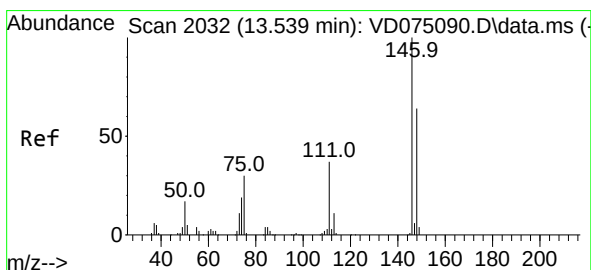
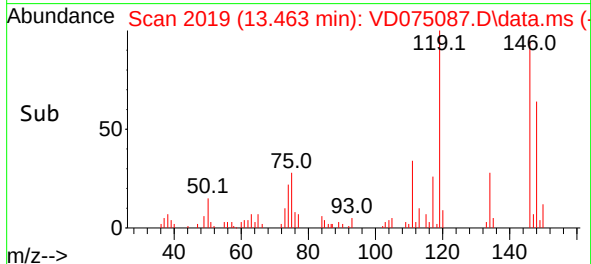
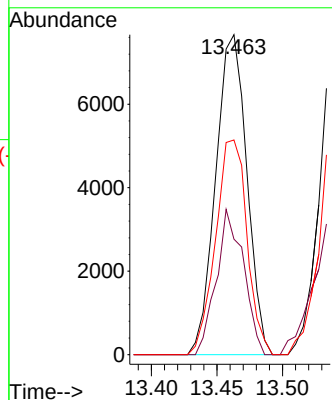
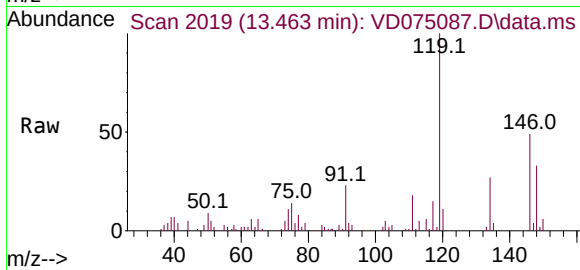
Tgt Ion:146 Resp: 12659

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

148 67.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 5.332 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

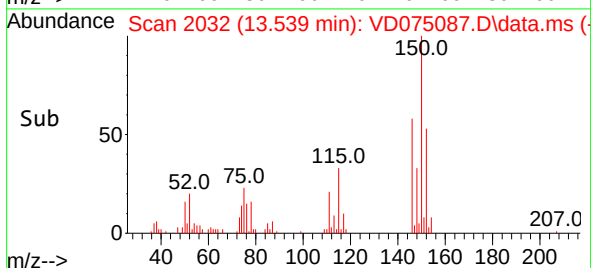
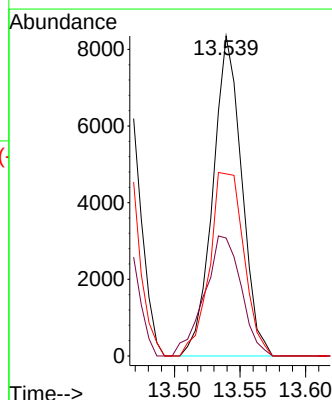
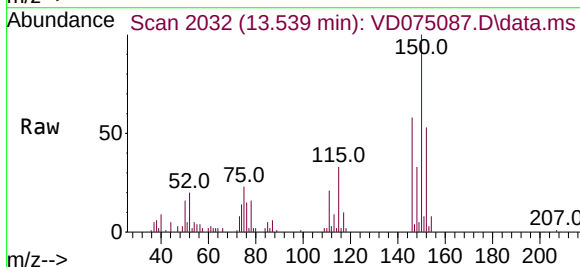
Tgt Ion:146 Resp: 12785

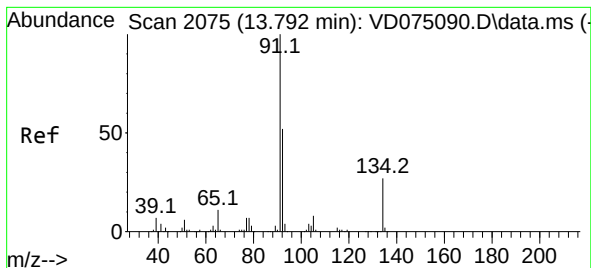
Ion Ratio Lower Upper

146 100

111 47.4 19.3 57.8

148 67.9 31.4 94.0





#89

n-Butylbenzene

Concen: 5.166 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

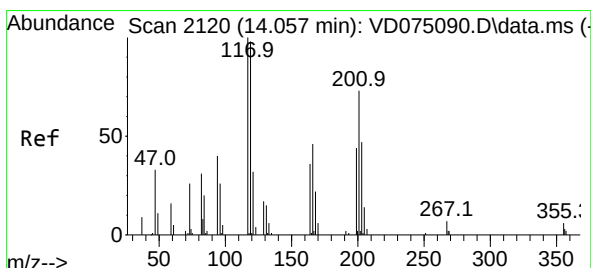
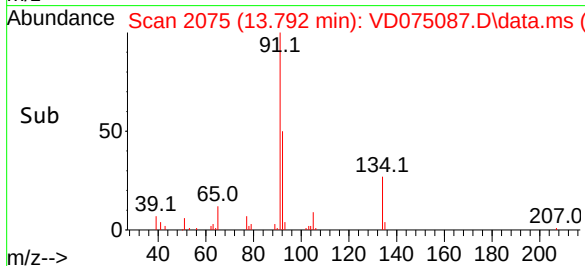
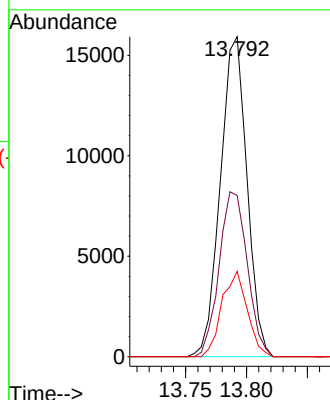
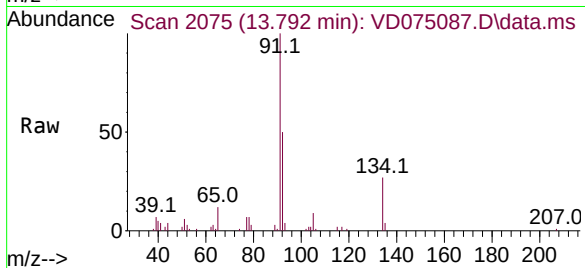
Tgt Ion: 91 Resp: 24218

Ion Ratio Lower Upper

91 100

92 54.5 26.2 78.5

134 25.5 13.2 39.6



#90

Hexachloroethane

Concen: 4.864 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075087.D

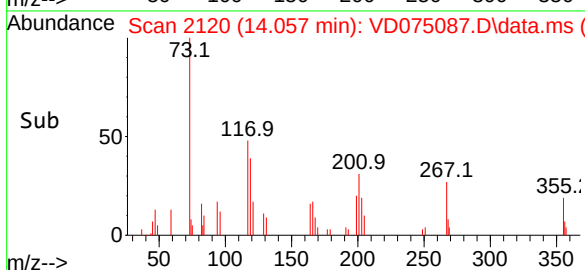
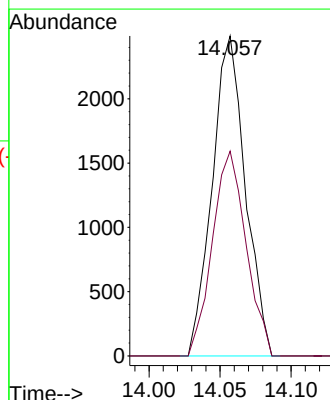
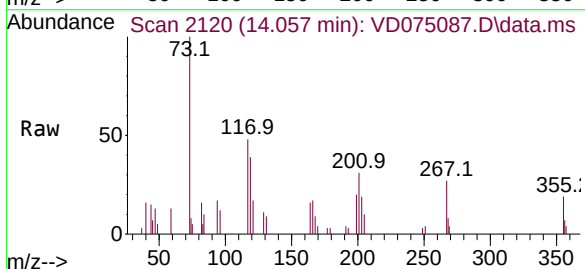
Acq: 09 Jan 2023 12:04

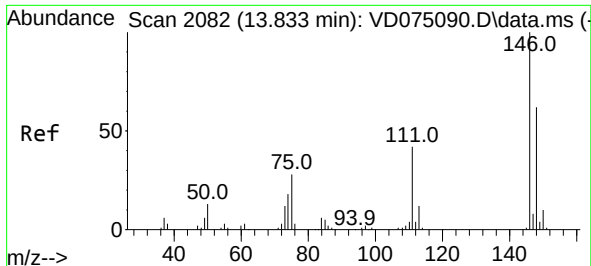
Tgt Ion: 117 Resp: 4042

Ion Ratio Lower Upper

117 100

201 64.9 35.5 106.7

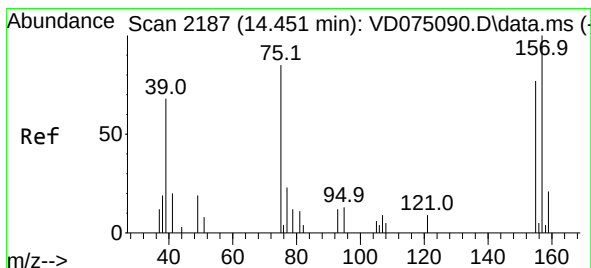
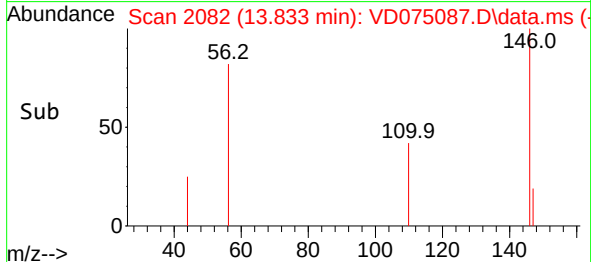
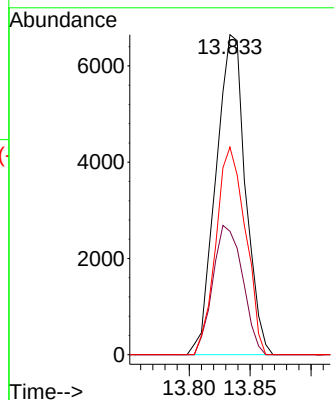
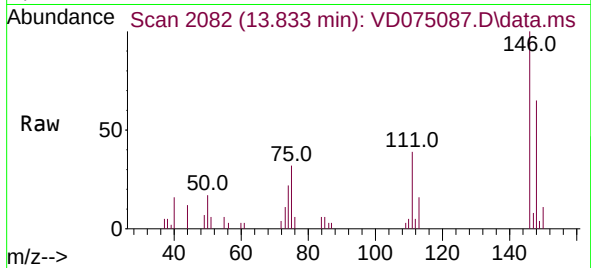




#91
 1,2-Dichlorobenzene
 Concen: 5.295 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

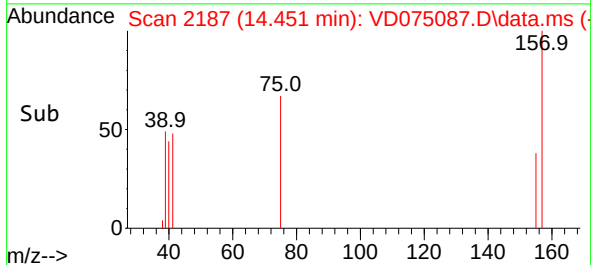
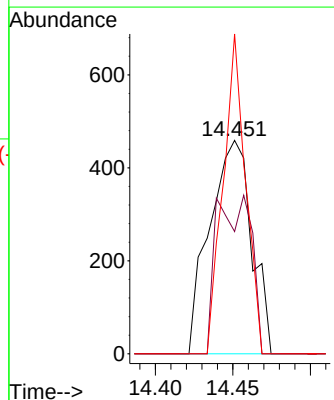
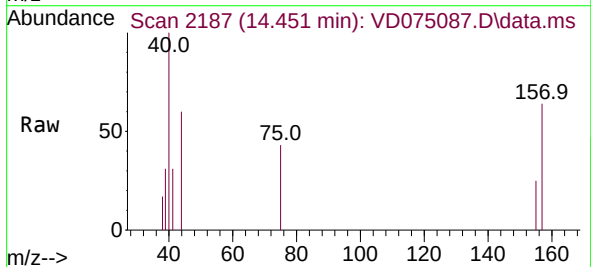
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

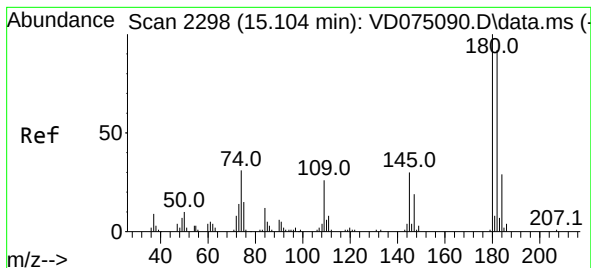
Tgt Ion:146 Resp: 11238
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.789 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD075087.D
 Acq: 09 Jan 2023 12:04

Tgt Ion: 75 Resp: 868
 Ion Ratio Lower Upper
 75 100
 155 60.8 45.4 136.2
 157 79.8 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 5.109 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

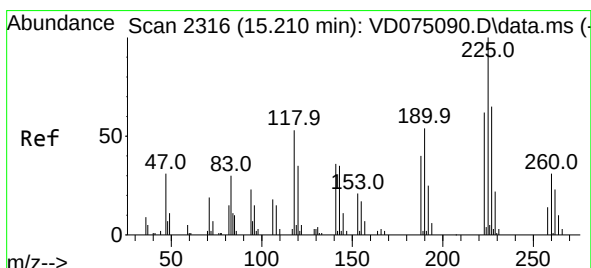
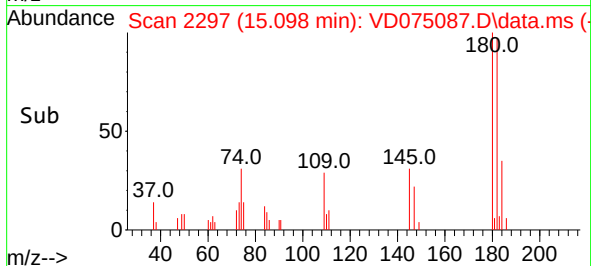
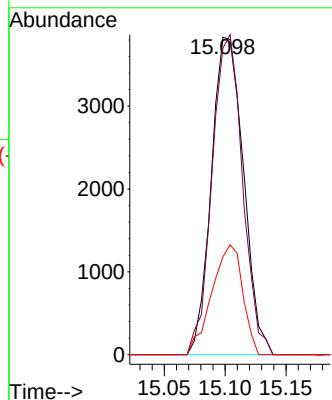
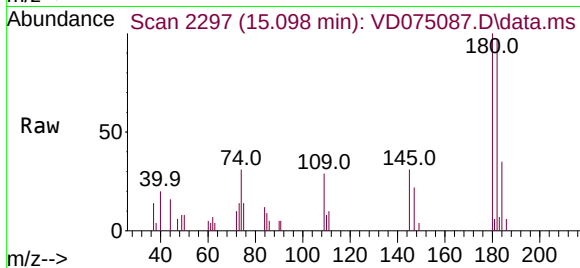
Tgt Ion:180 Resp: 7011

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 33.3 15.7 47.0



#94

Hexachlorobutadiene

Concen: 4.729 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

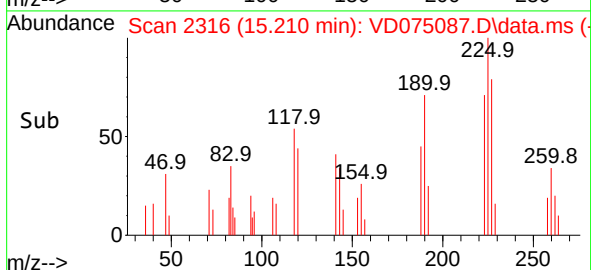
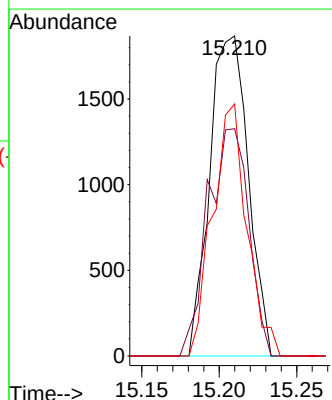
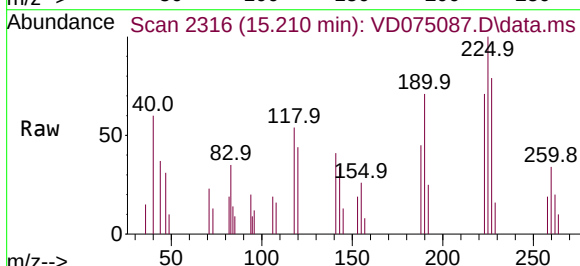
Tgt Ion:225 Resp: 3235

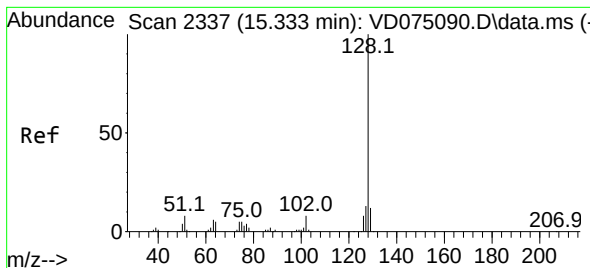
Ion Ratio Lower Upper

225 100

223 75.2 31.1 93.5

227 70.1 31.1 93.3





#95

Naphthalene

Concen: 4.835 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

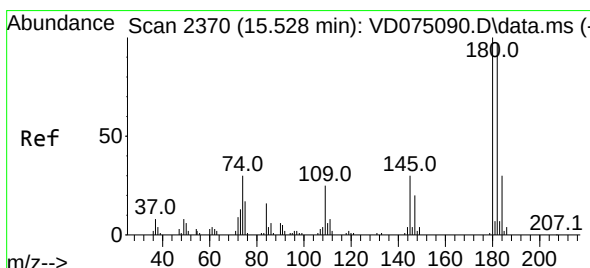
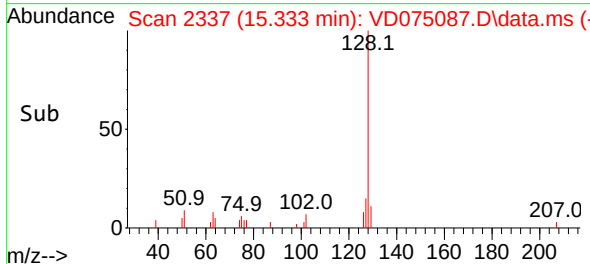
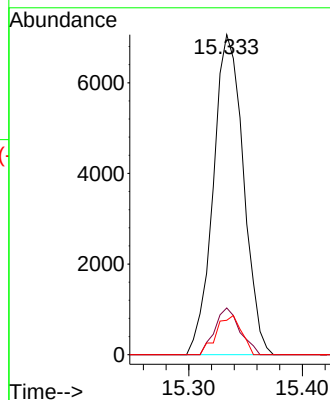
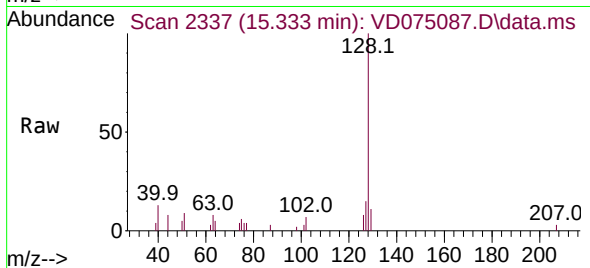
Tgt Ion:128 Resp: 13029

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.848 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075087.D

Acq: 09 Jan 2023 12:04

Tgt Ion:180 Resp: 5747

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.3

145 35.4 16.0 48.0

