

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075024.D
 Acq On : 15 Dec 2022 13:14
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 16 05:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	152839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	272585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	115643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14098	11.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.400%#
35) Dibromofluoromethane	7.810	113	16314	8.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	17.740%#
50) Toluene-d8	10.269	98	63609	9.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	19.360%#
62) 4-Bromofluorobenzene	12.575	95	18676	9.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	19.400%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12547	12.768	ug/l	96
3) Chloromethane	2.146	50	21751	13.498	ug/l	98
4) Vinyl Chloride	2.281	62	24998	12.636	ug/l	96
5) Bromomethane	2.693	94	21365	13.096	ug/l	97
6) Chloroethane	2.834	64	18032	12.273	ug/l	96
7) Trichlorofluoromethane	3.175	101	29431	12.058	ug/l	100
8) Diethyl Ether	3.599	74	8278	11.459	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	18556	11.568	ug/l	99
10) Methyl Iodide	4.163	142	18101	10.420	ug/l	99
11) Tert butyl alcohol	5.040	59	5004	62.362	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	17851	11.858	ug/l	94
13) Acrolein	3.799	56	8873	56.454	ug/l	100
14) Allyl chloride	4.569	41	19330	11.196	ug/l	99
15) Acrylonitrile	5.257	53	16268	53.632	ug/l	95
16) Acetone	4.028	43	15428	50.682	ug/l	91
17) Carbon Disulfide	4.275	76	47299	13.631	ug/l	97
18) Methyl Acetate	4.563	43	9863	11.664	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	34676	10.779	ug/l	96
20) Methylene Chloride	4.804	84	43260	13.001	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	19608	11.725	ug/l	93
22) Diisopropyl ether	6.222	45	41680	10.714	ug/l	96
23) Vinyl Acetate	6.163	43	75881	55.704	ug/l	98
24) 1,1-Dichloroethane	6.116	63	33065	11.657	ug/l	97
25) 2-Butanone	7.081	43	20213	53.804	ug/l	95
26) 2,2-Dichloropropane	7.081	77	29469	11.397	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	21936	11.077	ug/l	97
28) Bromochloromethane	7.428	49	10261	11.667	ug/l	94
29) Tetrahydrofuran	7.451	42	10590	54.505	ug/l	98
30) Chloroform	7.598	83	30990	10.519	ug/l	97
31) Cyclohexane	7.881	56	22561	11.653	ug/l #	93
32) 1,1,1-Trichloroethane	7.798	97	25257	10.114	ug/l	98
36) 1,1-Dichloropropene	8.004	75	21375	10.325	ug/l	98
37) Ethyl Acetate	7.175	43	8275	10.074	ug/l	96
38) Carbon Tetrachloride	7.998	117	18163	9.700	ug/l	97
39) Methylcyclohexane	9.275	83	23061	10.220	ug/l	90
40) Benzene	8.251	78	64551	10.544	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	4232	9.328	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	16468	10.910	ug/l	99
43) Isopropyl Acetate	8.363	43	13257	9.617	ug/l	96
44) Trichloroethene	9.028	130	18103	10.562	ug/l	96
45) 1,2-Dichloropropane	9.304	63	15711	10.278	ug/l	98
46) Dibromomethane	9.398	93	8663	10.329	ug/l	95
47) Bromodichloromethane	9.587	83	22295	10.430	ug/l	98
48) Methyl methacrylate	9.381	41	6342	9.875	ug/l	97
49) 1,4-Dioxane	9.381	88	1509	182.954	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	34447	47.976	ug/l	99
52) Toluene	10.334	92	41933	10.426	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	18173	9.759	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	23405	10.126	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	12282	10.164	ug/l	92
56) Ethyl methacrylate	10.598	69	12667	9.502	ug/l	99
57) 1,3-Dichloropropane	10.881	76	20109	10.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	18417	42.177	ug/l	97
59) 2-Hexanone	10.922	43	24204	46.812	ug/l	99
60) Dibromochloromethane	11.075	129	14247	10.074	ug/l	98
61) 1,2-Dibromoethane	11.181	107	11196	10.192	ug/l	98
64) Tetrachloroethene	10.810	164	15301	10.595	ug/l	98
65) Chlorobenzene	11.610	112	46639	10.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	16200	10.238	ug/l	97
67) Ethyl Benzene	11.686	91	75915	9.876	ug/l	99
68) m/p-Xylenes	11.792	106	60859	20.247	ug/l	99
69) o-Xylene	12.122	106	27902	9.869	ug/l	98
70) Styrene	12.139	104	48071	9.833	ug/l	99
71) Bromoform	12.298	173	8071	10.002	ug/l #	98
73) Isopropylbenzene	12.422	105	72850	9.626	ug/l	98
74) N-amyl acetate	12.233	43	12361	9.581	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	13951	10.102	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	15720	10.764	ug/l #	100
77) Bromobenzene	12.704	156	17935	10.406	ug/l	97
78) n-propylbenzene	12.763	91	90229	9.753	ug/l	99
79) 2-Chlorotoluene	12.851	91	51501	10.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	62799	9.996	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3492	9.707	ug/l	98
82) 4-Chlorotoluene	12.951	91	55751	10.569	ug/l	97
83) tert-Butylbenzene	13.169	119	52415	9.666	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	60392	9.699	ug/l	97
85) sec-Butylbenzene	13.345	105	81129	9.594	ug/l	98
86) p-Isopropyltoluene	13.463	119	67656	9.687	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	38089	10.415	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	36886	10.260	ug/l	97
89) n-Butylbenzene	13.786	91	63050	9.625	ug/l	99
90) Hexachloroethane	14.057	117	12220	9.733	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	32750	10.442	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1812	9.849	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	18151	9.588	ug/l	99
94) Hexachlorobutadiene	15.210	225	9873	9.827	ug/l	98
95) Naphthalene	15.333	128	32793	9.296	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	16887	10.194	ug/l	93

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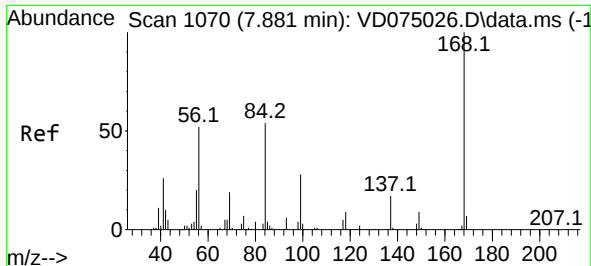
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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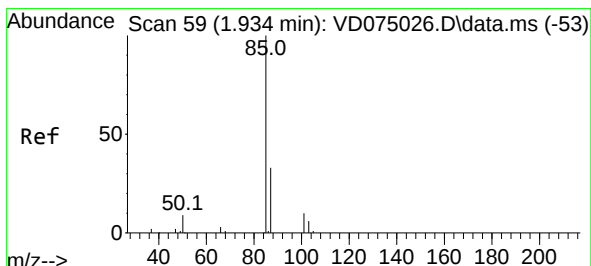
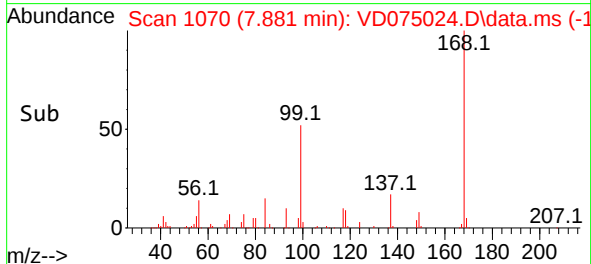
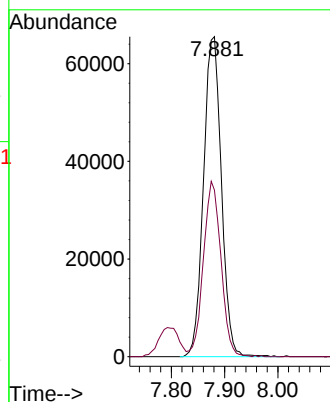
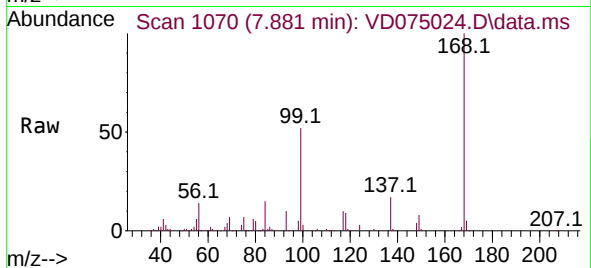




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075024.D
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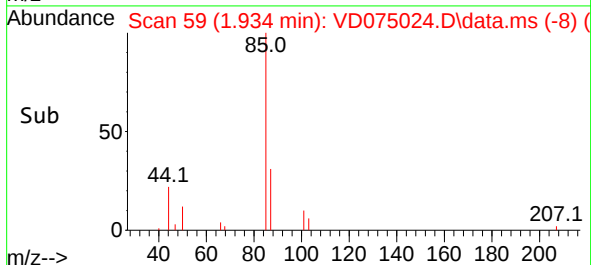
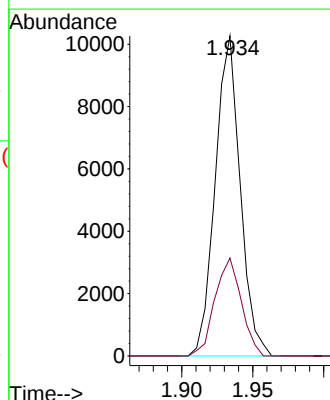
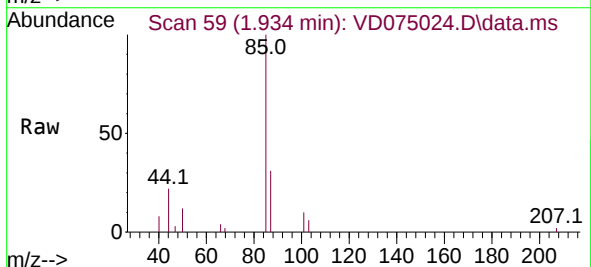
Instrument :
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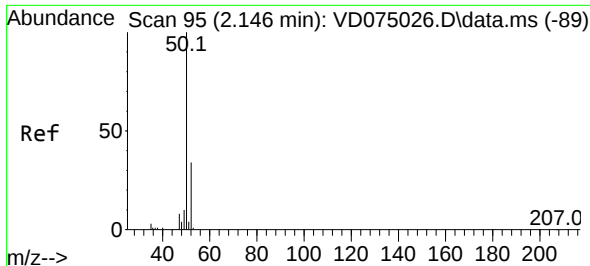
Tgt Ion:168 Resp: 152839
Ion Ratio Lower Upper
168 100
99 52.0 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 12.768 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 85 Resp: 12547
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5

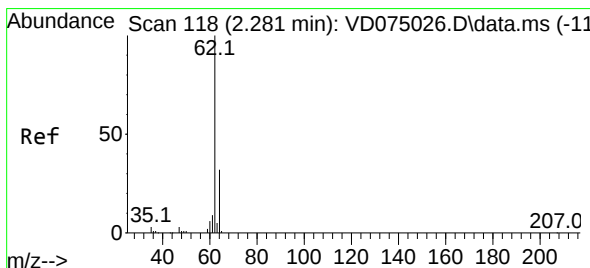
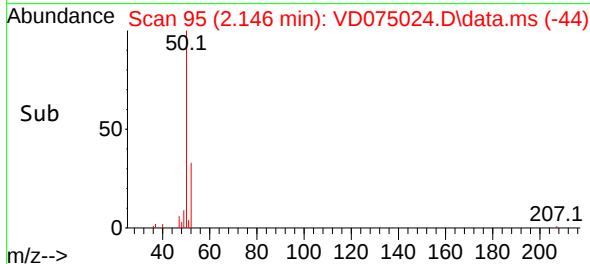
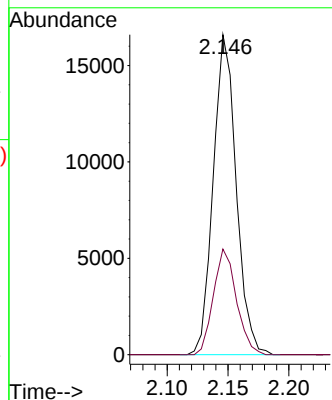
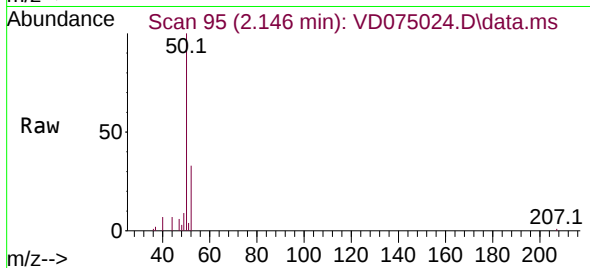




#3
Chloromethane
Concen: 13.498 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

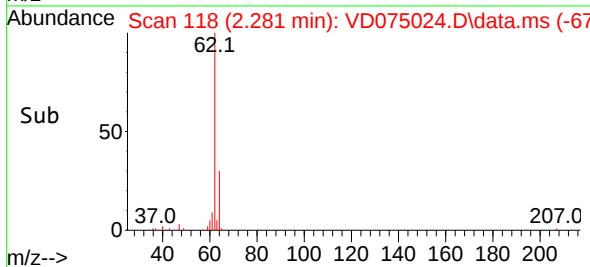
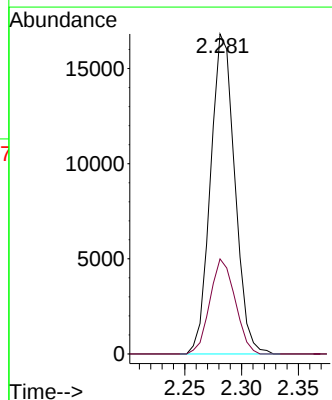
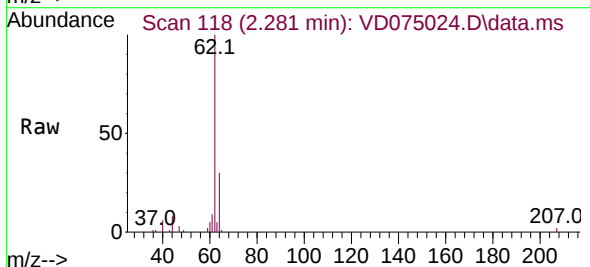
Instrument :
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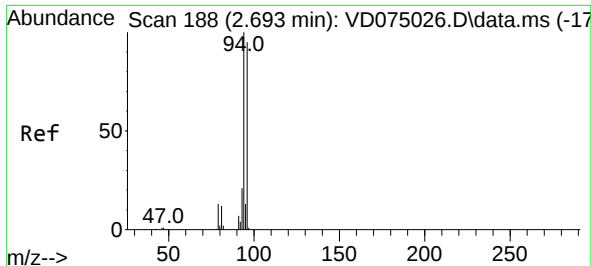
Tgt Ion: 50 Resp: 21751
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8



#4
Vinyl Chloride
Concen: 12.636 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 62 Resp: 24998
Ion Ratio Lower Upper
62 100
64 29.7 25.8 38.6

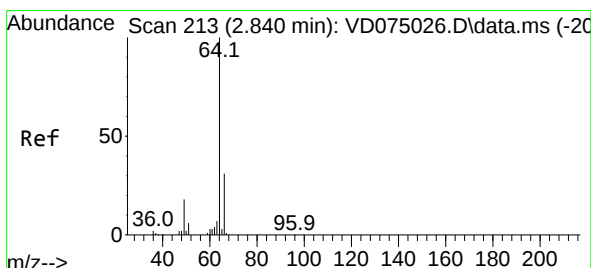
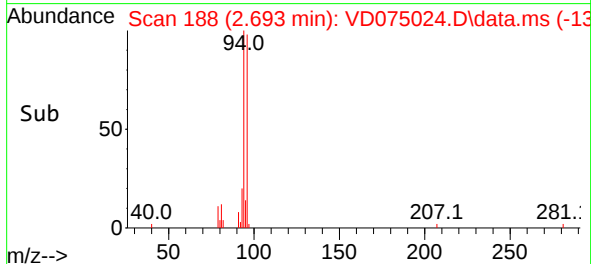
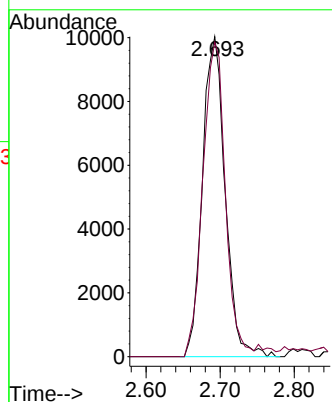
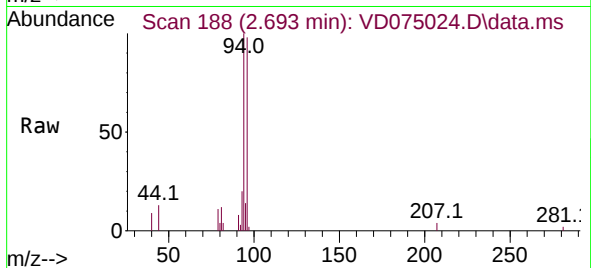




#5
Bromomethane
Concen: 13.096 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

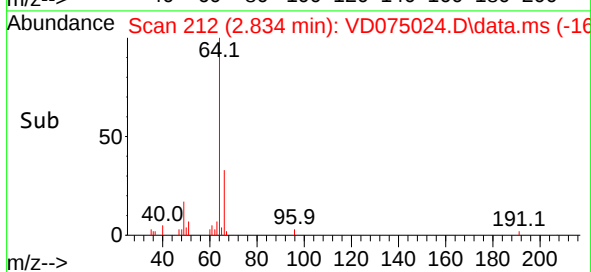
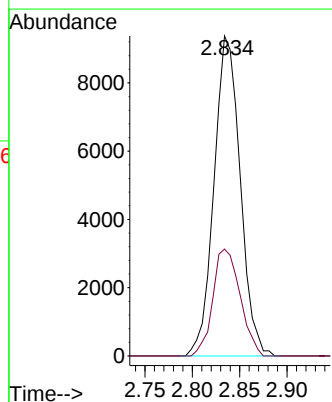
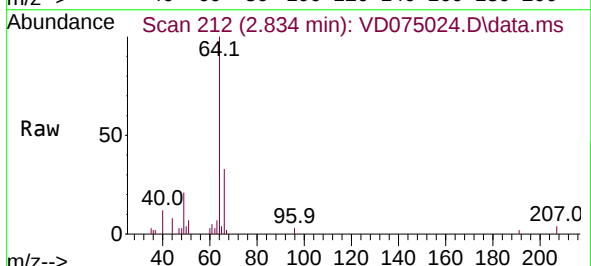
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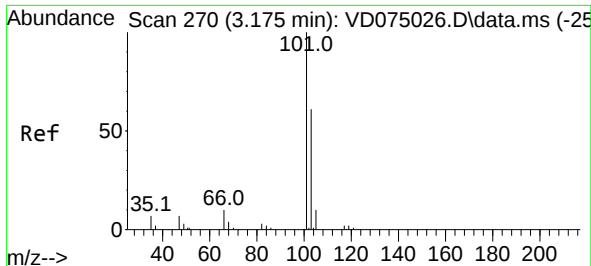
Tgt Ion: 94 Resp: 21365
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8



#6
Chloroethane
Concen: 12.273 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 64 Resp: 18032
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7

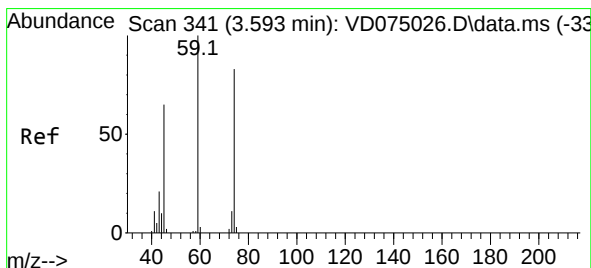
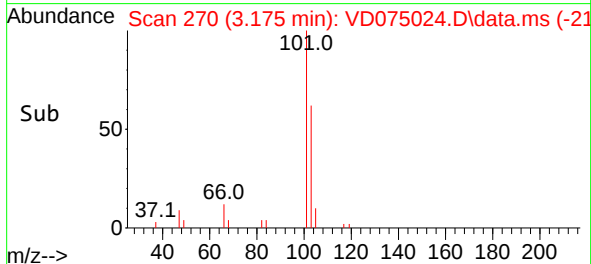
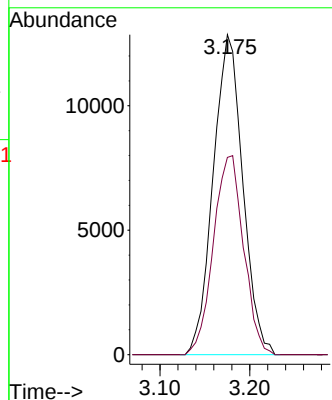
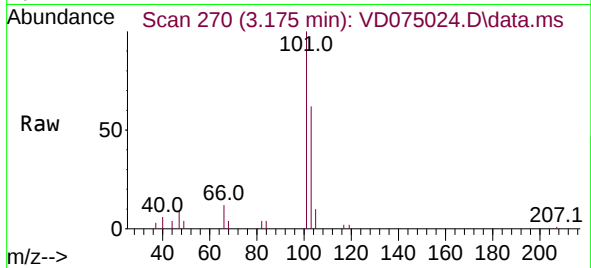




#7
 Trichlorofluoromethane
 Concen: 12.058 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

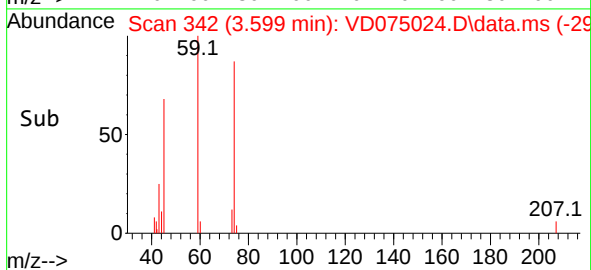
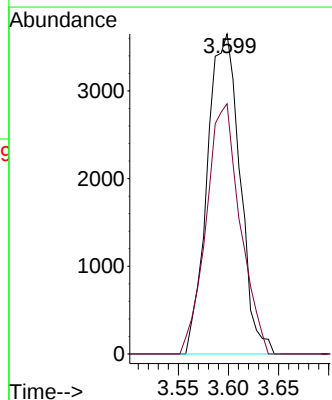
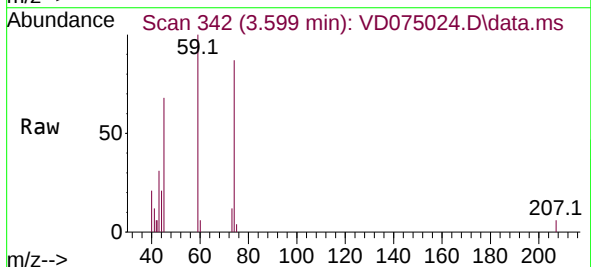
Instrument :
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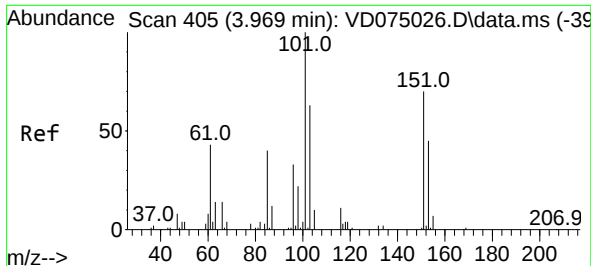
Tgt Ion:101 Resp: 29431
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.1 73.7



#8
 Diethyl Ether
 Concen: 11.459 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

Tgt Ion: 74 Resp: 8278
 Ion Ratio Lower Upper
 74 100
 45 81.3 40.2 120.5

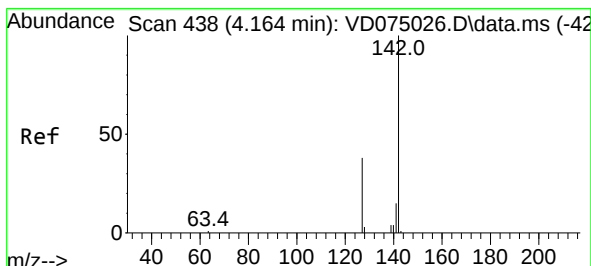
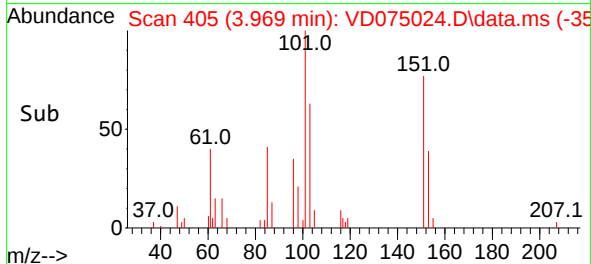
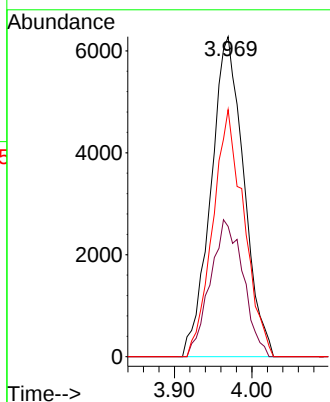
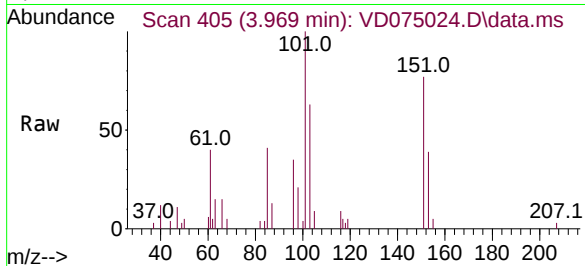




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.568 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

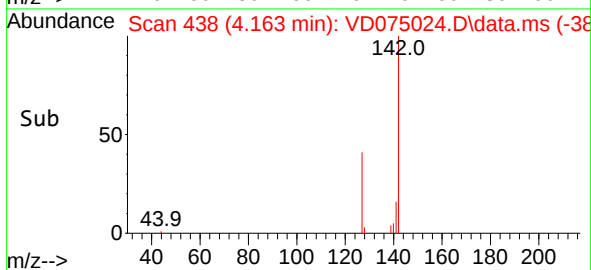
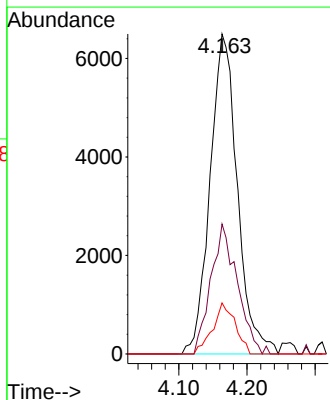
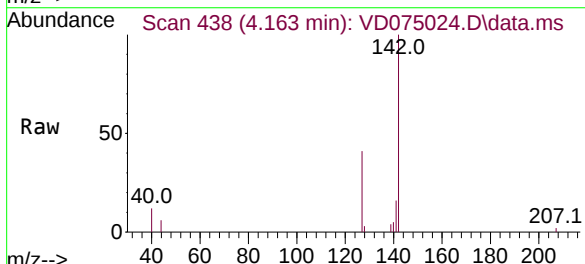
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

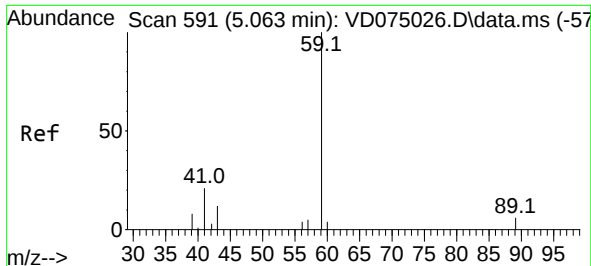
Tgt Ion:101 Resp: 18556
Ion Ratio Lower Upper
101 100
85 42.8 33.4 50.0
151 73.2 58.9 88.3



#10
Methyl Iodide
Concen: 10.420 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:142 Resp: 18101
Ion Ratio Lower Upper
142 100
127 39.4 31.4 47.2
141 13.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 62.362 ug/l

RT: 5.040 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

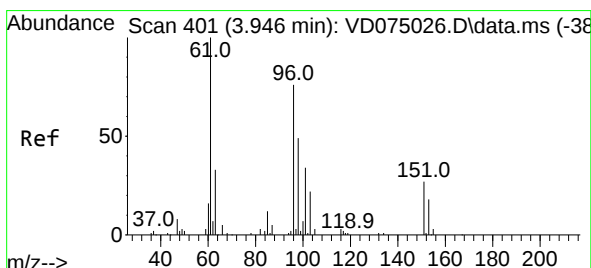
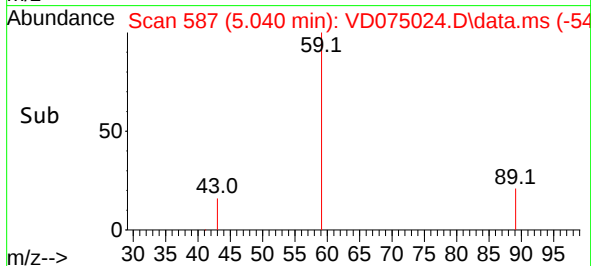
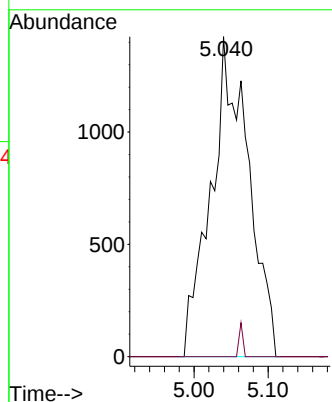
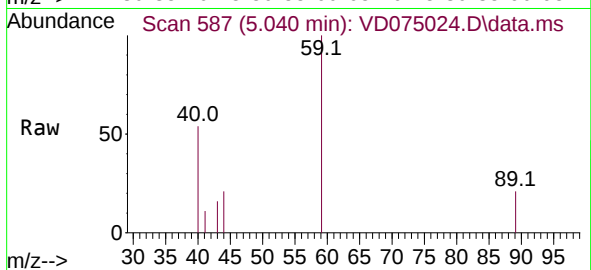
VSTDIC010

Tgt Ion: 59 Resp: 5004

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



#12

1,1-Dichloroethene

Concen: 11.858 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

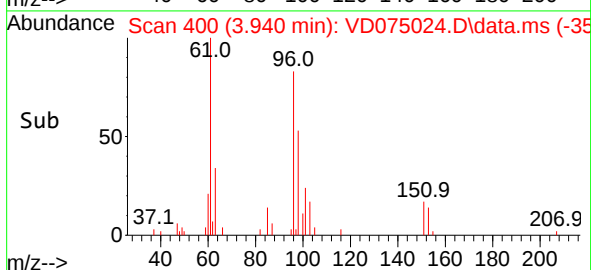
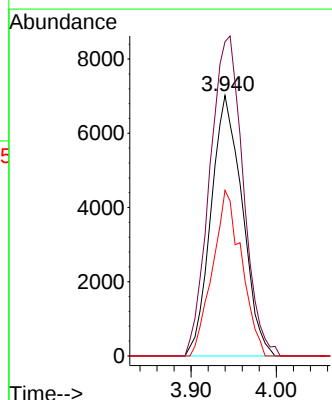
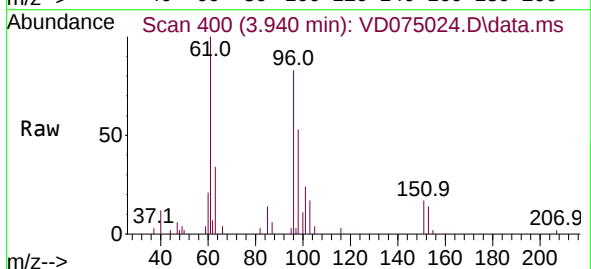
Tgt Ion: 96 Resp: 17851

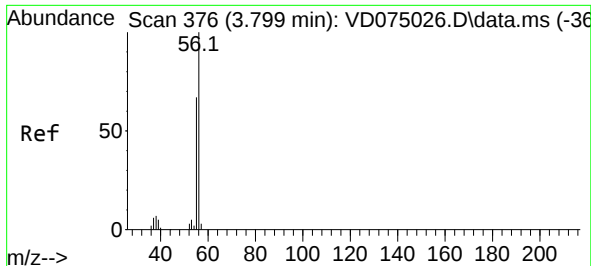
Ion Ratio Lower Upper

96 100

61 120.7 104.9 157.3

98 63.6 51.8 77.8





#13

Acrolein

Concen: 56.454 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

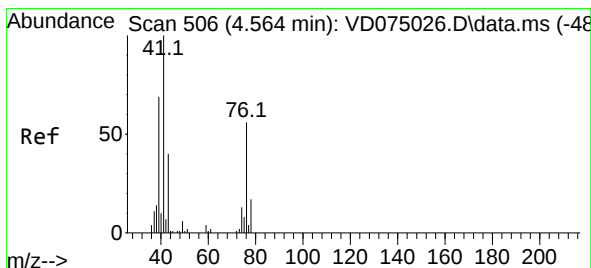
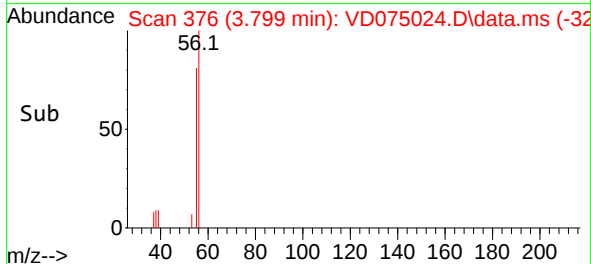
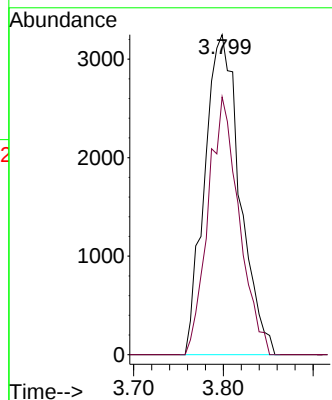
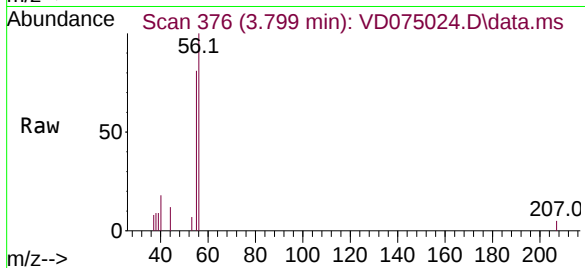
VSTDIC010

Tgt Ion: 56 Resp: 8873

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



#14

Allyl chloride

Concen: 11.196 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

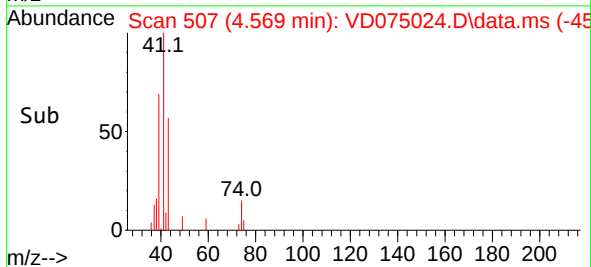
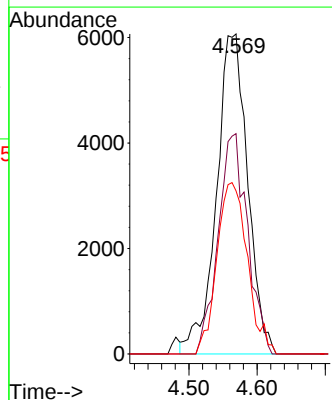
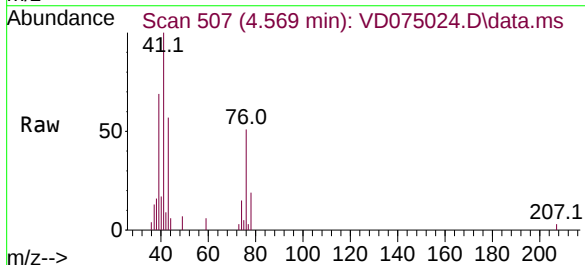
Tgt Ion: 41 Resp: 19330

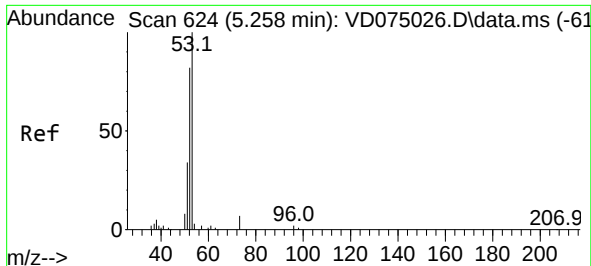
Ion Ratio Lower Upper

41 100

39 64.6 52.5 78.7

76 52.3 41.1 61.7

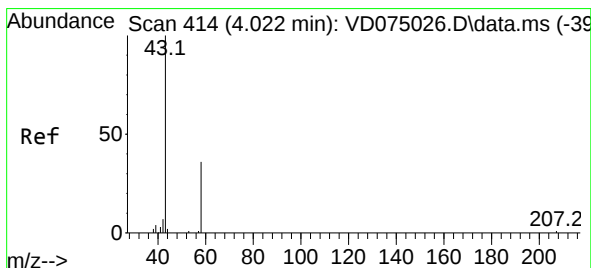
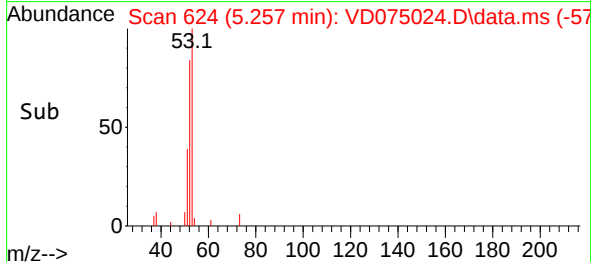
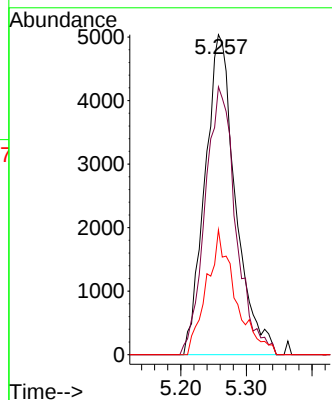
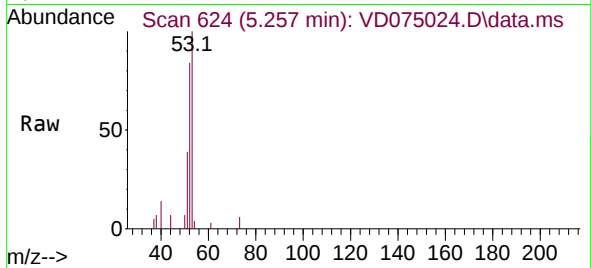




#15
Acrylonitrile
Concen: 53.632 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

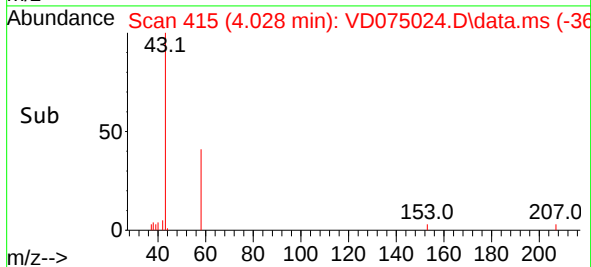
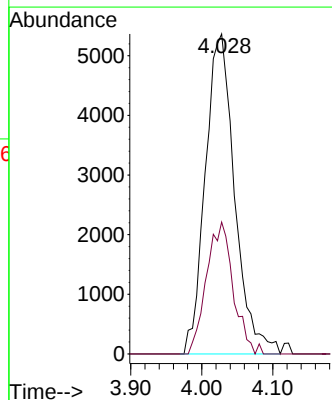
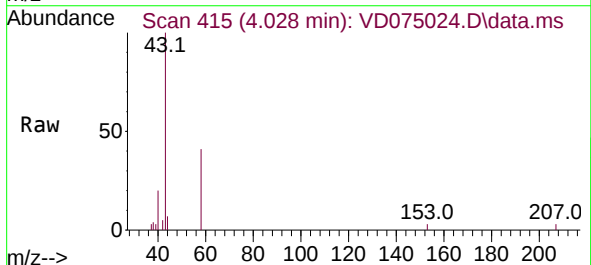
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

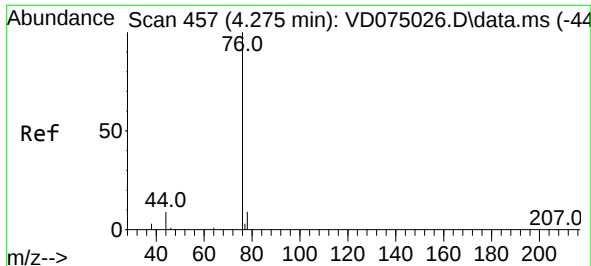
Tgt Ion:	53	Resp:	16268
Ion	Ratio	Lower	Upper
53	100		
52	84.4	64.0	96.0
51	37.0	27.8	41.8



#16
Acetone
Concen: 50.682 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:	43	Resp:	15428
Ion	Ratio	Lower	Upper
43	100		
58	41.2	28.6	43.0

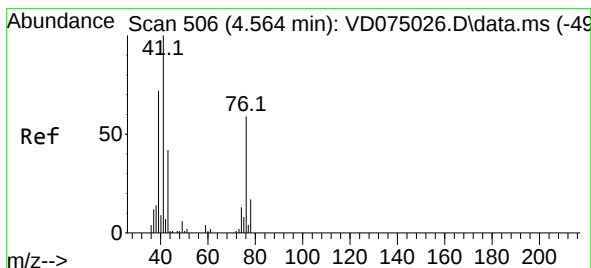
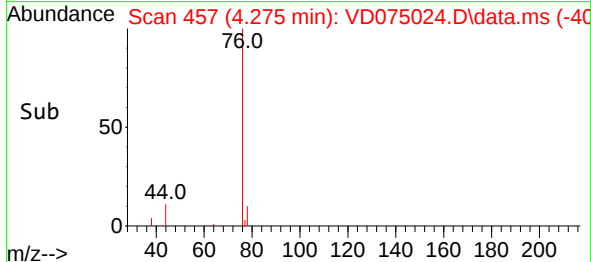
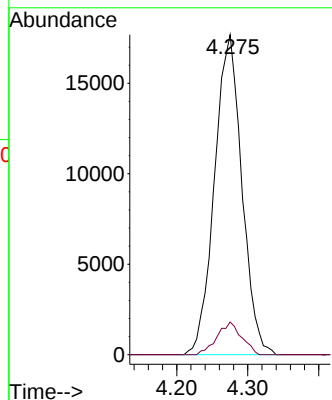
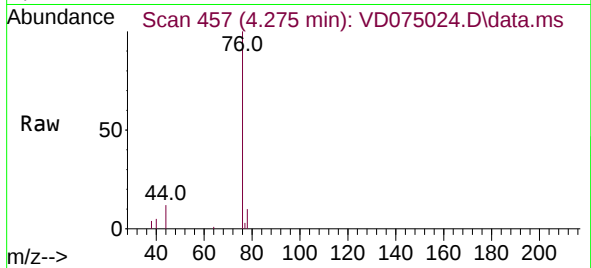




#17
Carbon Disulfide
Concen: 13.631 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

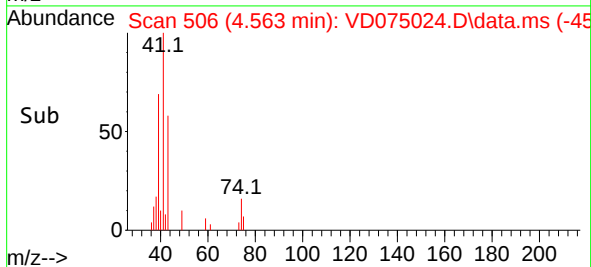
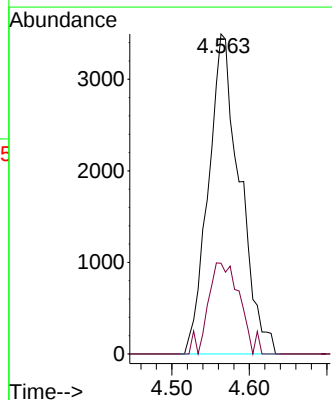
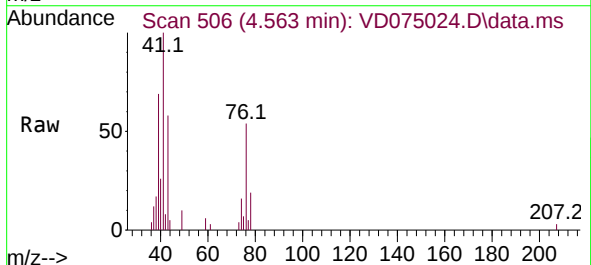
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

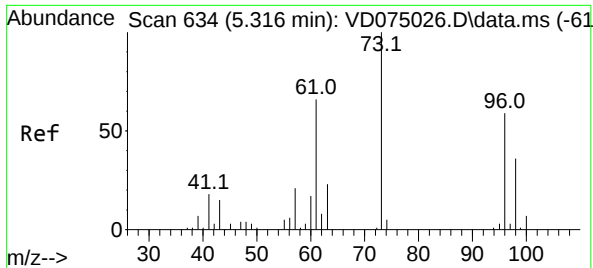
Tgt Ion: 76 Resp: 47299
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 11.664 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
74 28.5 24.5 36.7

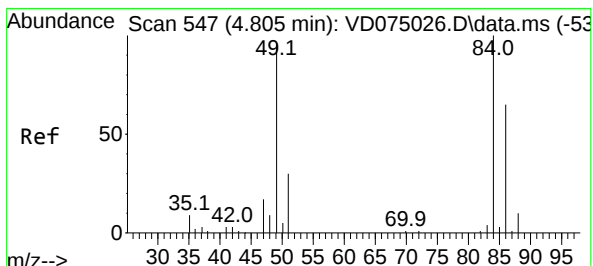
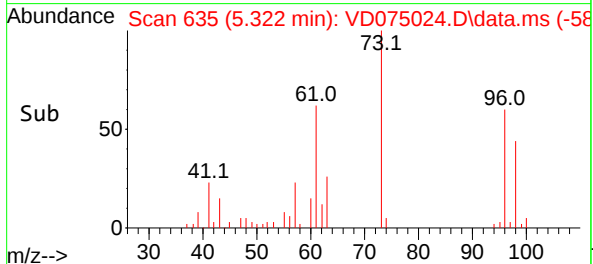
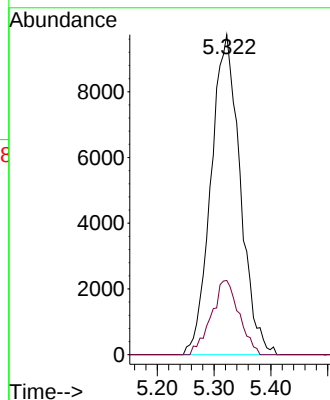
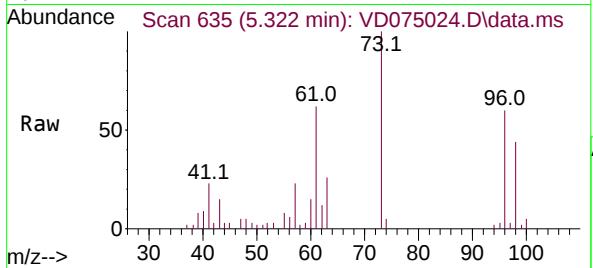




#19
Methyl tert-butyl Ether
Concen: 10.779 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

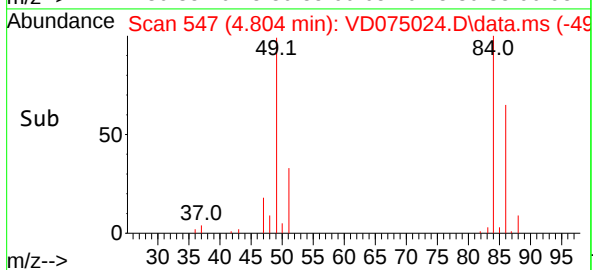
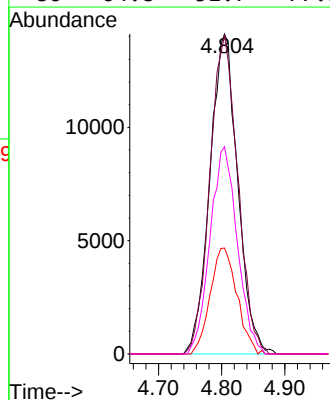
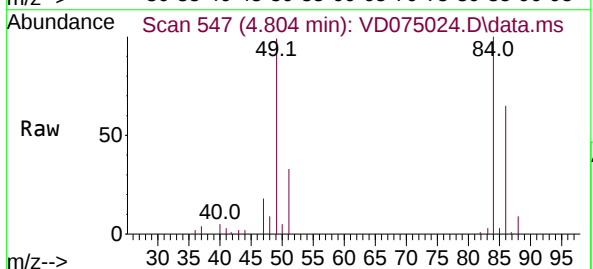
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

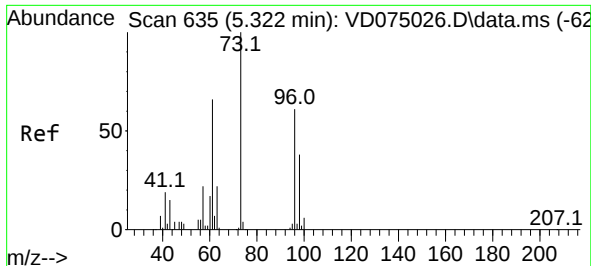
Tgt Ion: 73 Resp: 34676
Ion Ratio Lower Upper
73 100
57 23.2 16.9 25.3



#20
Methylene Chloride
Concen: 13.001 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 84 Resp: 43260
Ion Ratio Lower Upper
84 100
49 99.4 77.2 115.8
51 33.1 24.1 36.1
86 64.8 51.7 77.5

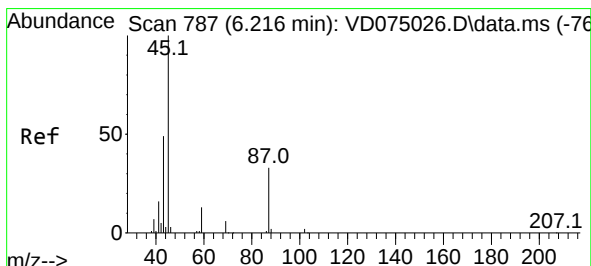
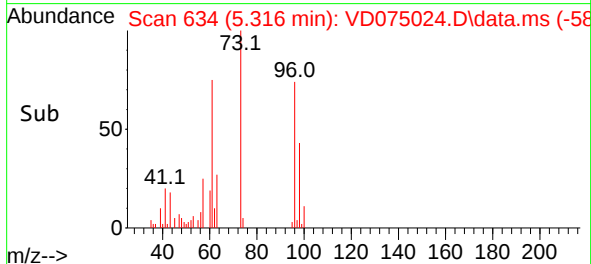
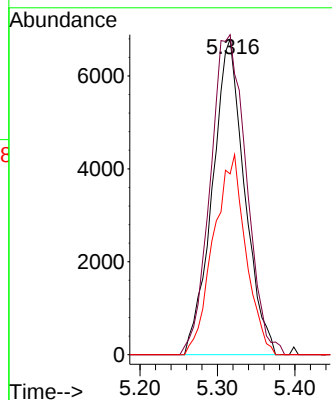
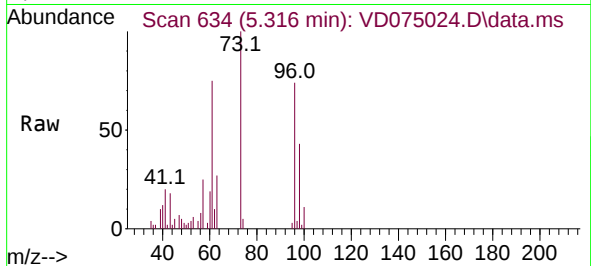




#21
trans-1,2-Dichloroethene
Concen: 11.725 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

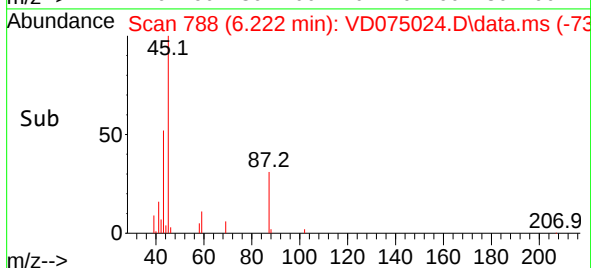
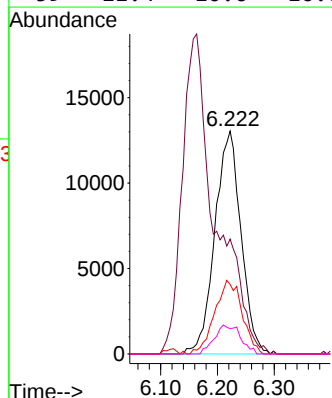
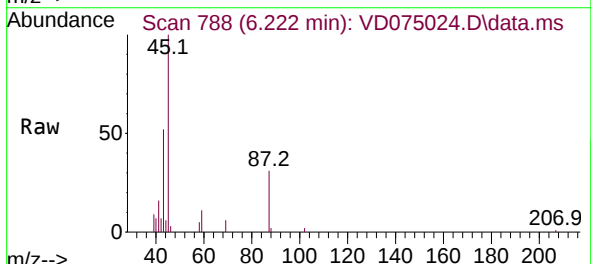
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

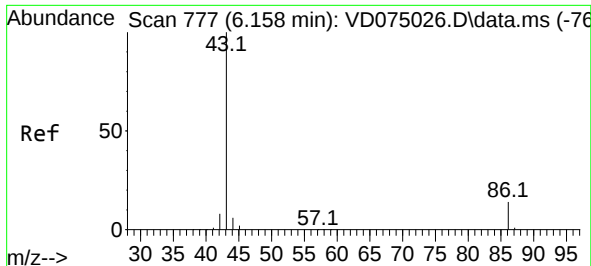
Tgt Ion: 96 Resp: 19608
Ion Ratio Lower Upper
96 100
61 101.4 86.7 130.1
98 57.3 49.8 74.8



#22
Diisopropyl ether
Concen: 10.714 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 45 Resp: 41680
Ion Ratio Lower Upper
45 100
43 51.5 39.8 59.8
87 31.2 27.5 41.3
59 11.4 10.6 16.0

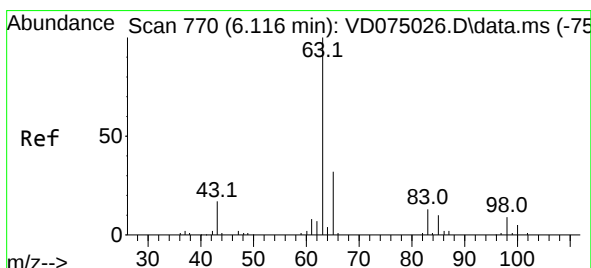
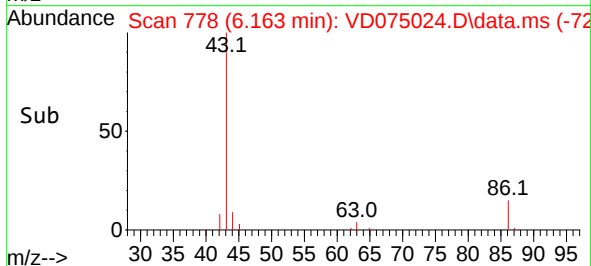
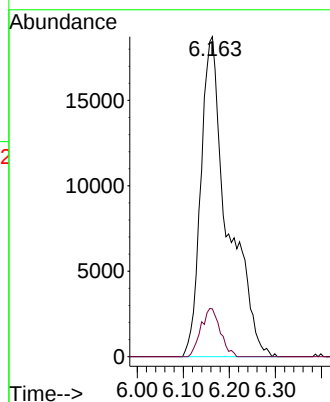
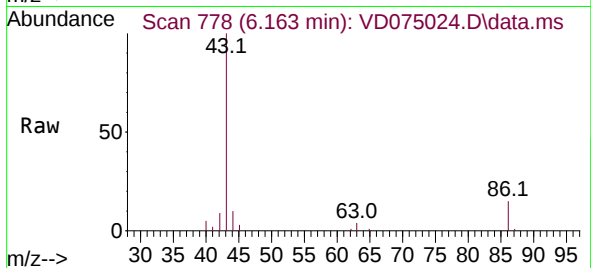




#23
 Vinyl Acetate
 Concen: 55.704 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

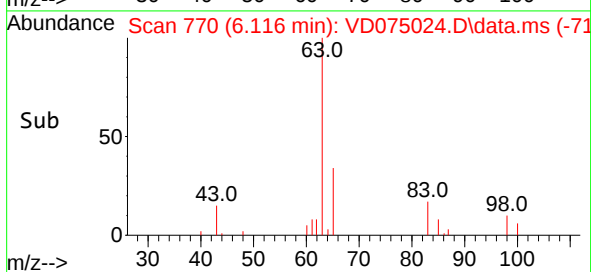
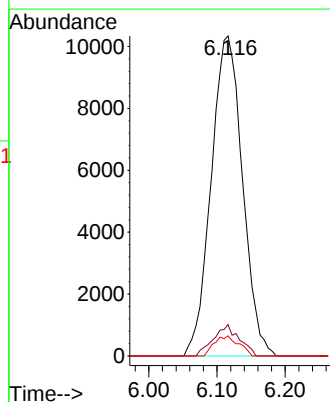
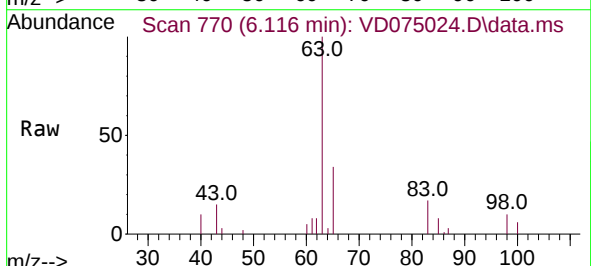
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

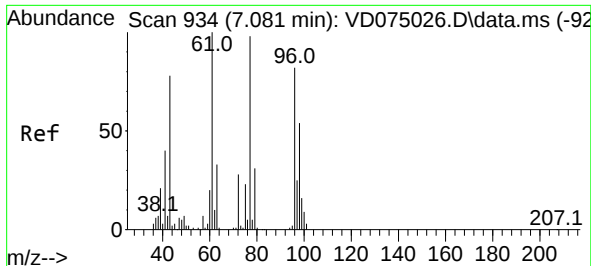
Tgt Ion: 43 Resp: 75881
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 11.657 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

Tgt Ion: 63 Resp: 33065
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.3 13.1
 100 6.3 2.5 7.4

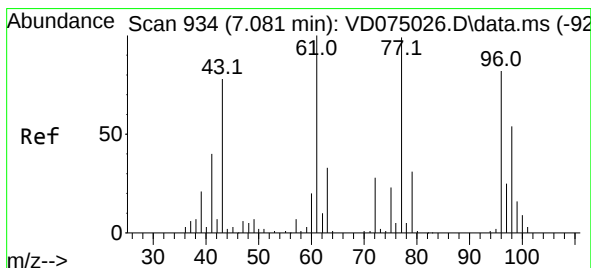
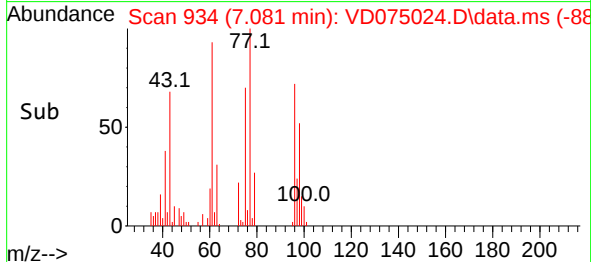
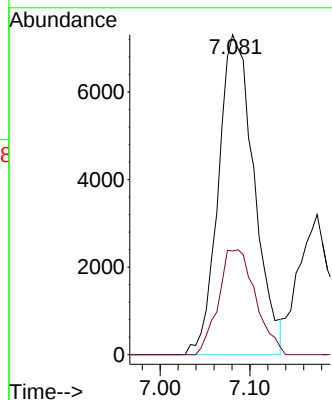
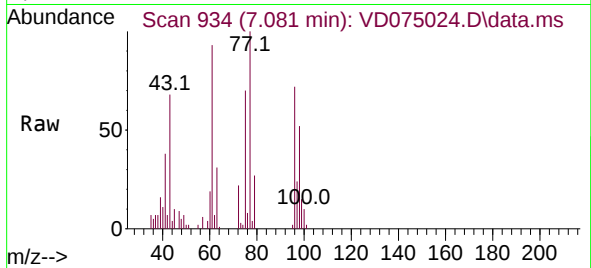




#25
2-Butanone
Concen: 53.804 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

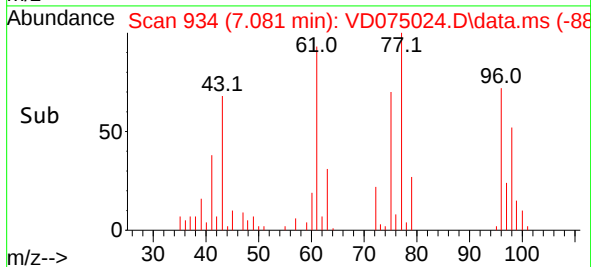
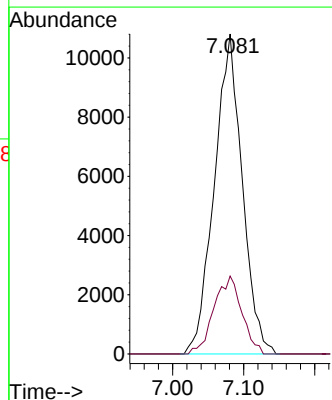
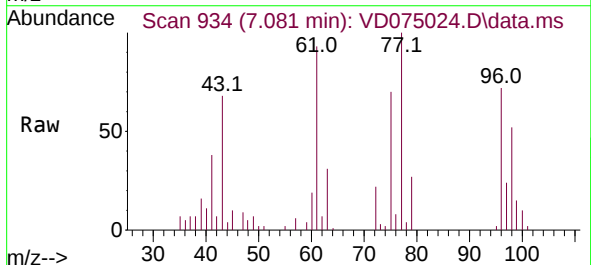
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

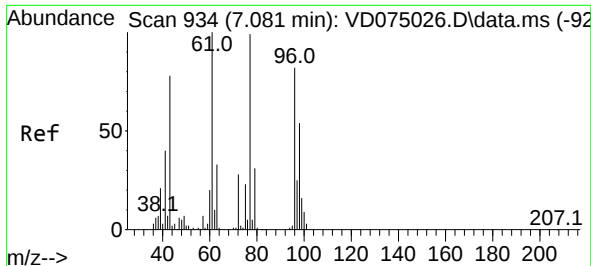
Tgt Ion: 43 Resp: 20213
Ion Ratio Lower Upper
43 100
72 32.4 28.4 42.6



#26
2,2-Dichloropropane
Concen: 11.397 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 77 Resp: 29469
Ion Ratio Lower Upper
77 100
97 24.3 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 11.077 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

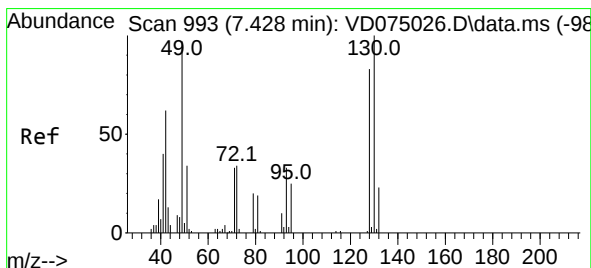
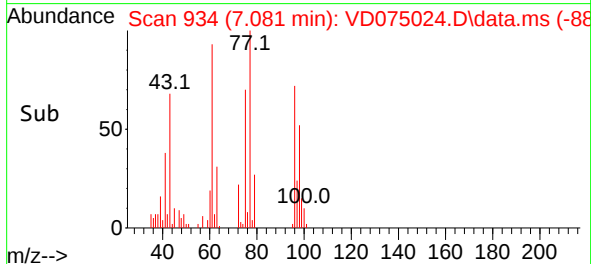
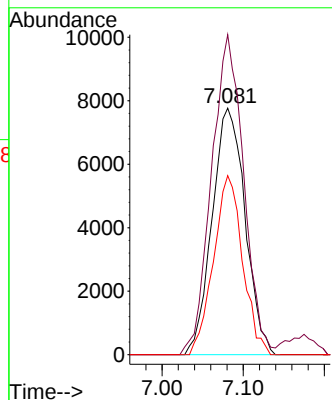
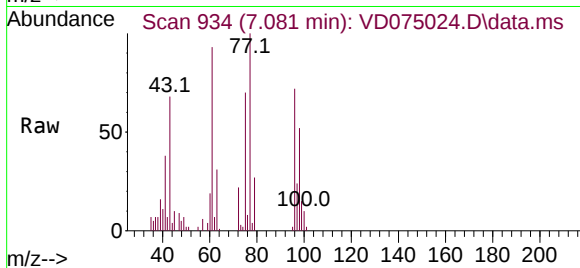
Tgt Ion: 96 Resp: 21936

Ion Ratio Lower Upper

96 100

61 126.6 0.0 244.6

98 64.1 0.0 131.0



#28

Bromochloromethane

Concen: 11.667 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

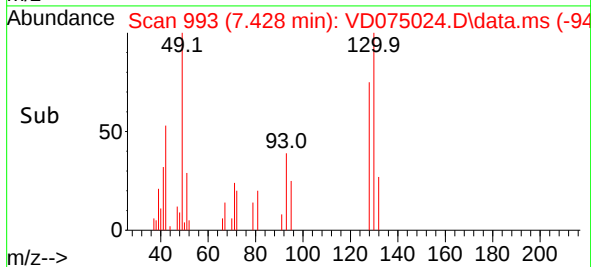
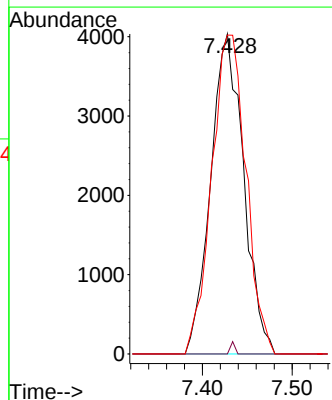
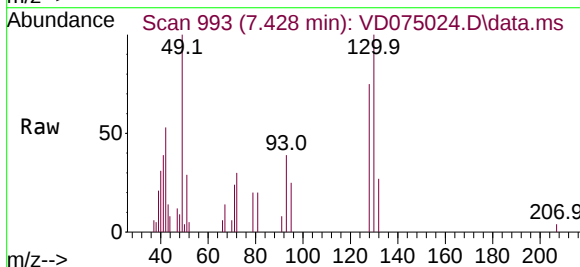
Tgt Ion: 49 Resp: 10261

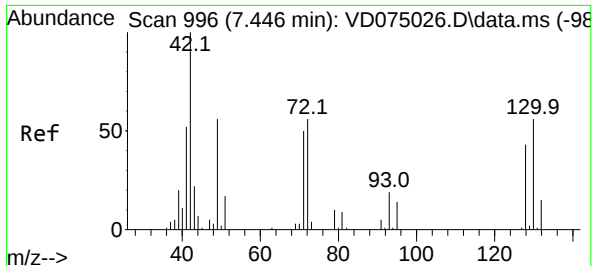
Ion Ratio Lower Upper

49 100

129 0.5 0.0 5.0

130 104.1 78.2 117.4





#29

Tetrahydrofuran

Concen: 54.505 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

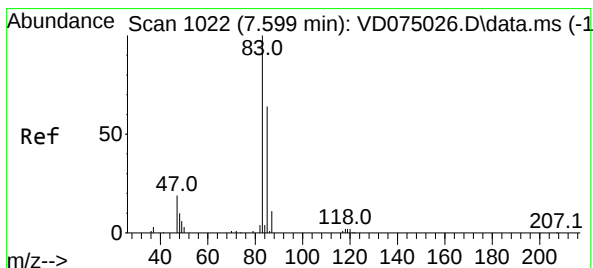
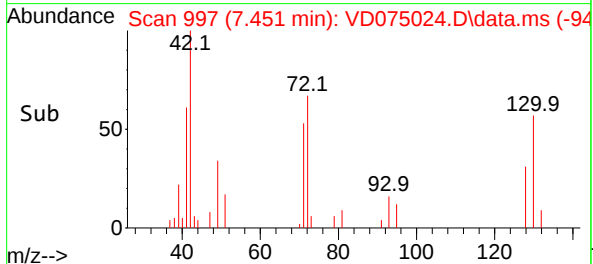
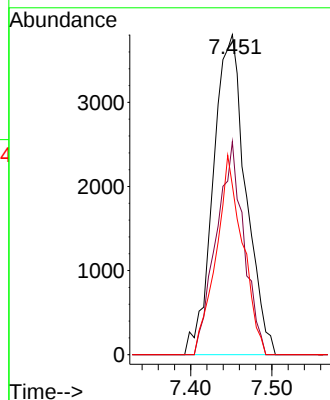
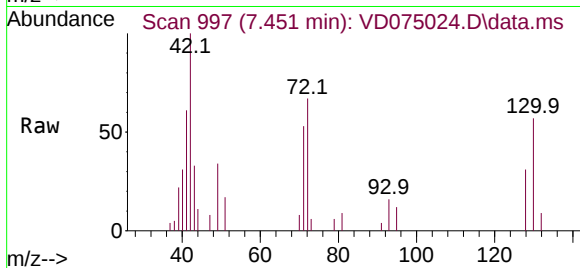
Tgt Ion: 42 Resp: 10590

Ion Ratio Lower Upper

42 100

72 56.5 43.8 65.8

71 50.9 41.1 61.7



#30

Chloroform

Concen: 10.519 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075024.D

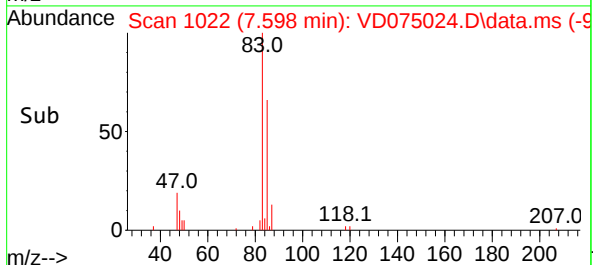
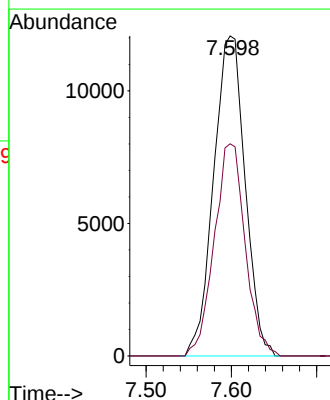
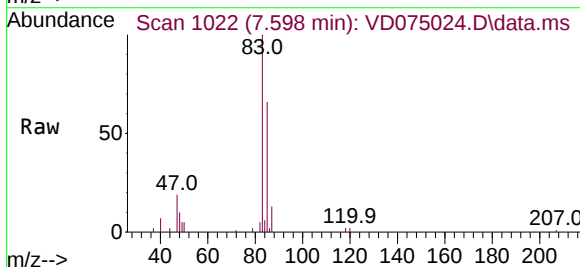
Acq: 15 Dec 2022 13:14

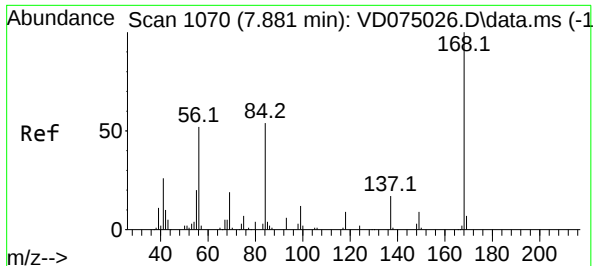
Tgt Ion: 83 Resp: 30990

Ion Ratio Lower Upper

83 100

85 66.3 51.4 77.0

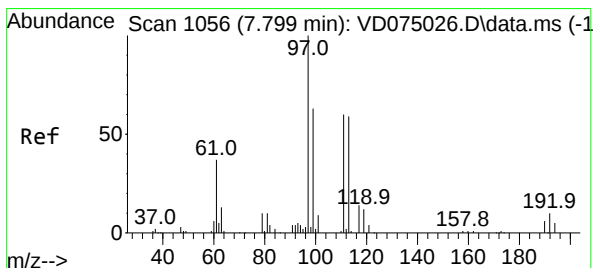
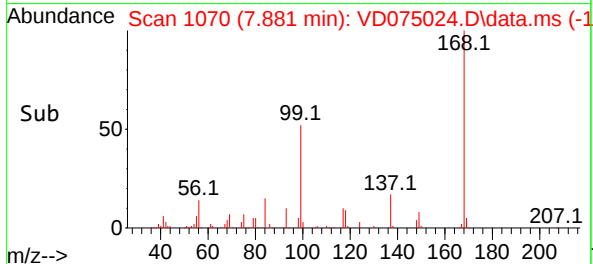
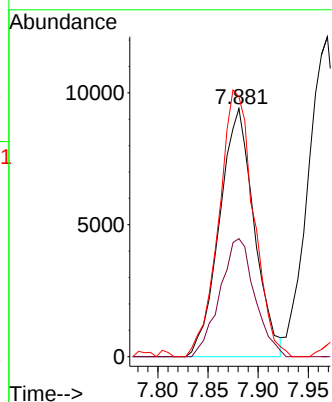
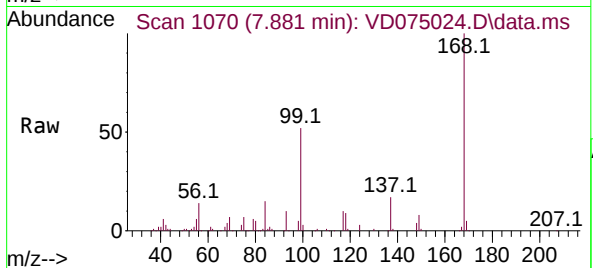




#31
Cyclohexane
Concen: 11.653 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

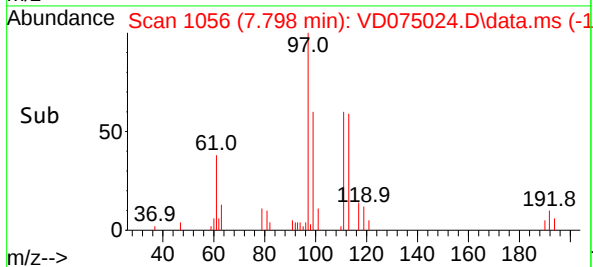
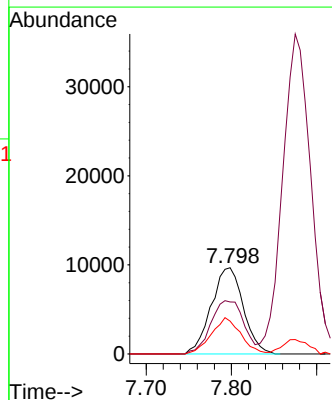
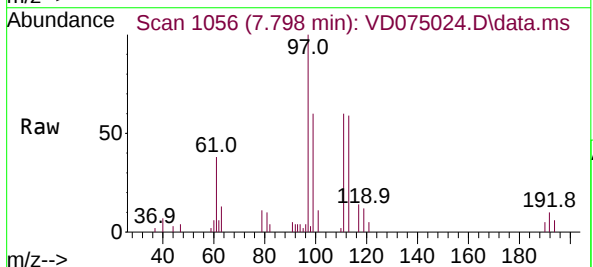
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

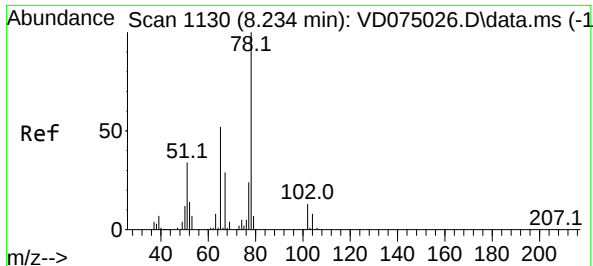
Tgt Ion: 56 Resp: 22561
Ion Ratio Lower Upper
56 100
69 47.6 29.4 44.2#
84 104.8 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 10.114 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 97 Resp: 25257
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 38.7 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 11.196 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

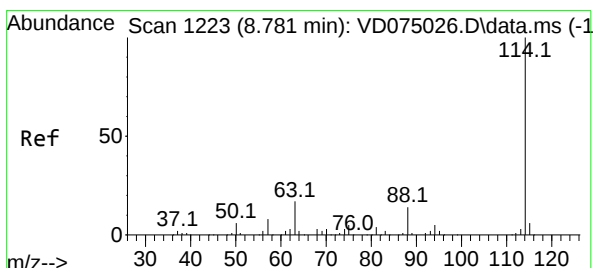
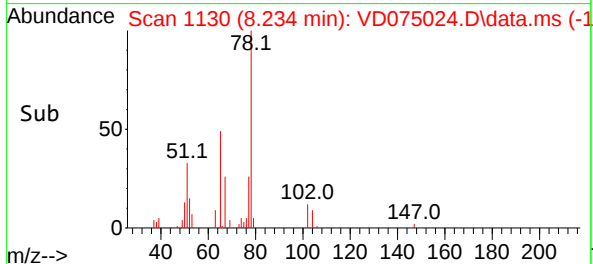
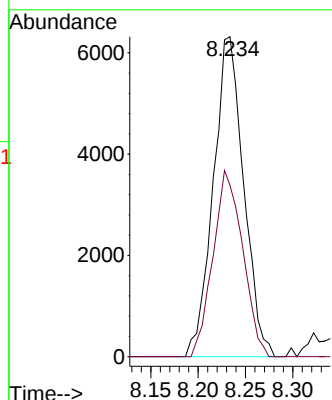
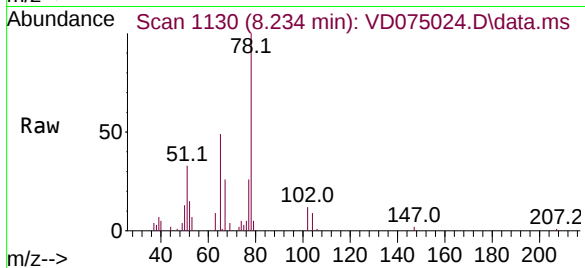
VSTDIC010

Tgt Ion: 65 Resp: 14098

Ion Ratio Lower Upper

65 100

67 56.8 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

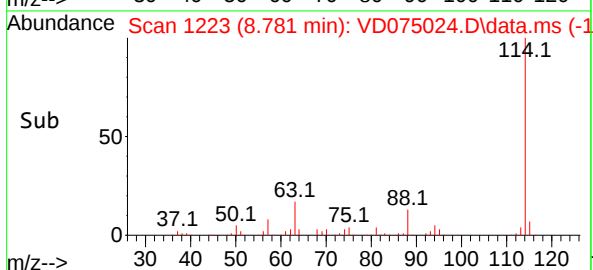
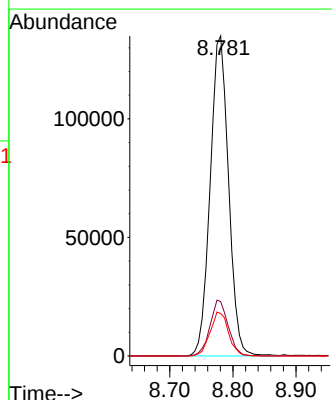
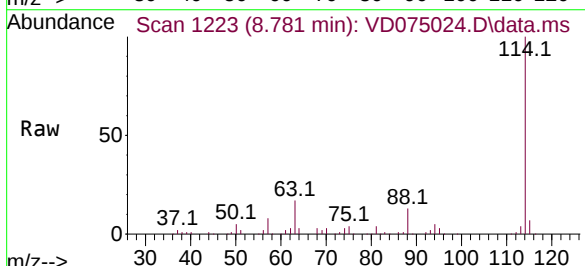
Tgt Ion: 114 Resp: 272585

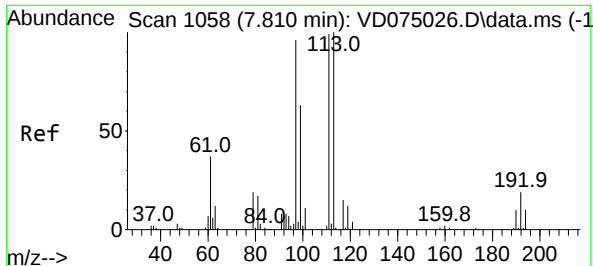
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

88 13.2 0.0 27.8

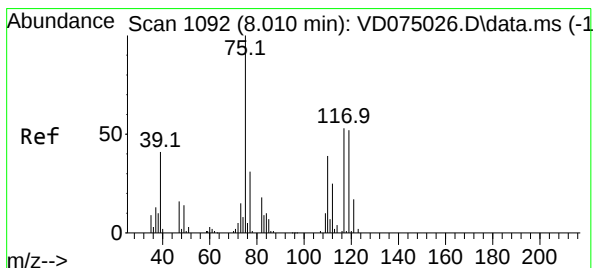
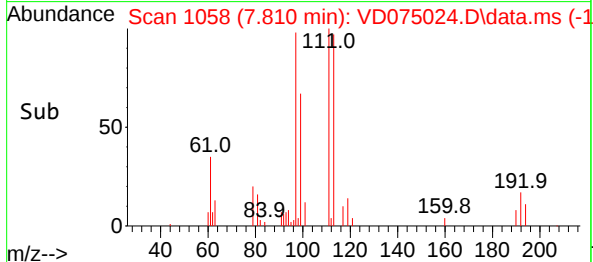
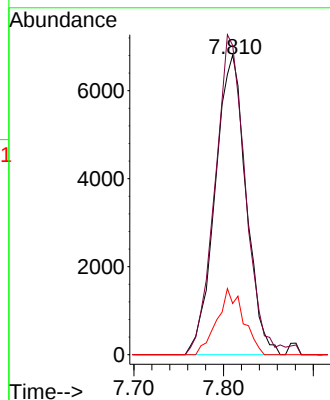
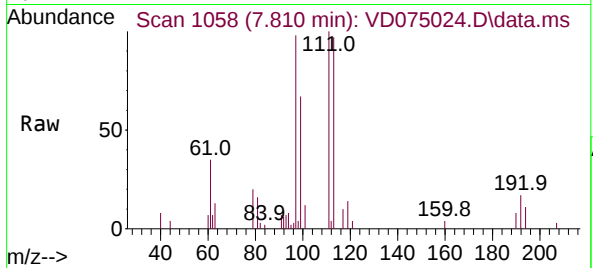




#35
Dibromofluoromethane
Concen: 8.873 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

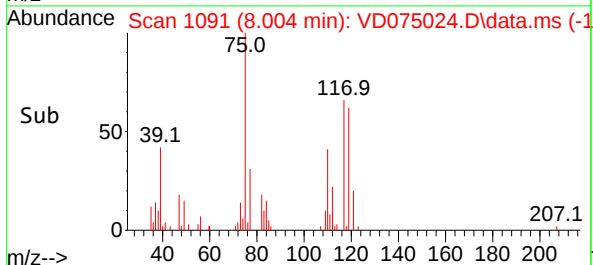
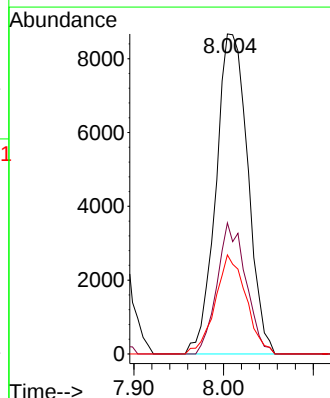
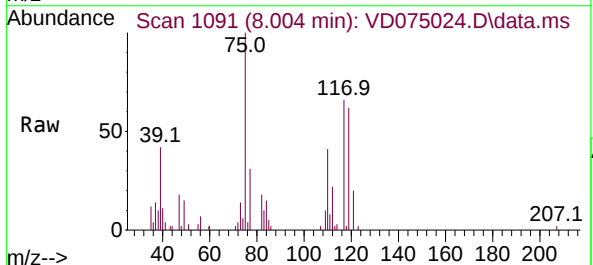
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

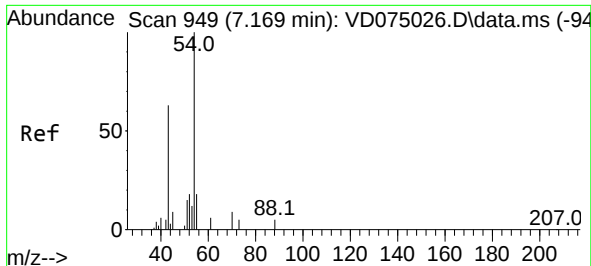
Tgt Ion:	113	Resp:	16314
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.1	123.1
192	18.7	15.1	22.7



#36
1,1-Dichloropropene
Concen: 10.325 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:	75	Resp:	21375
Ion	Ratio	Lower	Upper
75	100		
110	37.0	19.0	57.0
77	29.9	25.2	37.8





#37

Ethyl Acetate

Concen: 10.074 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

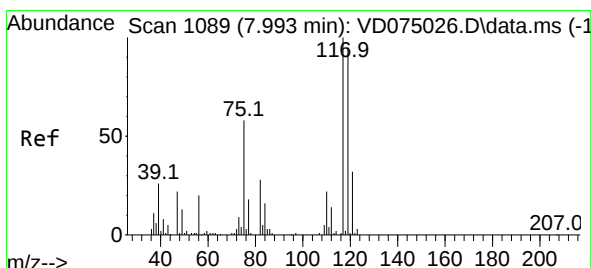
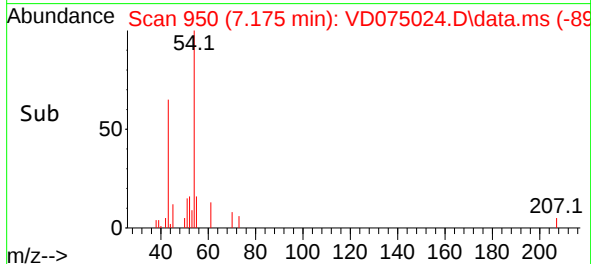
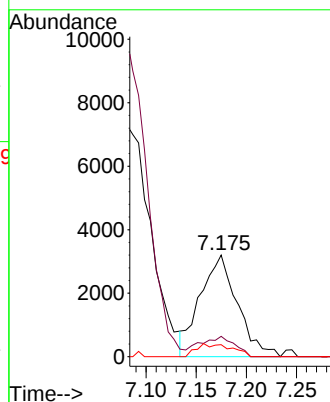
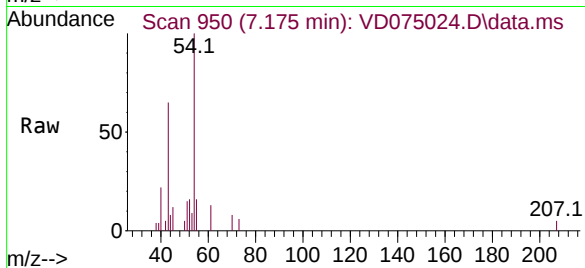
Tgt Ion: 43 Resp: 8275

Ion Ratio Lower Upper

43 100

61 18.4 12.8 19.2

70 12.0 10.2 15.4



#38

Carbon Tetrachloride

Concen: 9.700 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

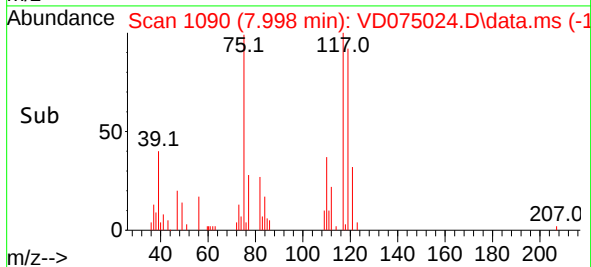
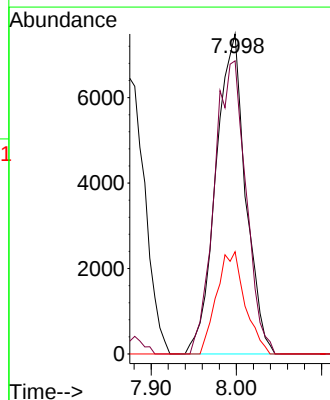
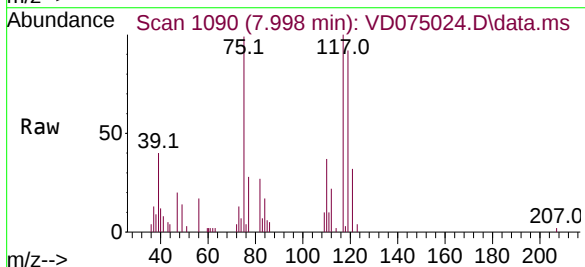
Tgt Ion: 117 Resp: 18163

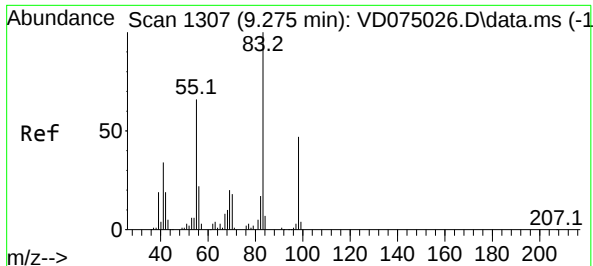
Ion Ratio Lower Upper

117 100

119 91.6 75.8 113.6

121 32.0 25.4 38.0





#39

Methylcyclohexane

Concen: 10.220 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

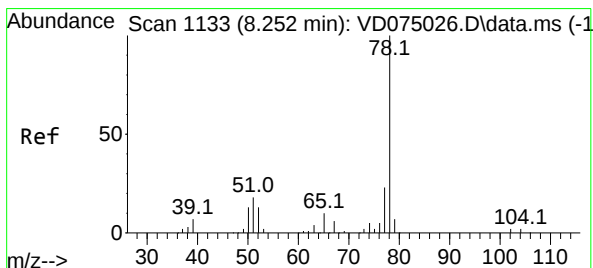
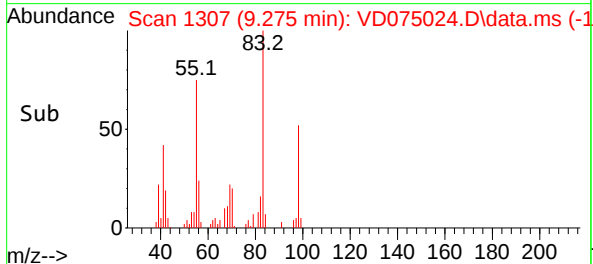
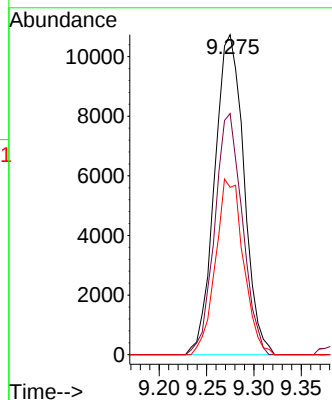
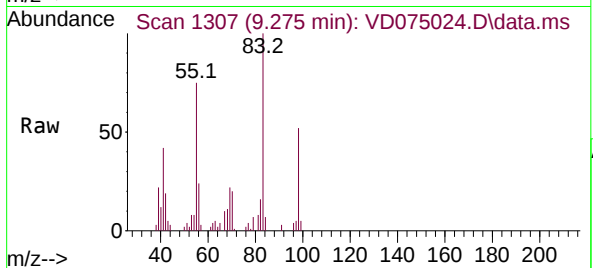
Tgt Ion: 83 Resp: 23061

Ion Ratio Lower Upper

83 100

55 75.3 53.1 79.7

98 52.3 37.5 56.3



#40

Benzene

Concen: 10.544 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075024.D

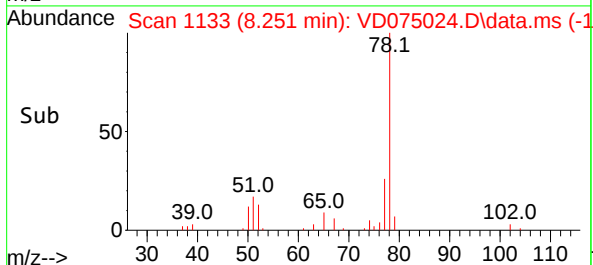
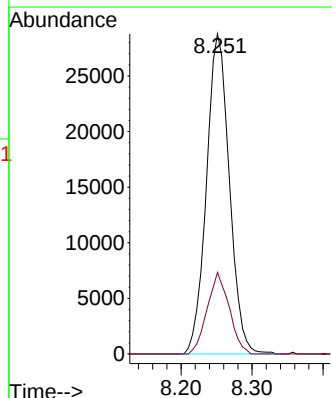
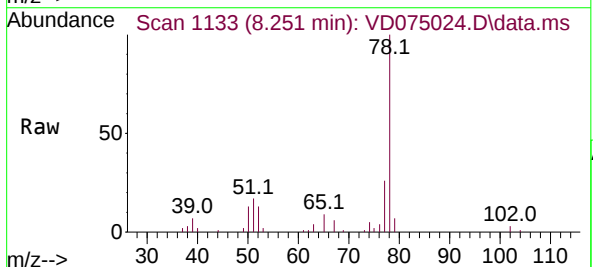
Acq: 15 Dec 2022 13:14

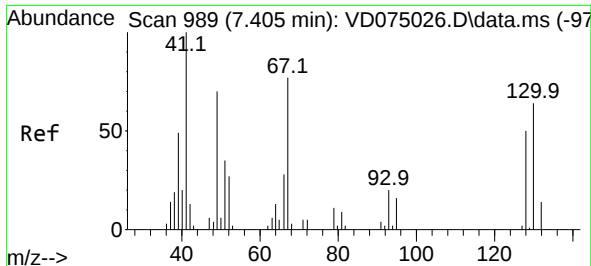
Tgt Ion: 78 Resp: 64551

Ion Ratio Lower Upper

78 100

77 25.5 18.6 27.8

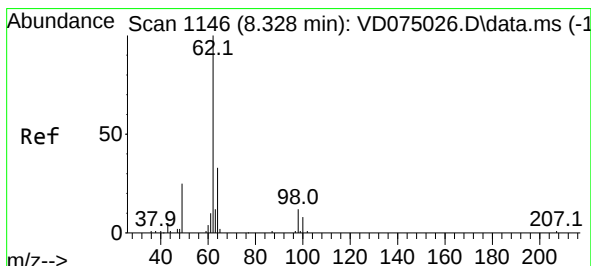
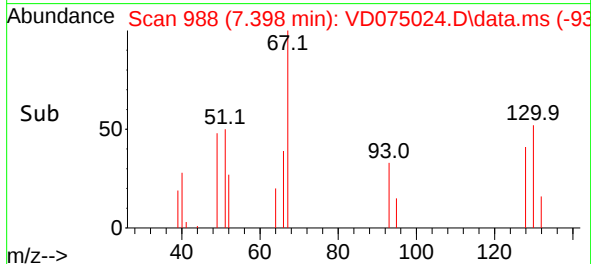
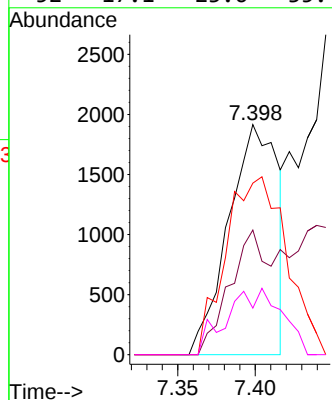
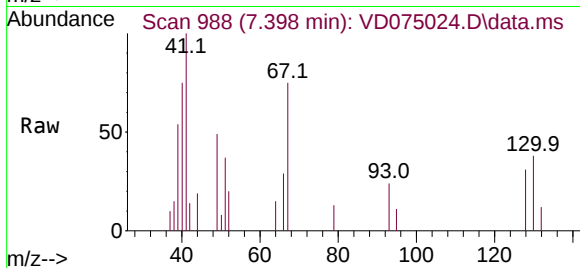




#41
Methacrylonitrile
Concen: 9.328 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

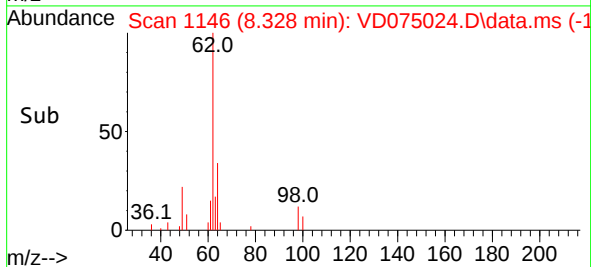
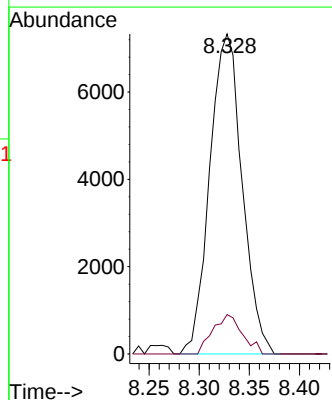
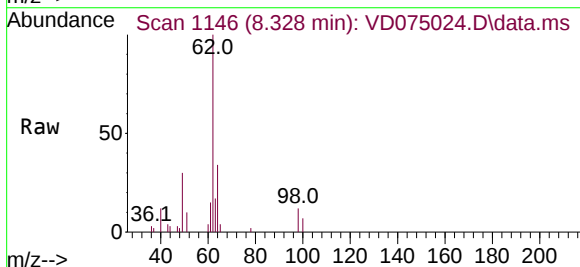
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

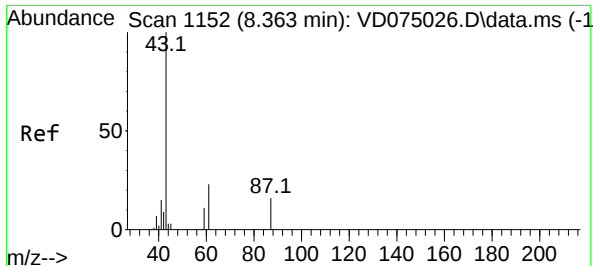
Tgt Ion: 41 Resp: 4232
Ion Ratio Lower Upper
41 100
39 42.0 44.8 67.2#
67 95.3 69.6 104.4
52 17.1 23.6 35.4#



#42
1,2-Dichloroethane
Concen: 10.910 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 62 Resp: 16468
Ion Ratio Lower Upper
62 100
98 11.1 0.0 23.4





#43

Isopropyl Acetate

Concen: 9.617 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

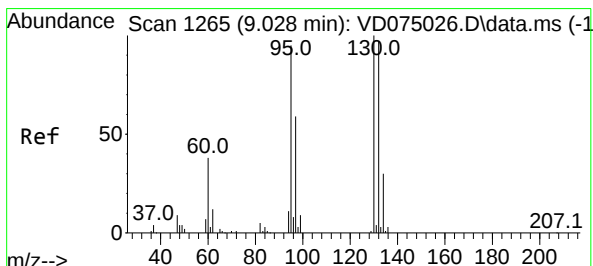
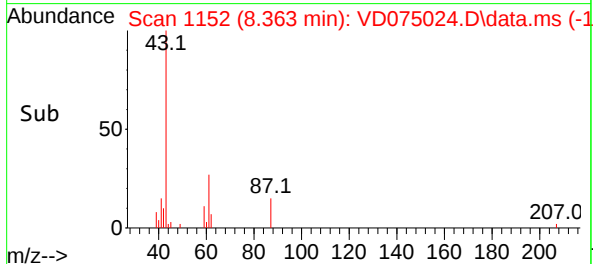
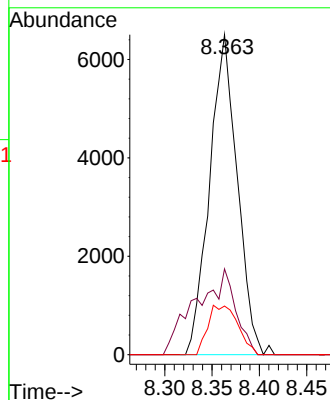
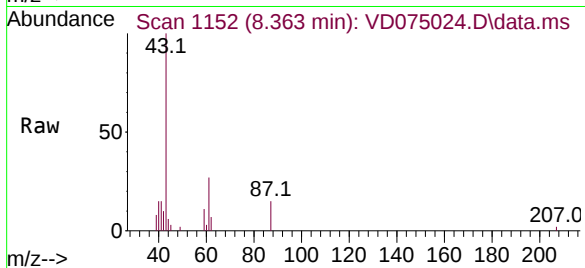
Tgt Ion: 43 Resp: 13257

Ion Ratio Lower Upper

43 100

61 38.4 28.2 42.4

87 16.6 13.6 20.4



#44

Trichloroethene

Concen: 10.562 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075024.D

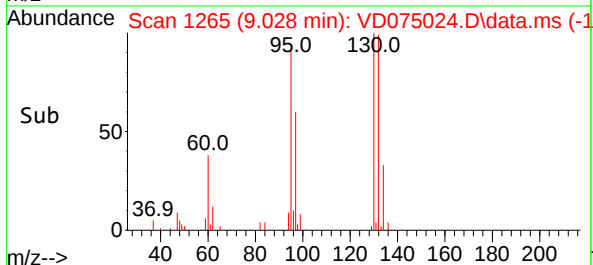
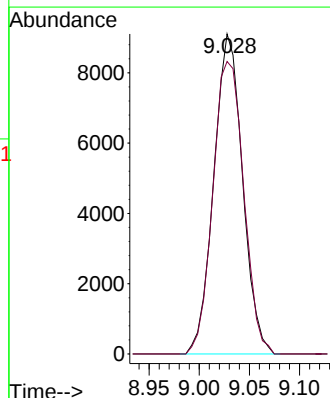
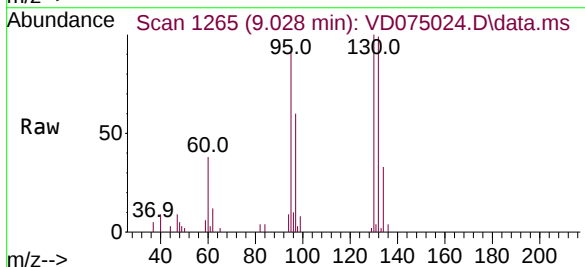
Acq: 15 Dec 2022 13:14

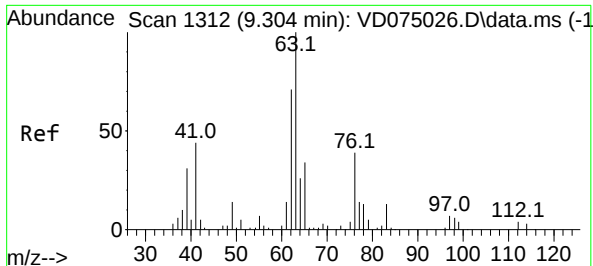
Tgt Ion:130 Resp: 18103

Ion Ratio Lower Upper

130 100

95 91.4 0.0 190.0





#45

1,2-Dichloropropane

Concen: 10.278 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

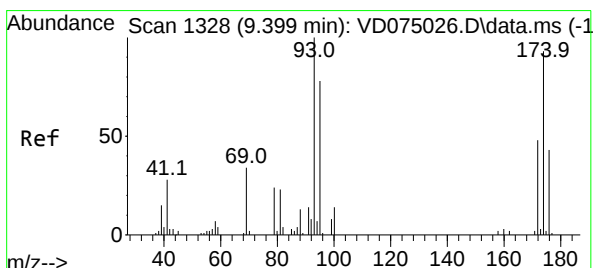
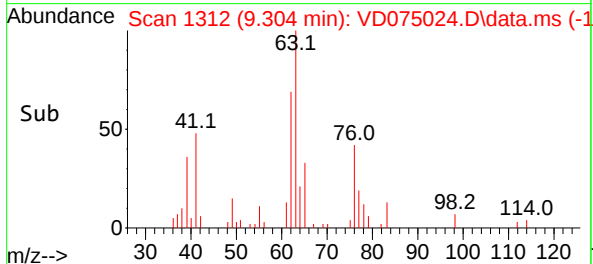
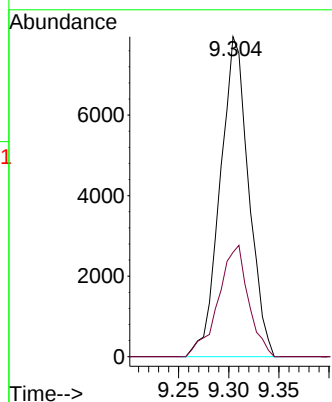
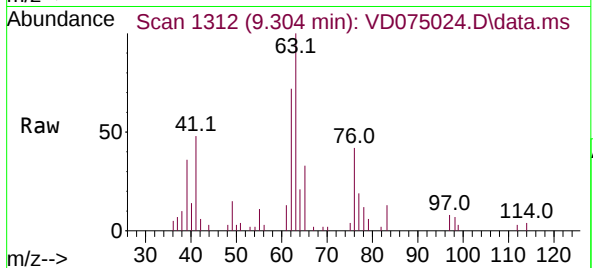
VSTDIC010

Tgt Ion: 63 Resp: 15711

Ion Ratio Lower Upper

63 100

65 32.6 27.0 40.6



#46

Dibromomethane

Concen: 10.329 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

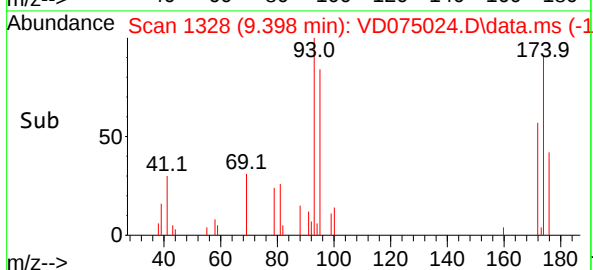
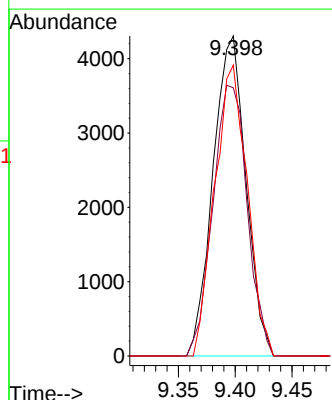
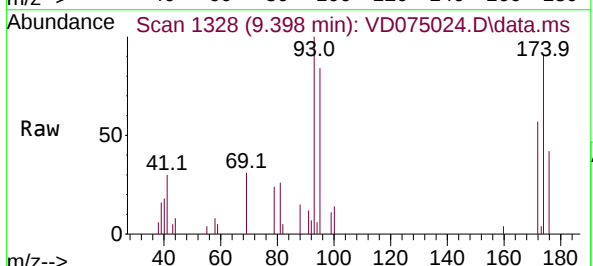
Tgt Ion: 93 Resp: 8663

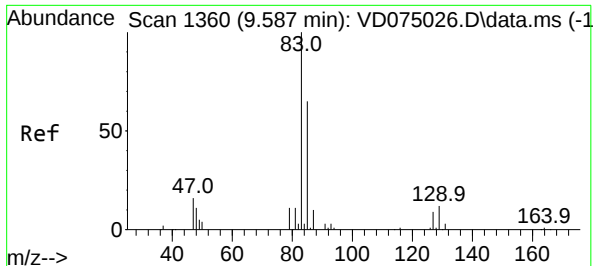
Ion Ratio Lower Upper

93 100

95 88.3 65.7 98.5

174 90.2 74.7 112.1





#47

Bromodichloromethane

Concen: 10.430 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

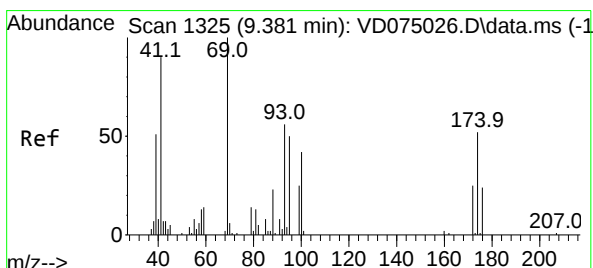
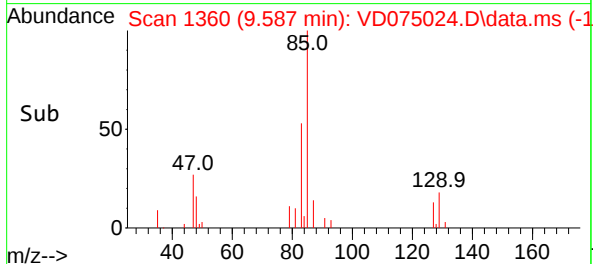
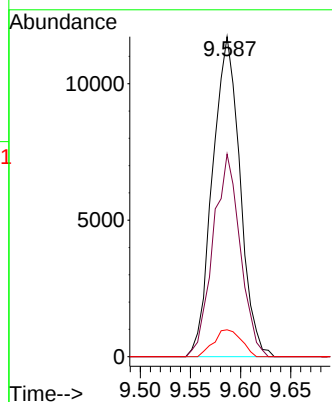
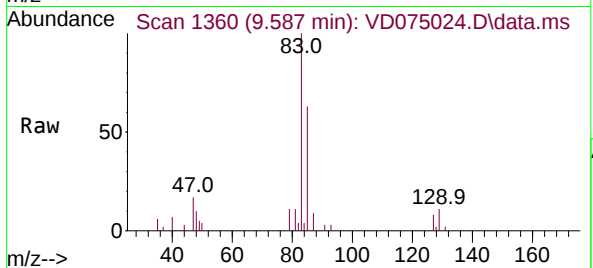
Tgt Ion: 83 Resp: 22295

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

127 8.4 7.2 10.8



#48

Methyl methacrylate

Concen: 9.875 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

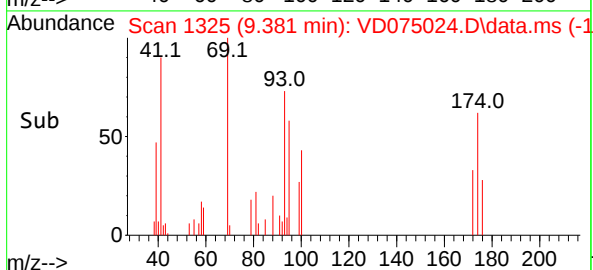
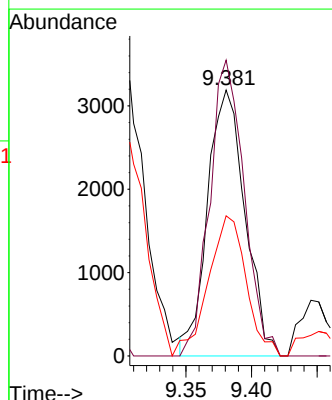
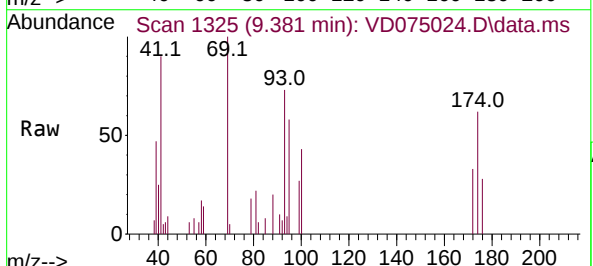
Tgt Ion: 41 Resp: 6342

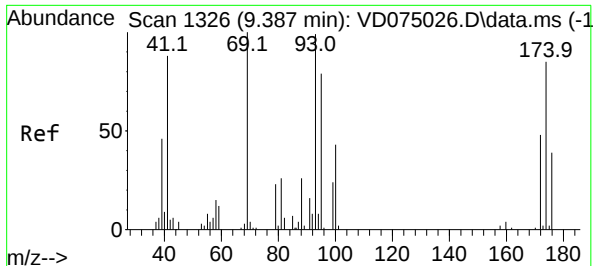
Ion Ratio Lower Upper

41 100

69 103.0 84.8 127.2

39 53.2 43.6 65.4





#49

1,4-Dioxane

Concen: 182.954 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

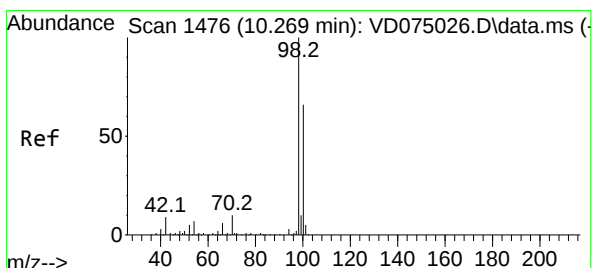
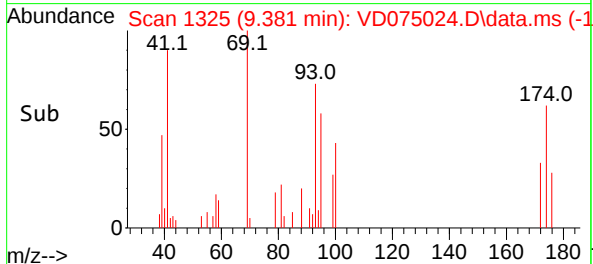
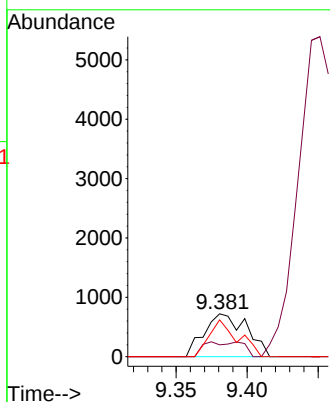
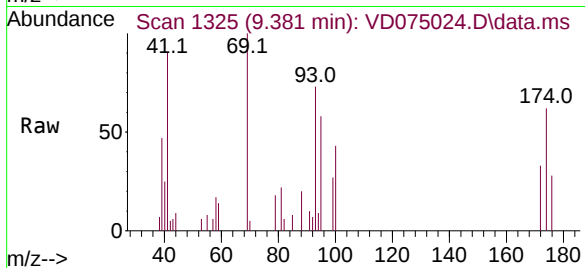
Tgt Ion: 88 Resp: 1509

Ion Ratio Lower Upper

88 100

43 0.0 23.9 35.9#

58 57.7 48.4 72.6



#50

Toluene-d8

Concen: 9.685 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075024.D

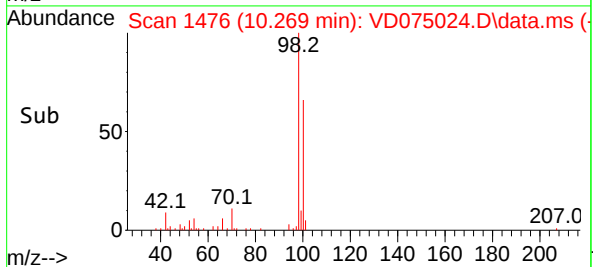
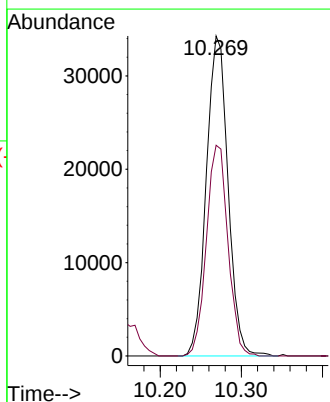
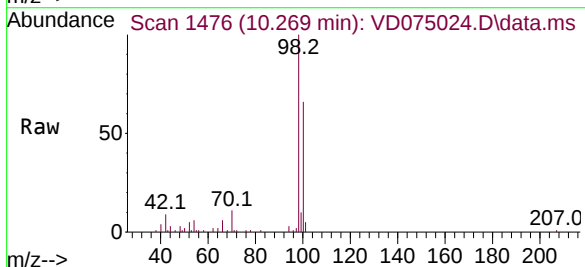
Acq: 15 Dec 2022 13:14

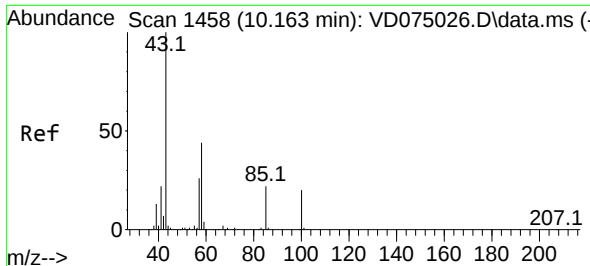
Tgt Ion: 98 Resp: 63609

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

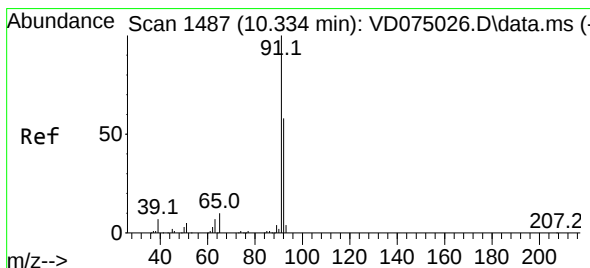
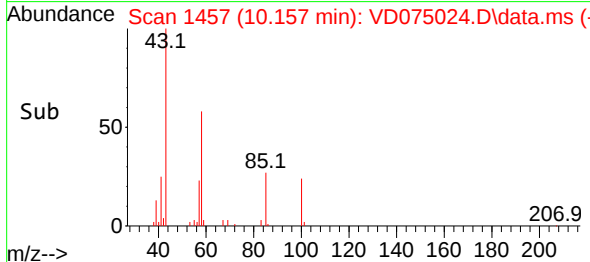
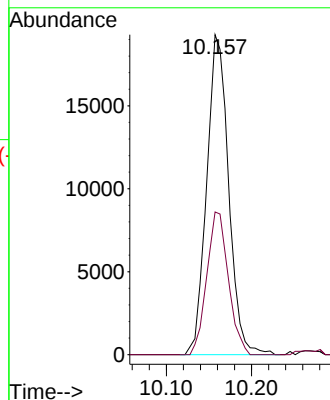
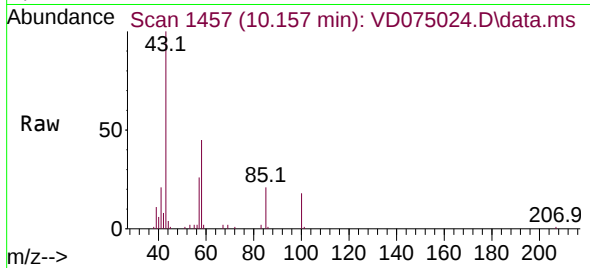




#51
4-Methyl-2-Pentanone
Concen: 47.976 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

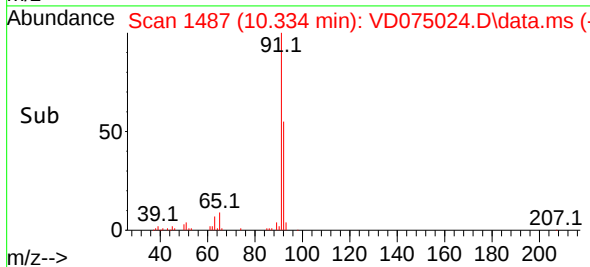
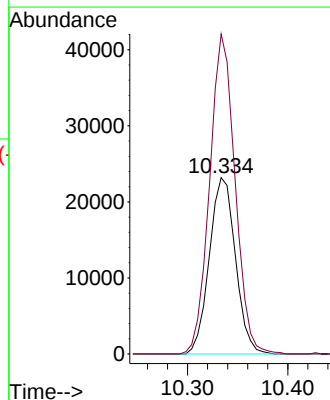
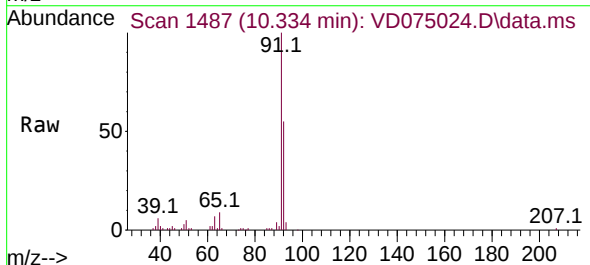
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

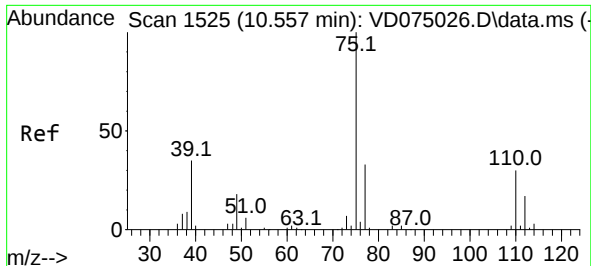
Tgt Ion: 43 Resp: 34447
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5



#52
Toluene
Concen: 10.426 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 92 Resp: 41933
Ion Ratio Lower Upper
92 100
91 176.9 139.3 208.9

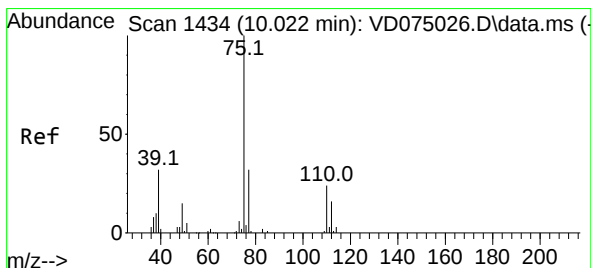
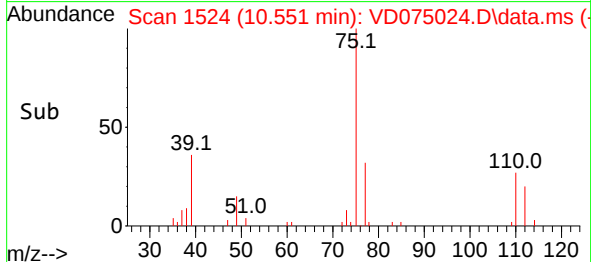
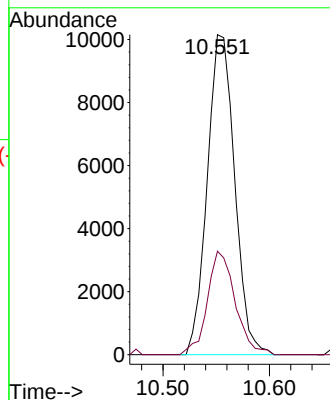
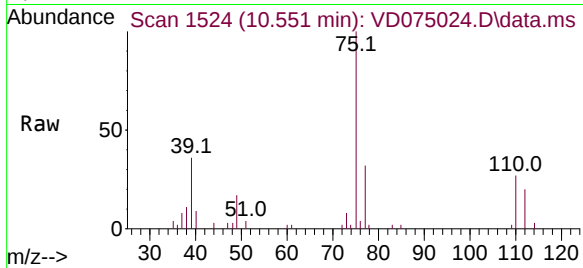




#53
 t-1,3-Dichloropropene
 Concen: 9.759 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

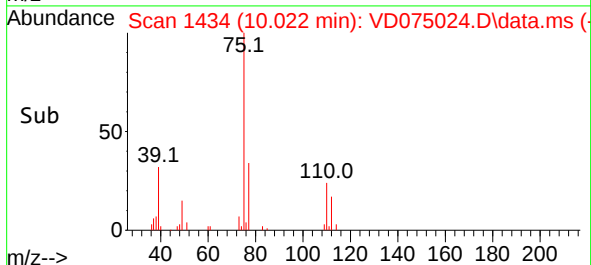
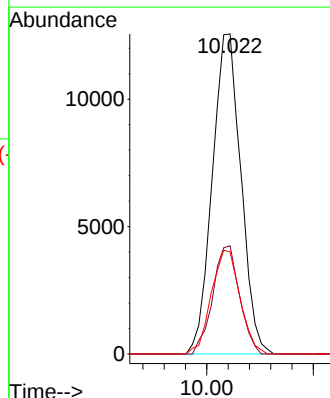
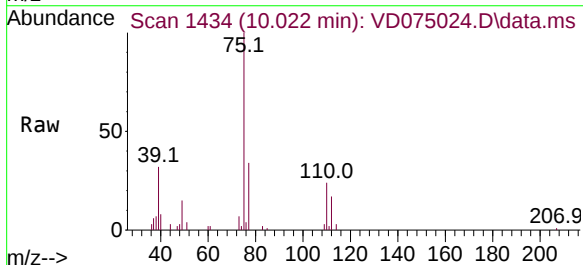
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

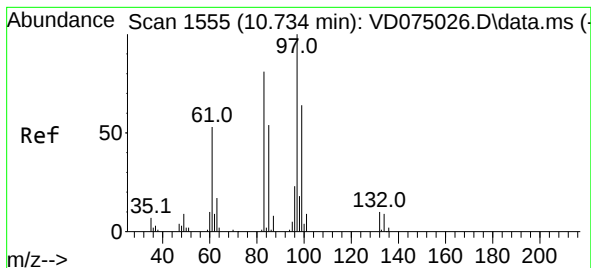
Tgt Ion: 75 Resp: 18173
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 10.126 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

Tgt Ion: 75 Resp: 23405
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.5 38.3
 39 31.9 25.7 38.5





#55

1,1,2-Trichloroethane

Concen: 10.164 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 12282

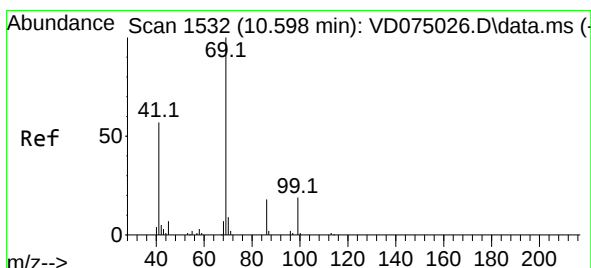
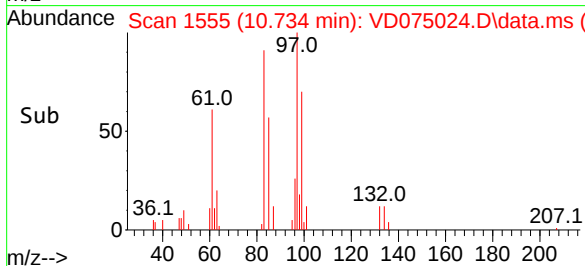
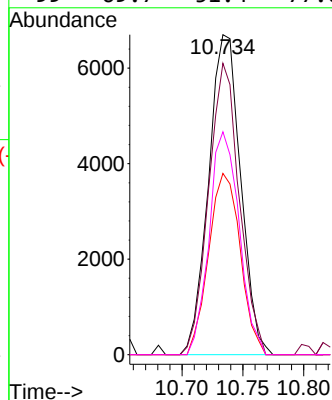
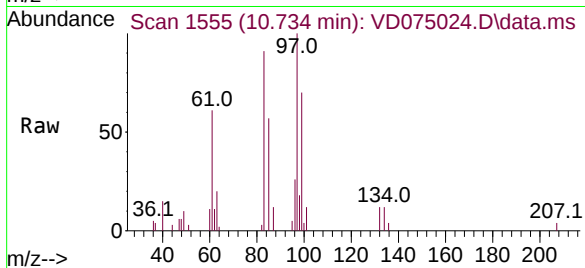
Ion Ratio Lower Upper

97 100

83 91.1 65.1 97.7

85 56.7 43.3 64.9

99 69.7 51.4 77.0



#56

Ethyl methacrylate

Concen: 9.502 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

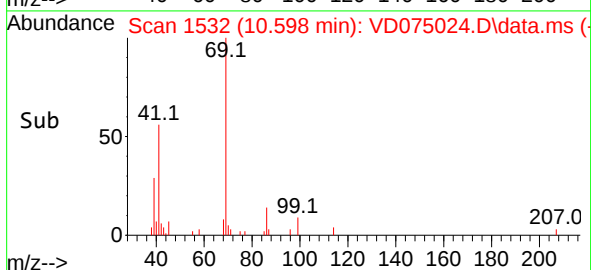
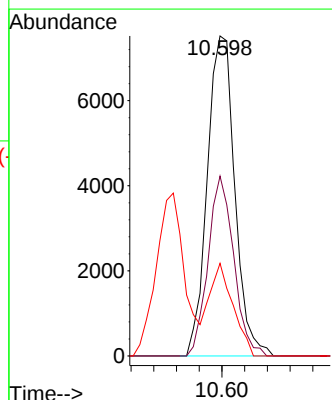
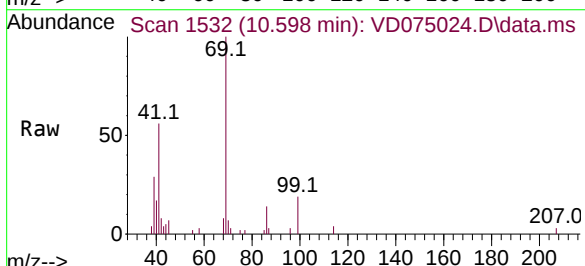
Tgt Ion: 69 Resp: 12667

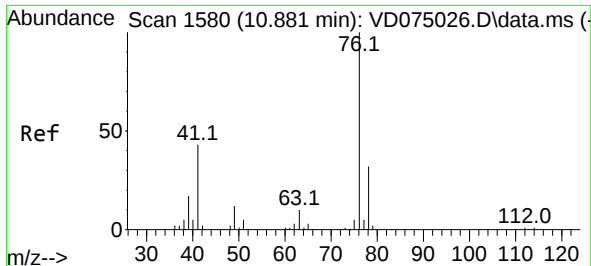
Ion Ratio Lower Upper

69 100

41 52.3 42.2 63.4

39 25.1 20.2 30.4





#57

1,3-Dichloropropane

Concen: 10.224 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

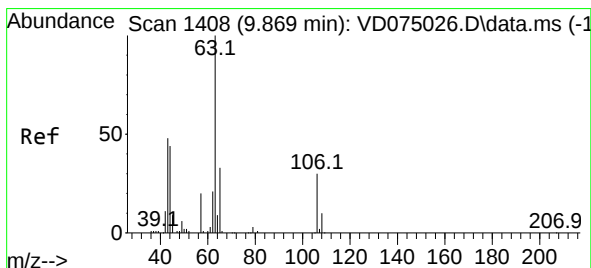
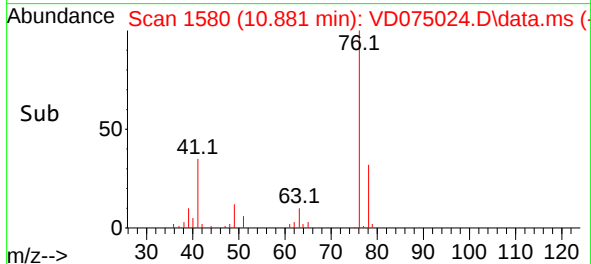
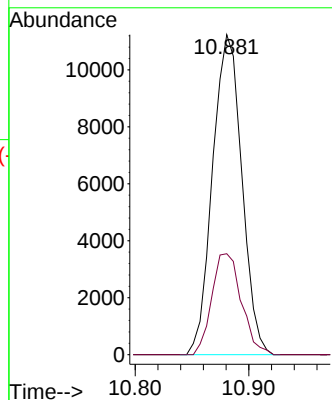
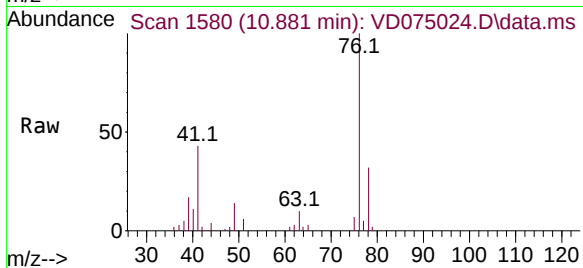
VSTDICC010

Tgt Ion: 76 Resp: 20109

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 42.177 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075024.D

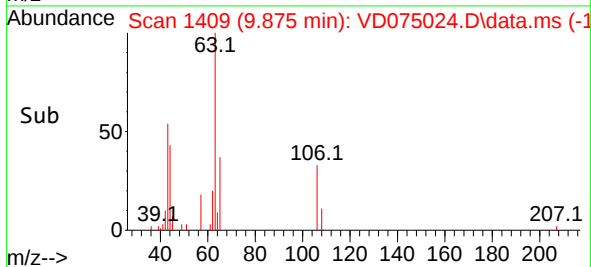
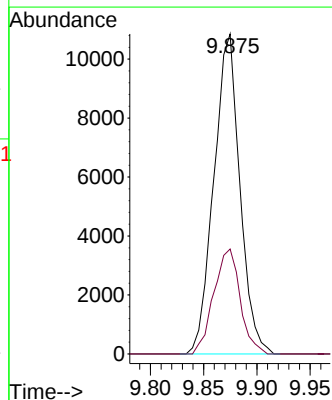
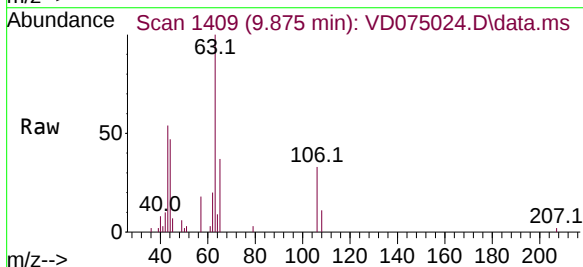
Acq: 15 Dec 2022 13:14

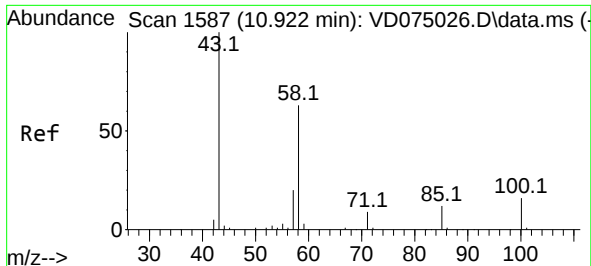
Tgt Ion: 63 Resp: 18417

Ion Ratio Lower Upper

63 100

106 33.3 25.3 37.9

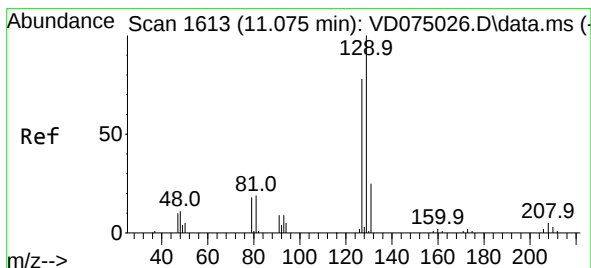
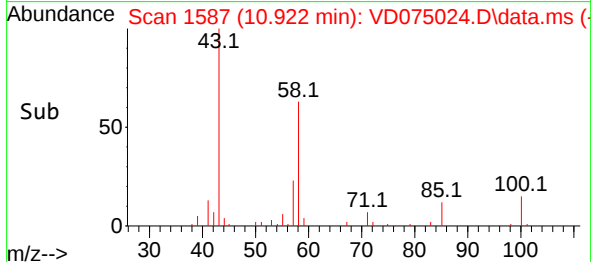
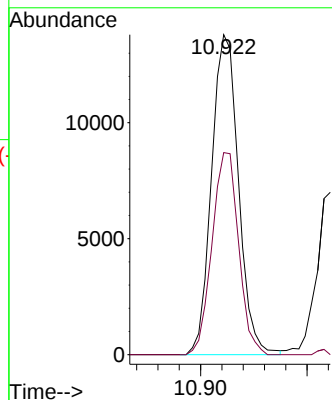
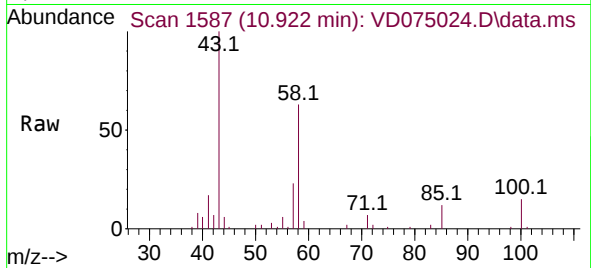




#59
2-Hexanone
Concen: 46.812 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

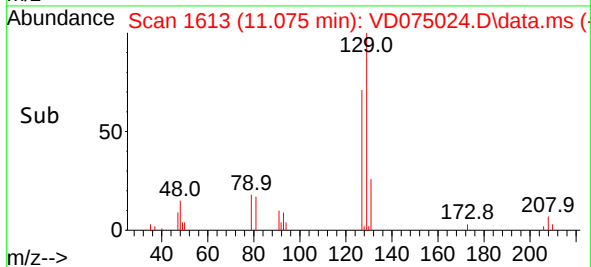
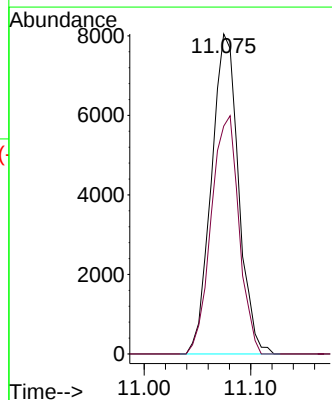
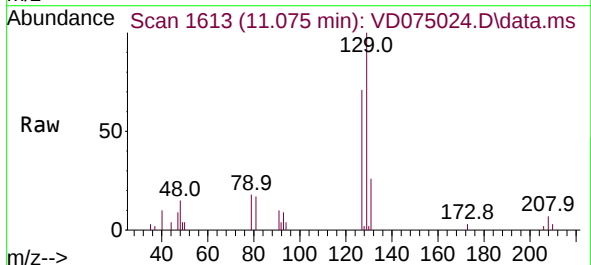
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

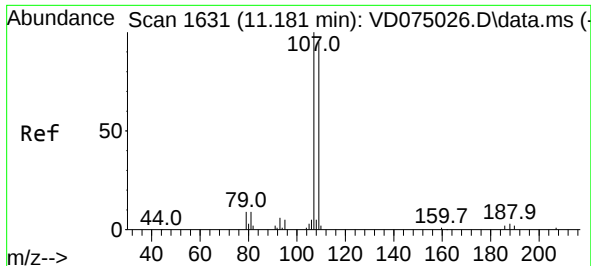
Tgt Ion: 43 Resp: 24204
Ion Ratio Lower Upper
43 100
58 62.2 30.8 92.4



#60
Dibromochloromethane
Concen: 10.074 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 129 Resp: 14247
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.3

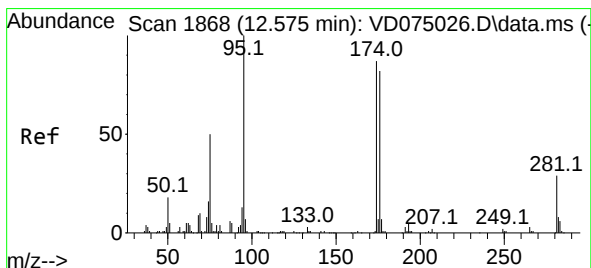
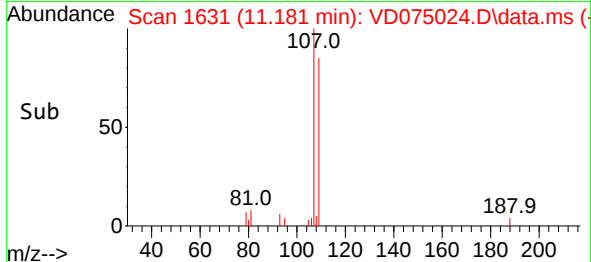
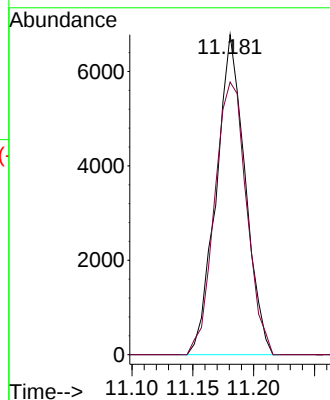
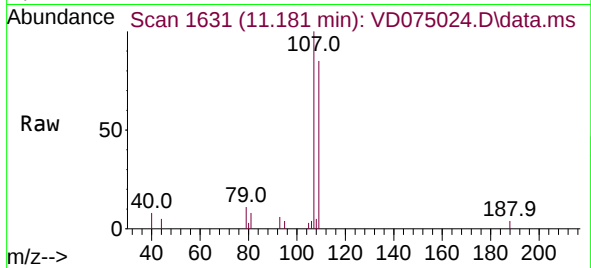




#61
1,2-Dibromoethane
Concen: 10.192 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

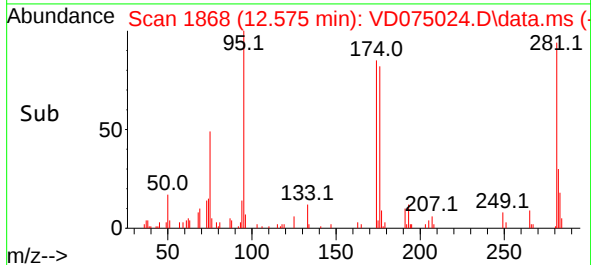
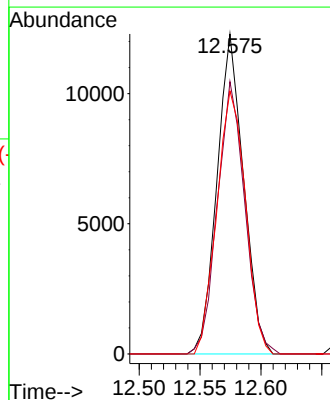
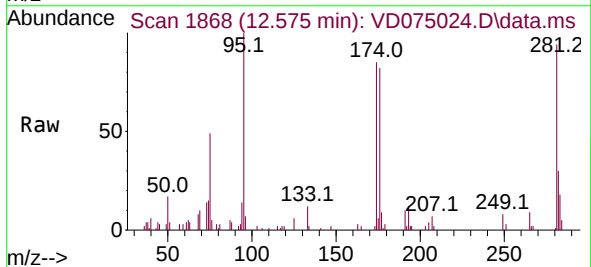
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

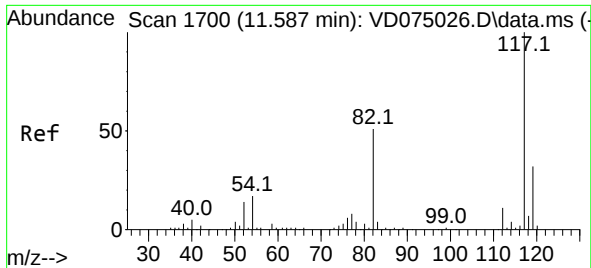
Tgt Ion:107 Resp: 11196
Ion Ratio Lower Upper
107 100
109 94.4 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 9.696 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 95 Resp: 18676
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.2
176 88.5 0.0 165.0

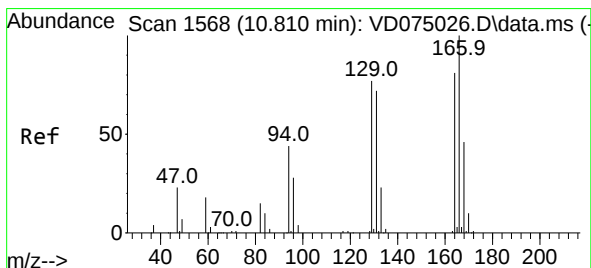
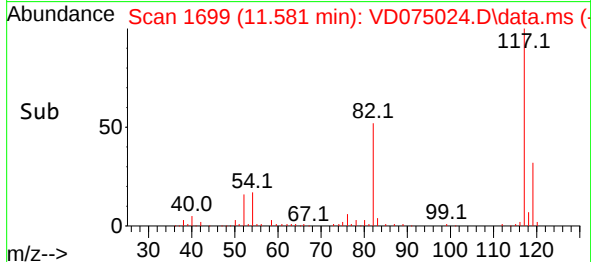
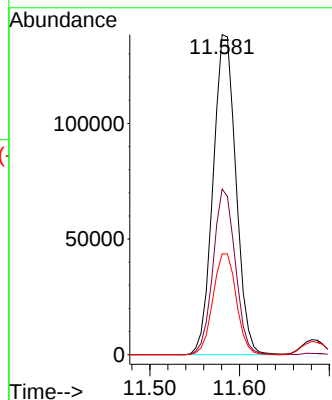
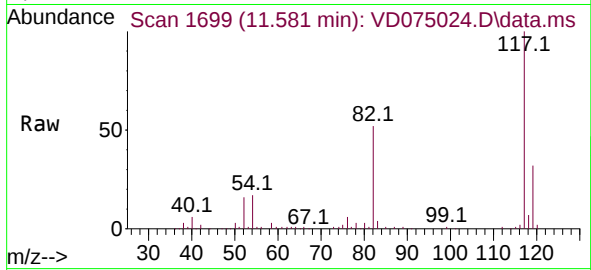




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

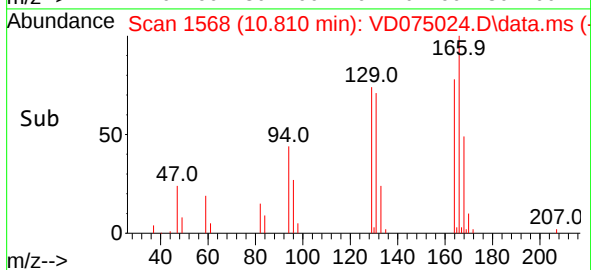
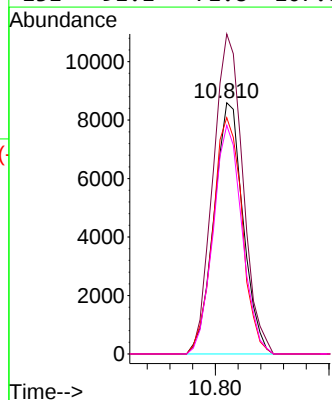
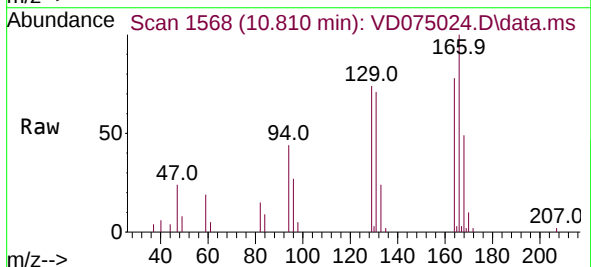
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

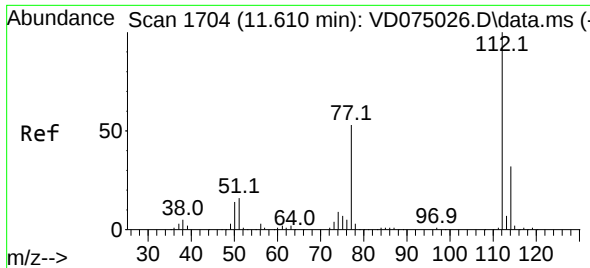
Tgt Ion:117 Resp: 244965
Ion Ratio Lower Upper
117 100
82 51.8 40.9 61.3
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 10.595 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:164 Resp: 15301
Ion Ratio Lower Upper
164 100
166 127.4 99.4 149.0
129 94.1 76.7 115.1
131 91.1 71.8 107.8

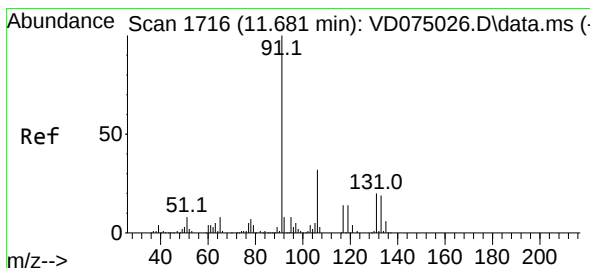
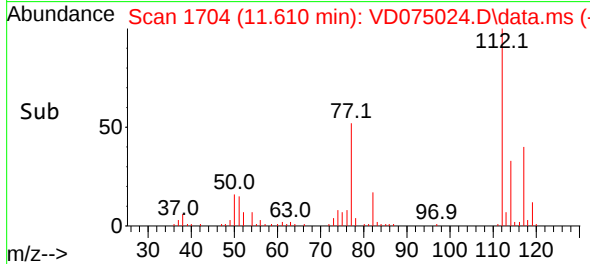
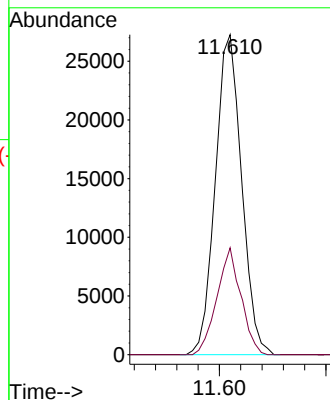
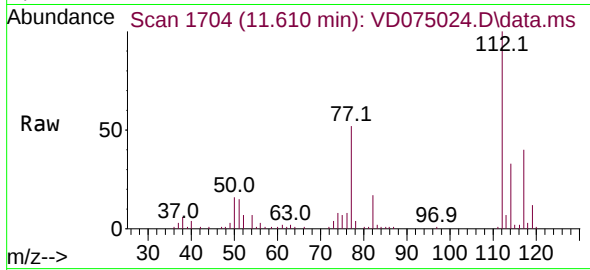




#65
Chlorobenzene
Concen: 10.566 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

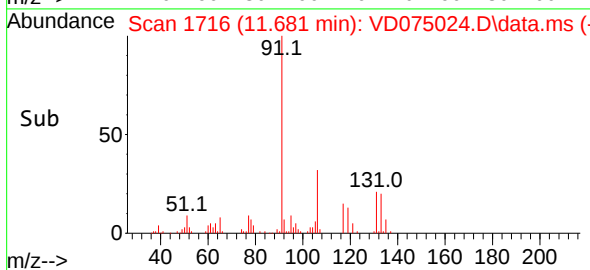
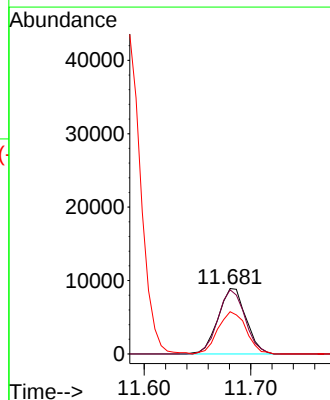
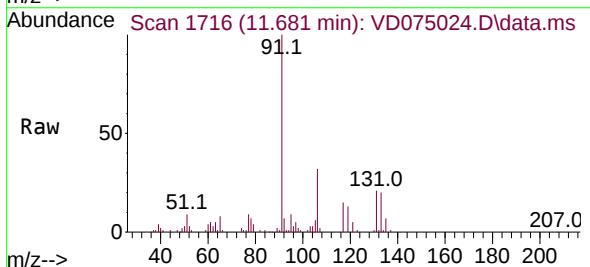
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

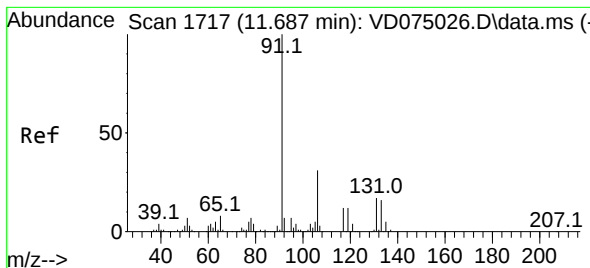
Tgt Ion:112 Resp: 46639
Ion Ratio Lower Upper
112 100
114 33.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.238 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:131 Resp: 16200
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.6
119 65.4 34.2 102.5





#67

Ethyl Benzene

Concen: 9.876 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

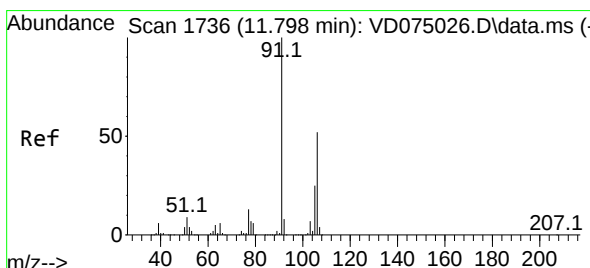
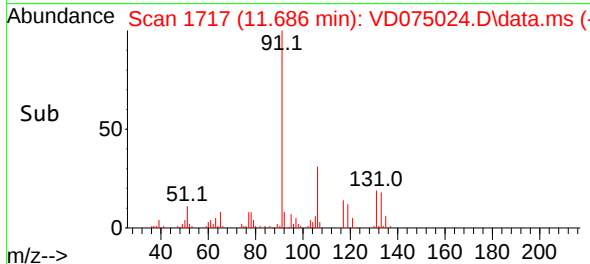
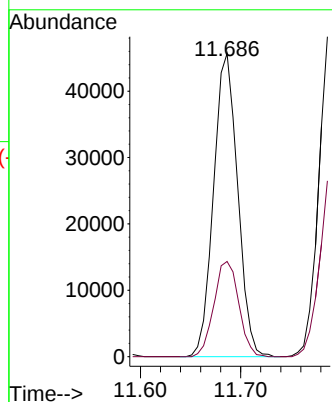
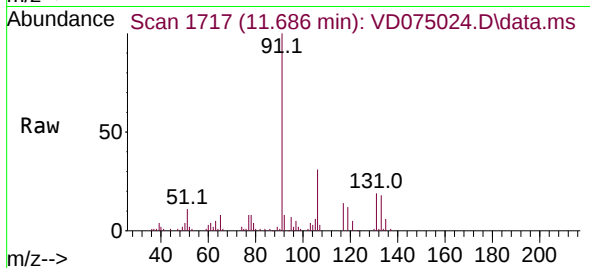
VSTDIC010

Tgt Ion: 91 Resp: 75915

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 20.247 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075024.D

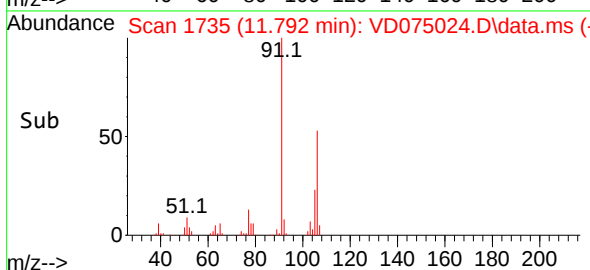
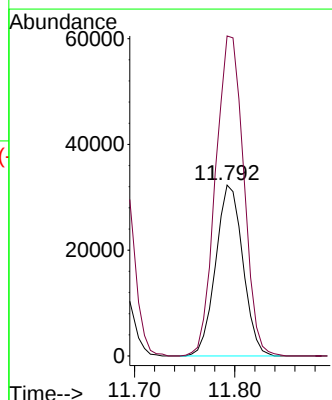
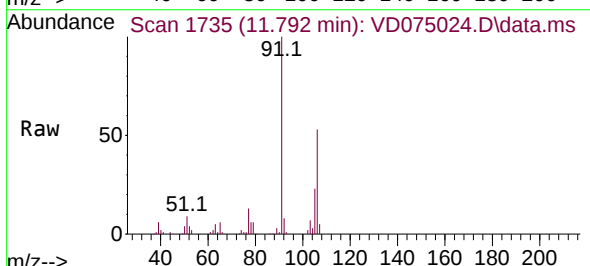
Acq: 15 Dec 2022 13:14

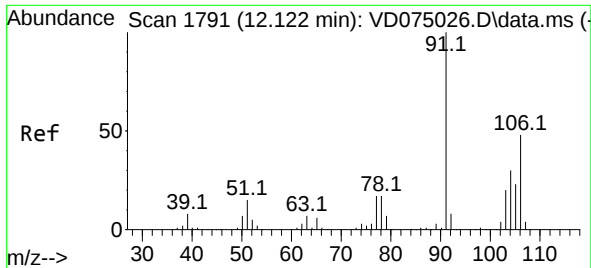
Tgt Ion: 106 Resp: 60859

Ion Ratio Lower Upper

106 100

91 193.4 156.3 234.5

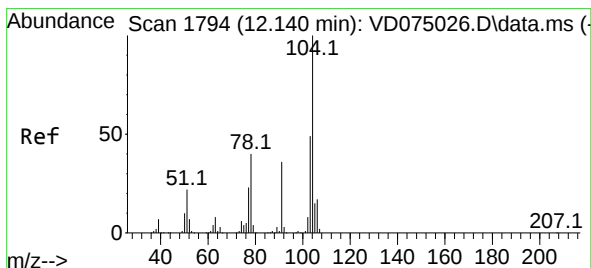
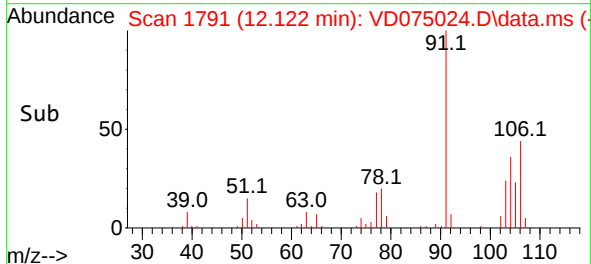
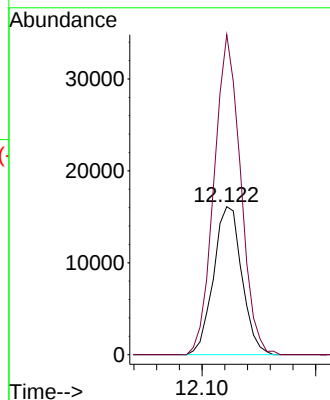
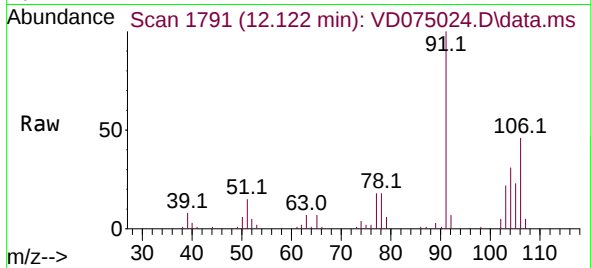




#69
o-Xylene
Concen: 9.869 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

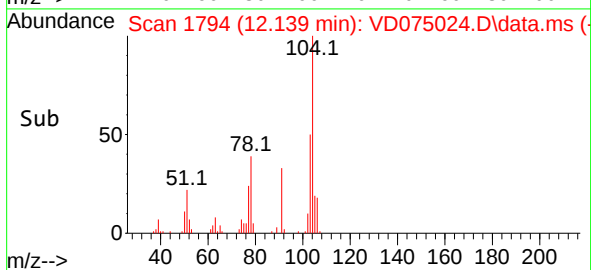
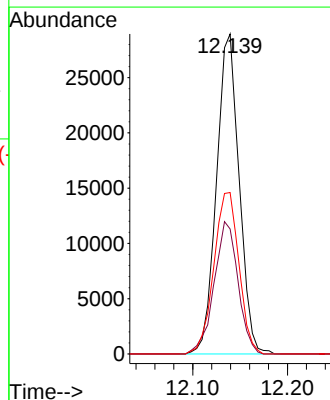
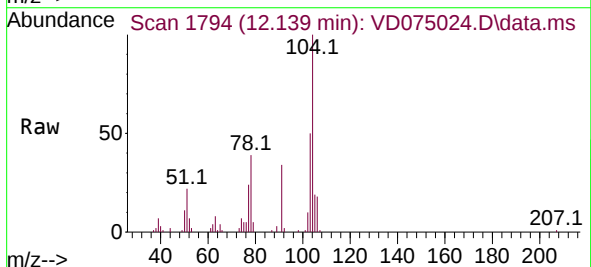
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

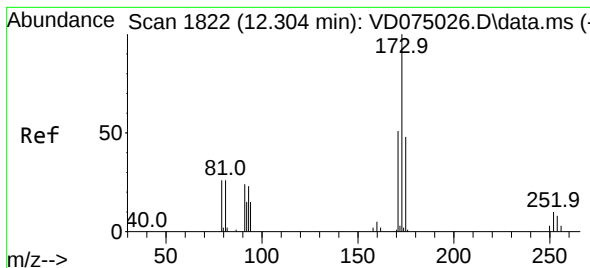
Tgt Ion:106 Resp: 27902
Ion Ratio Lower Upper
106 100
91 202.4 102.7 308.1



#70
Styrene
Concen: 9.833 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:104 Resp: 48071
Ion Ratio Lower Upper
104 100
78 43.7 35.5 53.3
103 55.8 43.9 65.9





#71

Bromoform

Concen: 10.002 ug/l

RT: 12.298 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

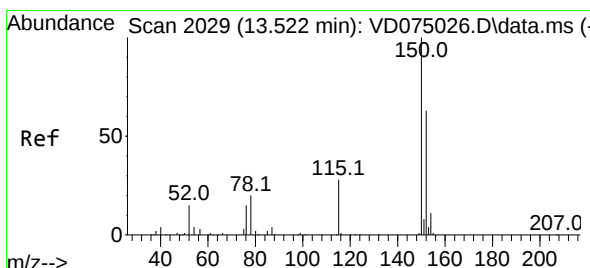
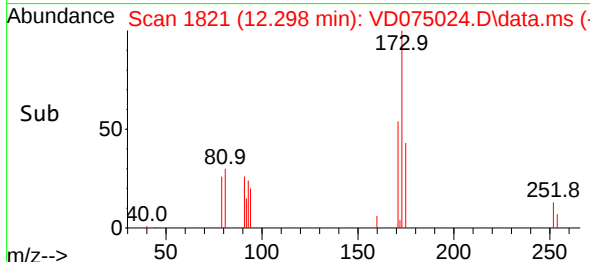
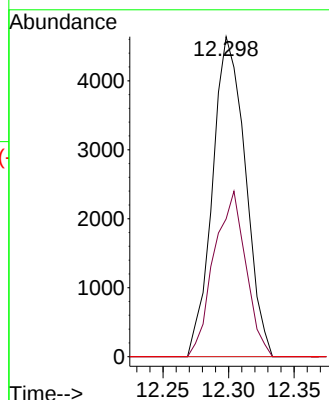
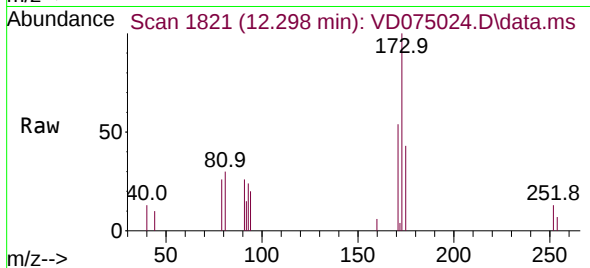
Tgt Ion:173 Resp: 8071

Ion Ratio Lower Upper

173 100

175 50.2 24.4 73.4

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: VD075024.D

Acq: 15 Dec 2022 13:14

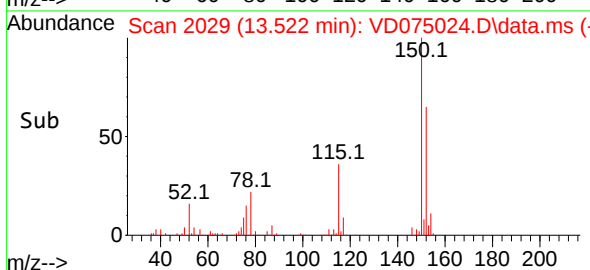
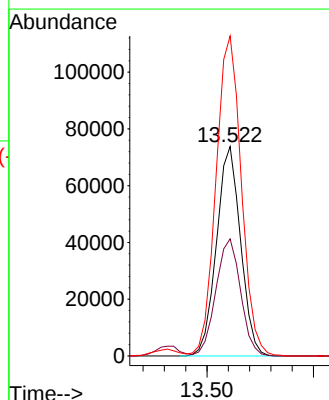
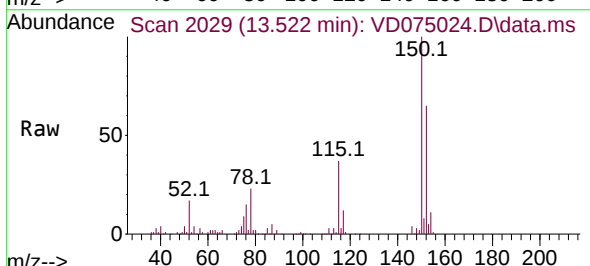
Tgt Ion:152 Resp: 115643

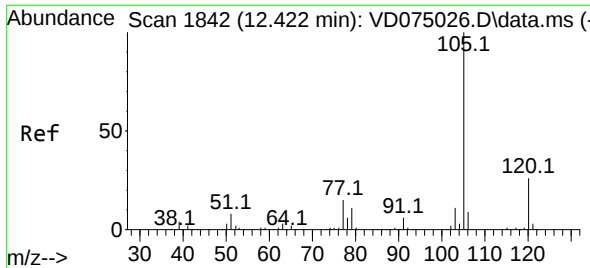
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 160.6 0.0 354.2

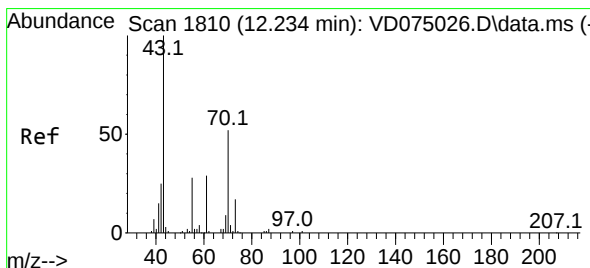
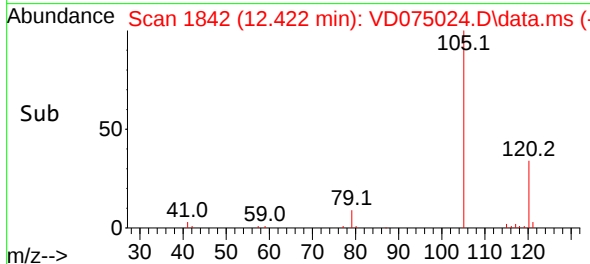
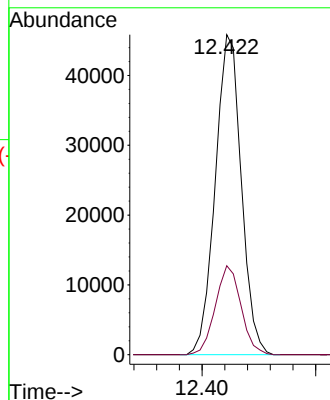
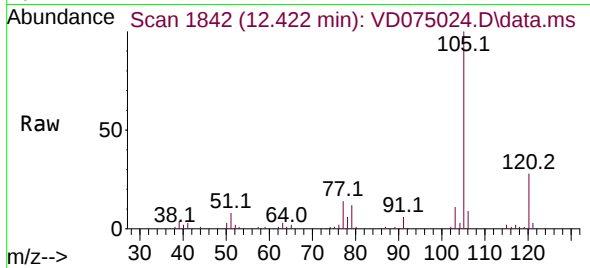




#73
Isopropylbenzene
Concen: 9.626 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

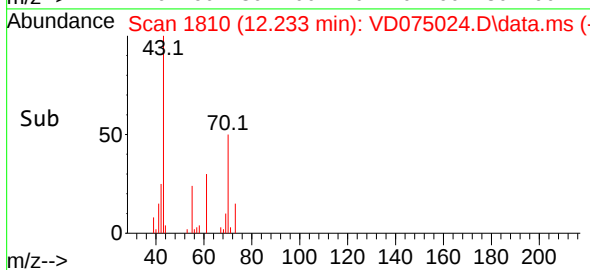
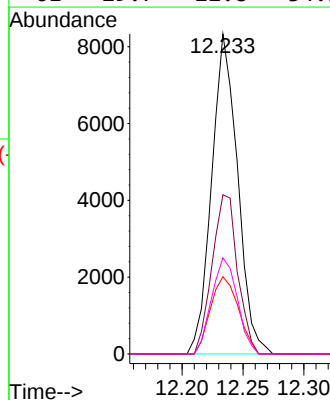
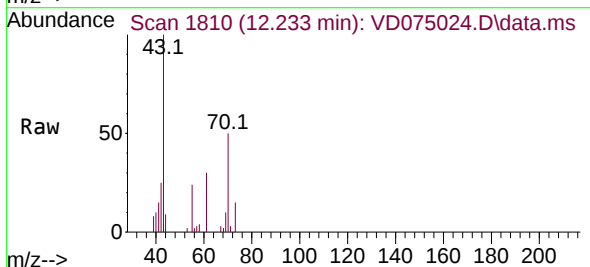
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

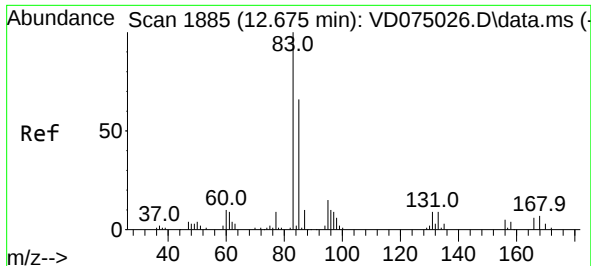
Tgt Ion:105 Resp: 72850
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6



#74
N-ethyl acetate
Concen: 9.581 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 43 Resp: 12361
Ion Ratio Lower Upper
43 100
70 48.8 40.6 60.8
55 26.0 22.0 33.0
61 29.7 22.8 34.2

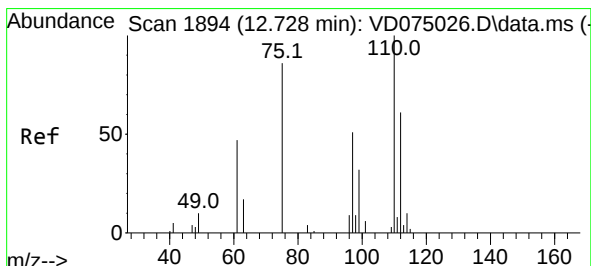
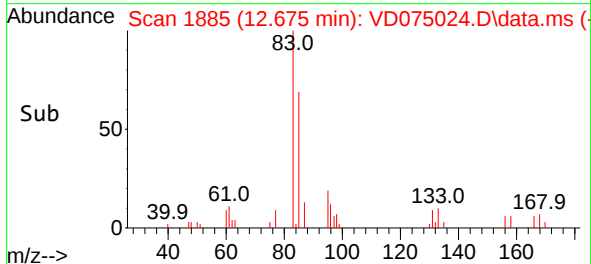
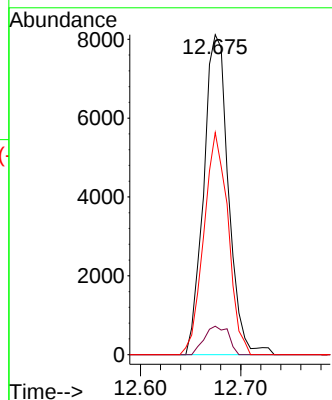
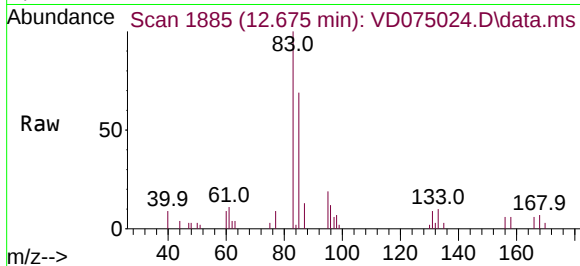




#75
1,1,2,2-Tetrachloroethane
Concen: 10.102 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

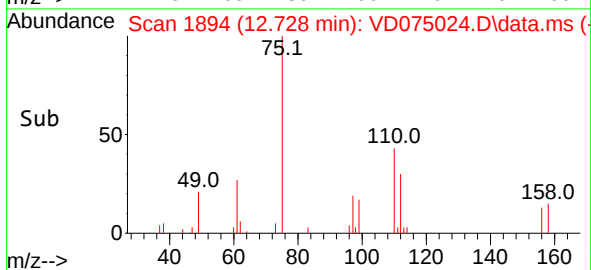
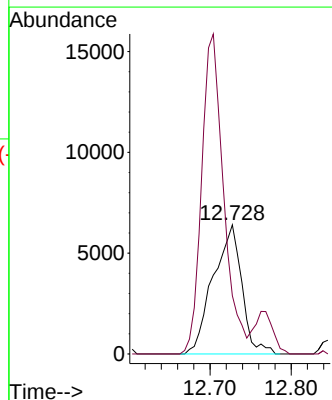
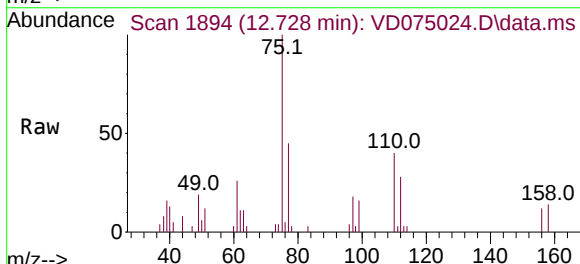
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

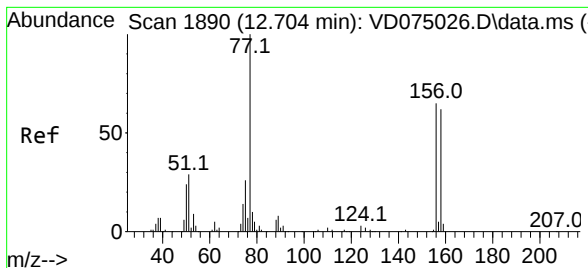
Tgt Ion: 83 Resp: 13951
Ion Ratio Lower Upper
83 100
131 8.7 4.9 14.6
85 67.9 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 10.764 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 75 Resp: 15720
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.406 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

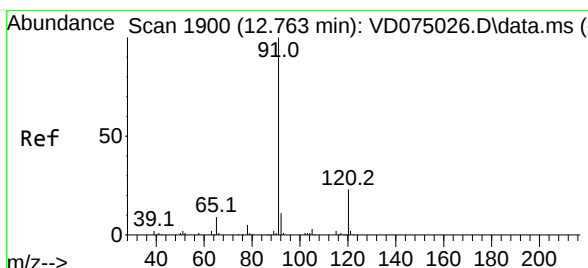
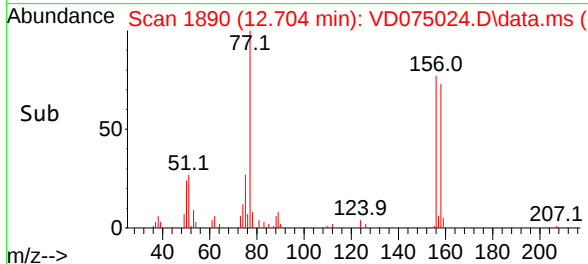
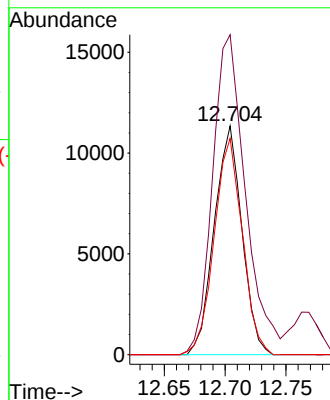
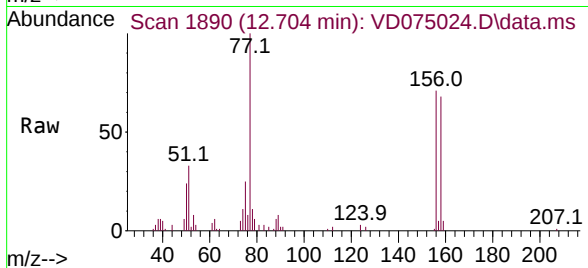
Tgt Ion:156 Resp: 17935

Ion Ratio Lower Upper

156 100

77 166.0 86.3 258.9

158 96.3 48.3 144.9



#78

n-propylbenzene

Concen: 9.753 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD075024.D

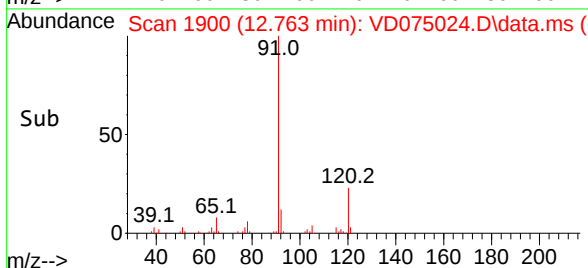
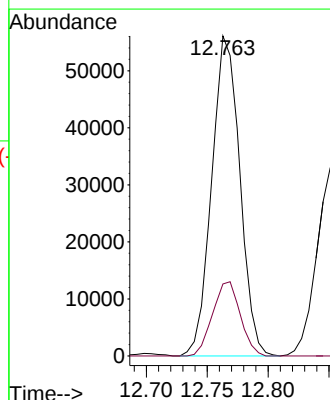
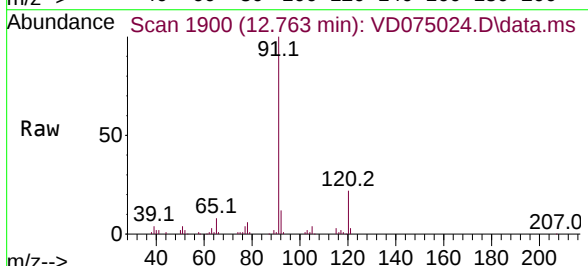
Acq: 15 Dec 2022 13:14

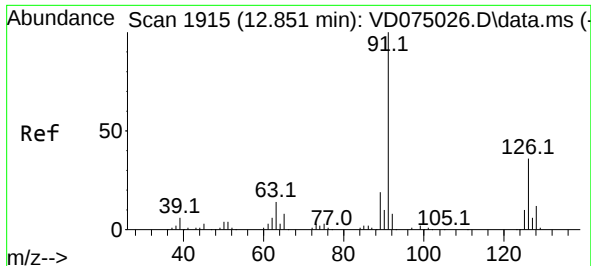
Tgt Ion: 91 Resp: 90229

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.7

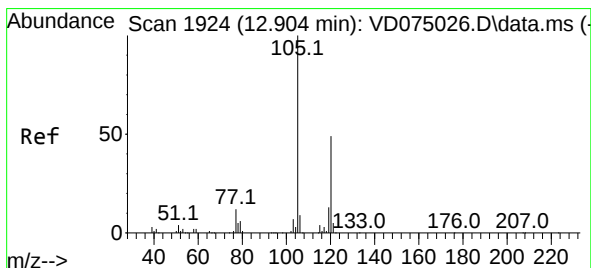
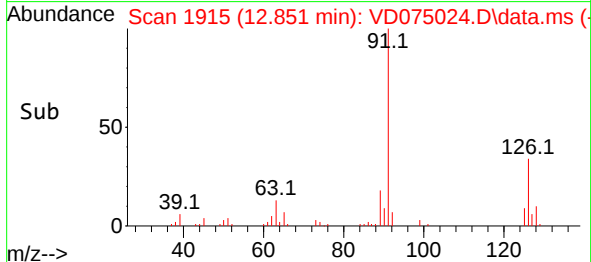
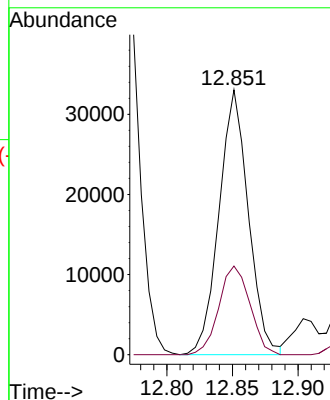
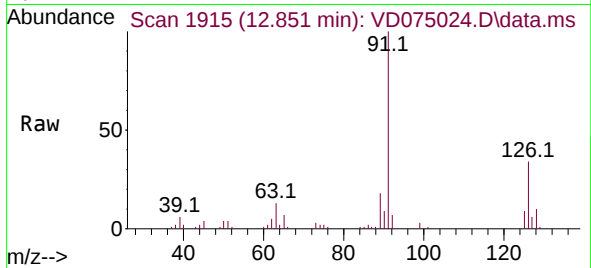




#79
2-Chlorotoluene
Concen: 10.106 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

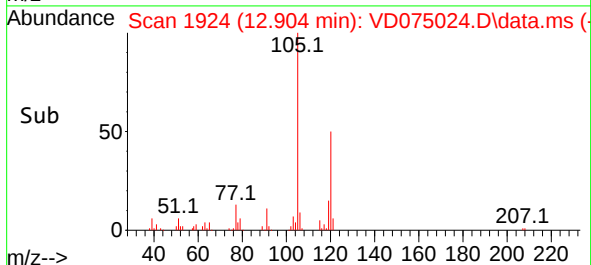
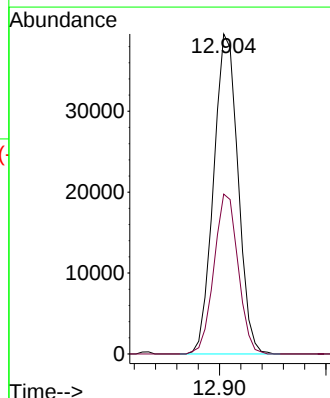
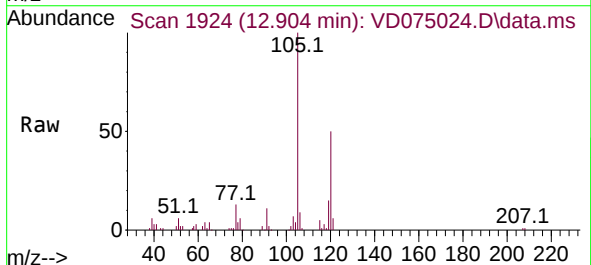
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

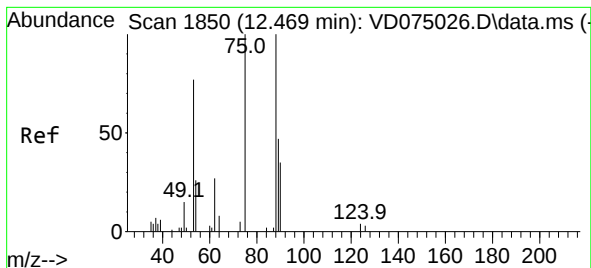
Tgt Ion: 91 Resp: 51501
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 9.996 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 105 Resp: 62799
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.3

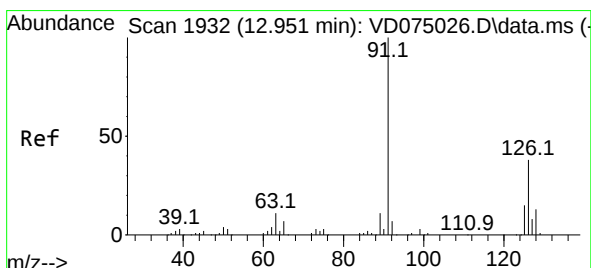
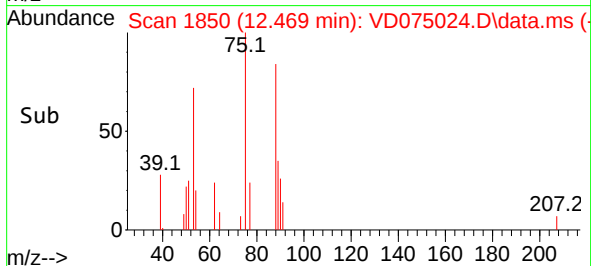
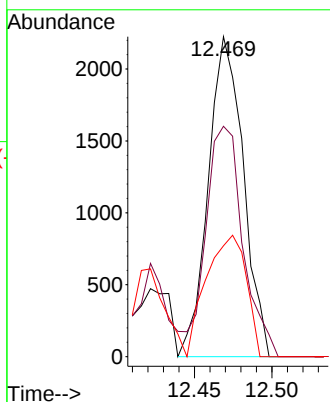
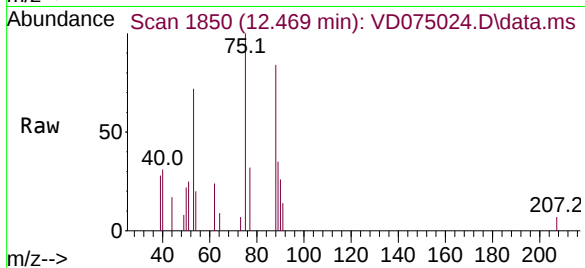




#81
trans-1,4-Dichloro-2-butene
Concen: 9.707 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

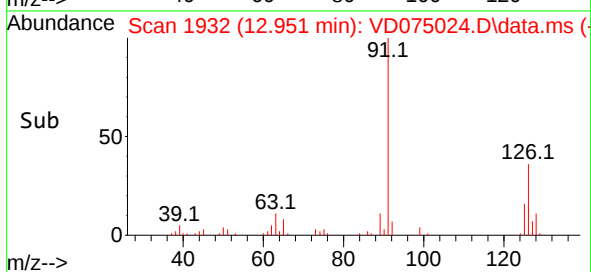
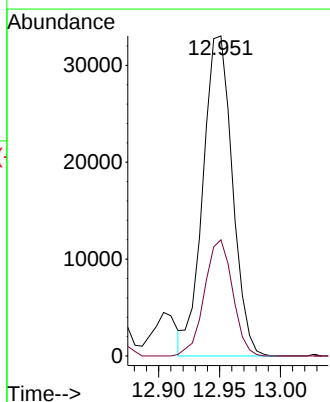
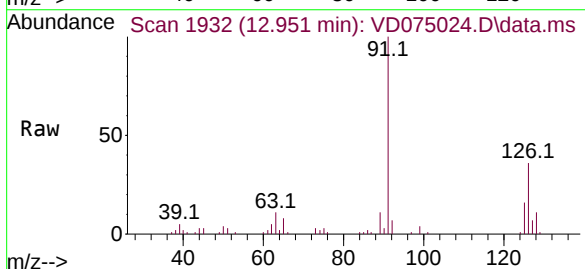
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

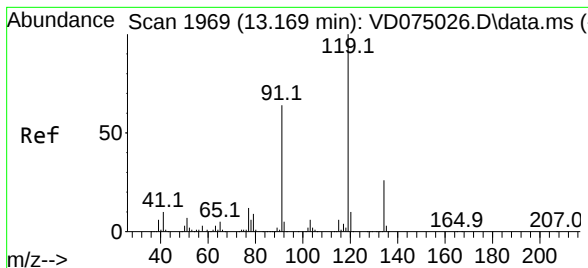
Tgt Ion:	75	Resp:	3492
Ion	Ratio	Lower	Upper
75	100		
53	75.1	60.0	90.0
89	43.4	37.4	56.0



#82
4-Chlorotoluene
Concen: 10.569 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:	91	Resp:	55751
Ion	Ratio	Lower	Upper
91	100		
126	34.6	18.1	54.1





#83

tert-Butylbenzene

Concen: 9.666 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

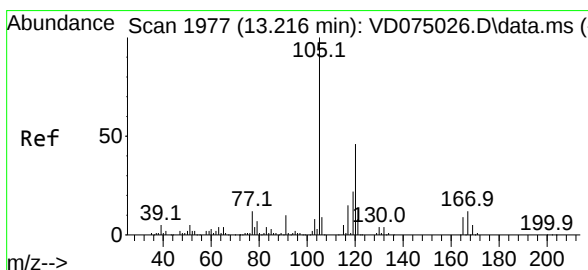
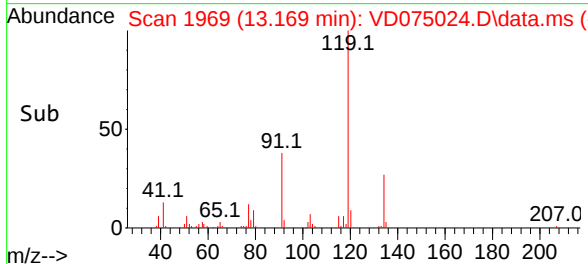
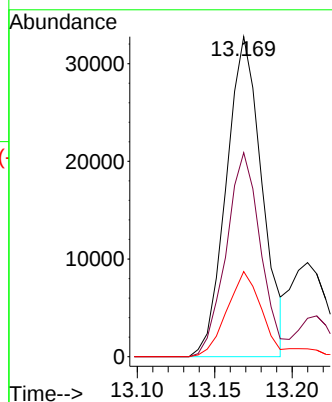
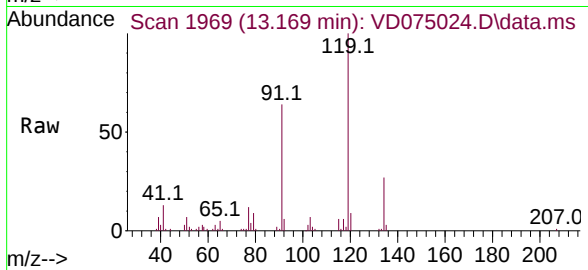
Tgt Ion:119 Resp: 52415

Ion Ratio Lower Upper

119 100

91 62.4 31.2 93.6

134 27.8 13.8 41.3



#84

1,2,4-Trimethylbenzene

Concen: 9.699 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075024.D

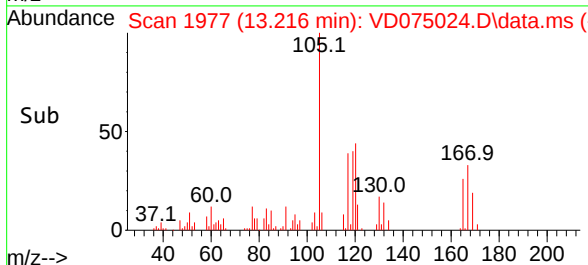
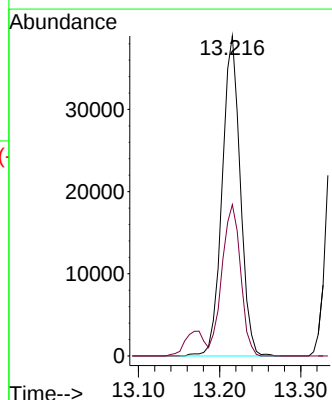
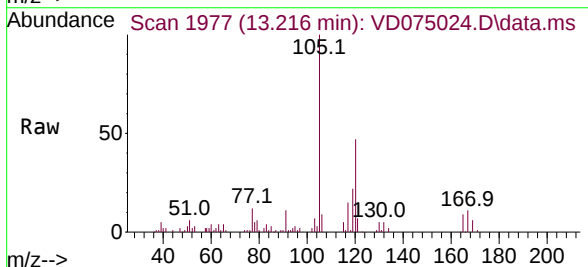
Acq: 15 Dec 2022 13:14

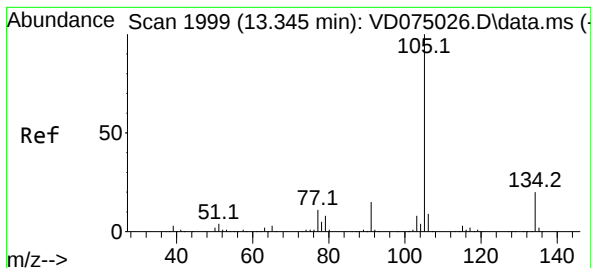
Tgt Ion:105 Resp: 60392

Ion Ratio Lower Upper

105 100

120 48.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 9.594 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

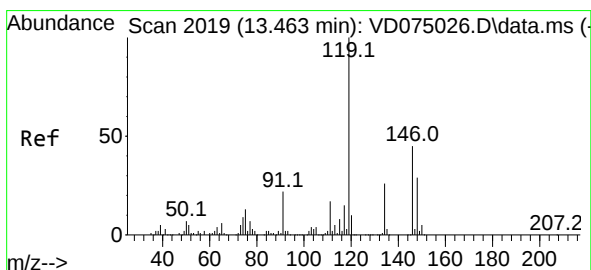
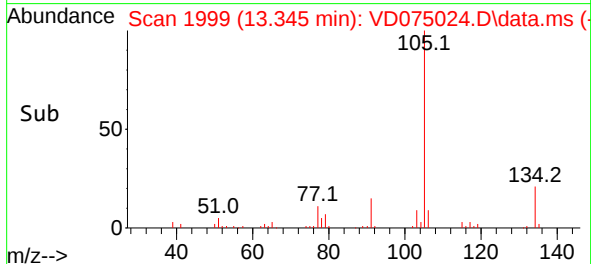
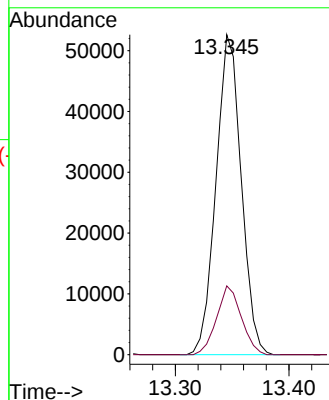
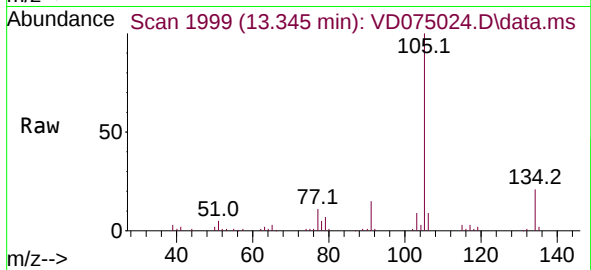
VSTDIC010

Tgt Ion:105 Resp: 81129

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.687 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

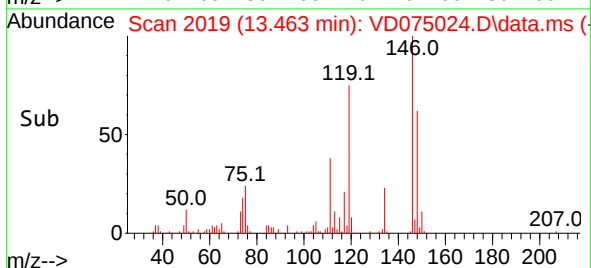
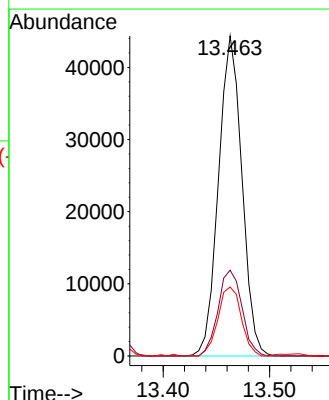
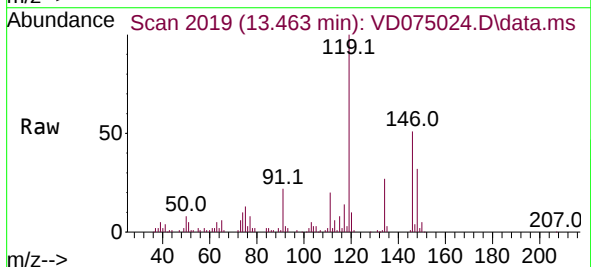
Tgt Ion:119 Resp: 67656

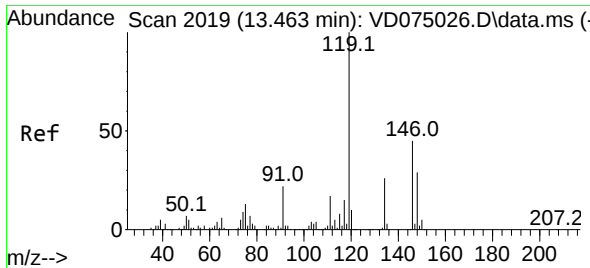
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 21.5 11.1 33.1

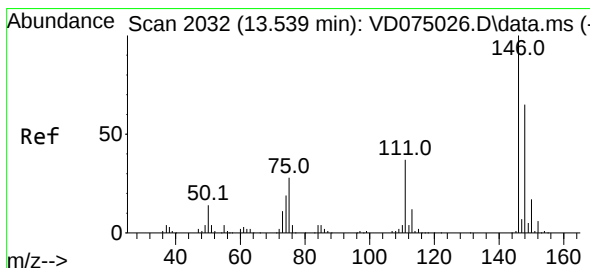
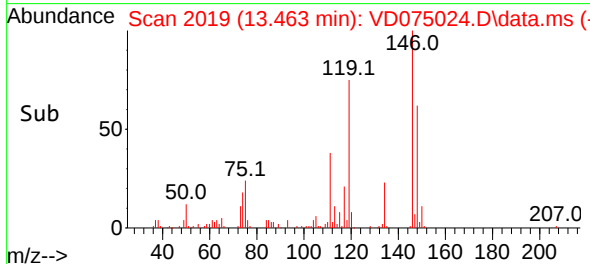
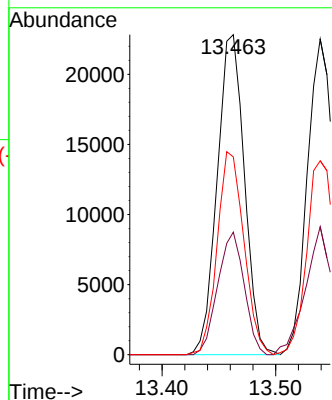
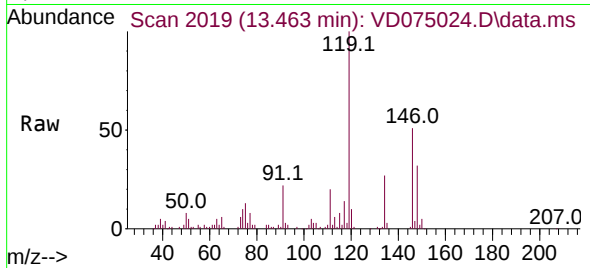




#87
 1,3-Dichlorobenzene
 Concen: 10.415 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

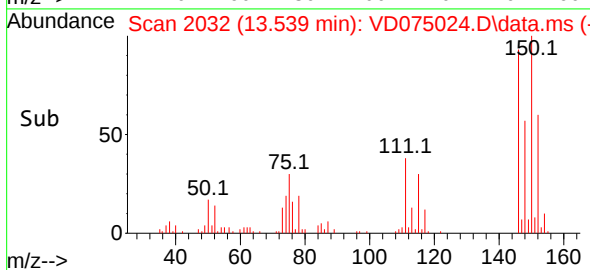
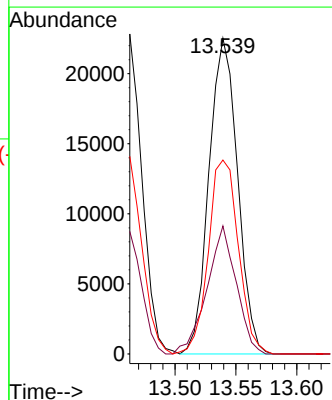
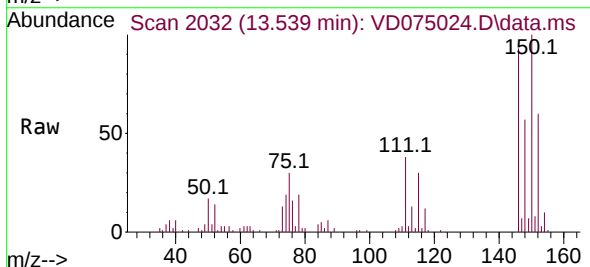
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

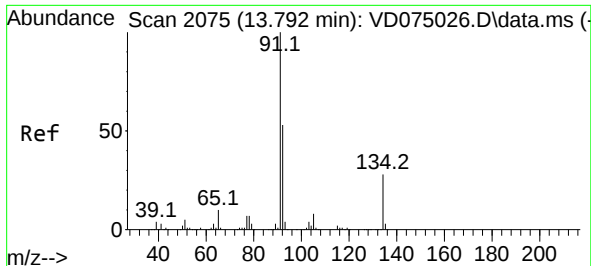
Tgt Ion:146 Resp: 38089
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.5
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 10.260 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

Tgt Ion:146 Resp: 36886
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.6 55.6
 148 64.6 32.0 96.2

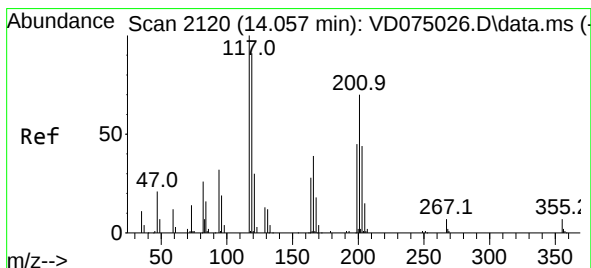
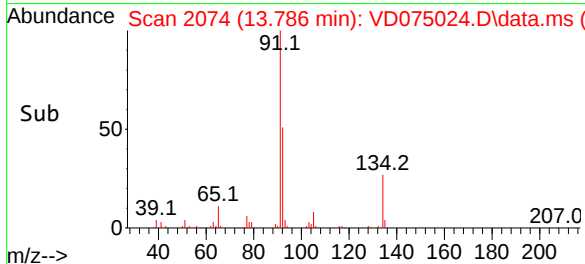
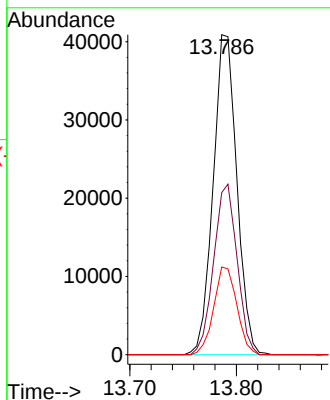
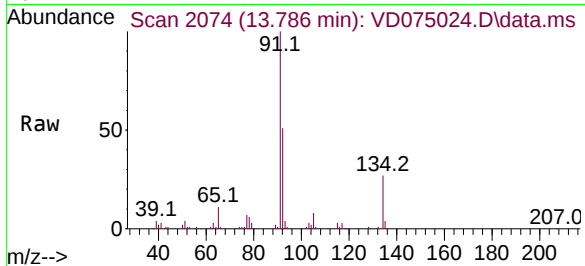




#89
n-Butylbenzene
Concen: 9.625 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

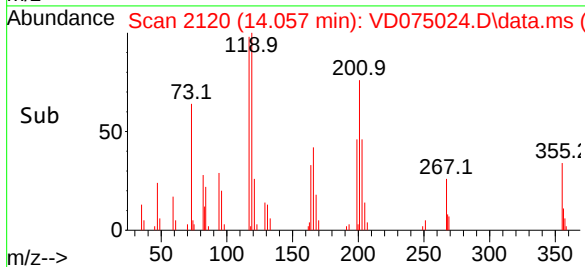
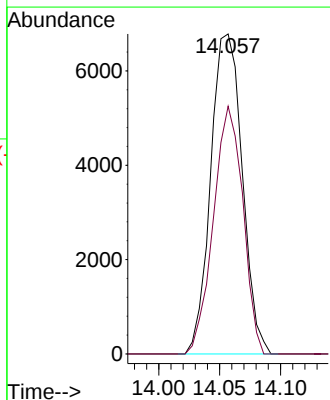
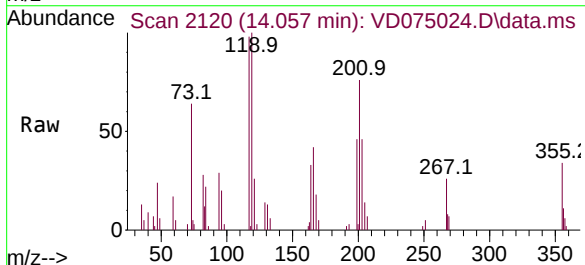
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

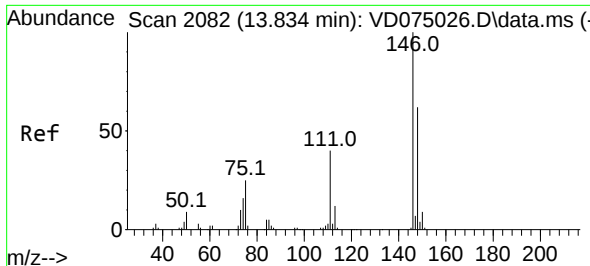
Tgt Ion: 91 Resp: 63050
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 9.733 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion: 117 Resp: 12220
Ion Ratio Lower Upper
117 100
201 72.3 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 10.442 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

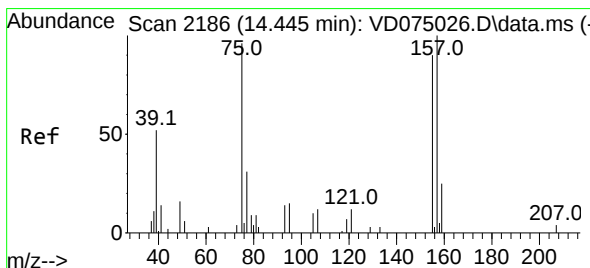
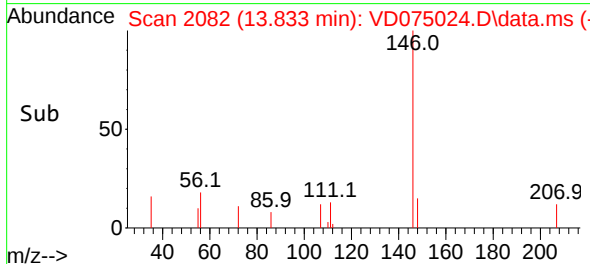
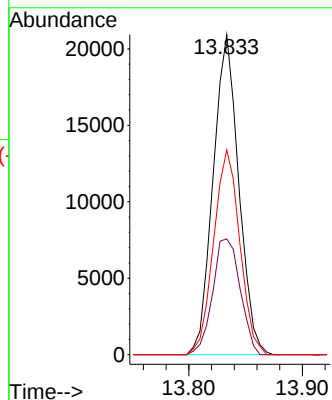
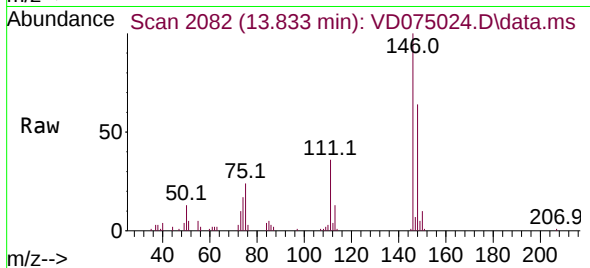
Tgt Ion:146 Resp: 32750

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 65.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.849 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075024.D

Acq: 15 Dec 2022 13:14

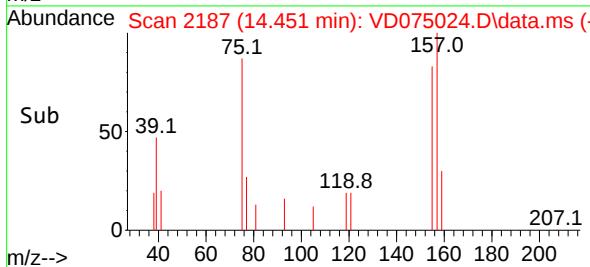
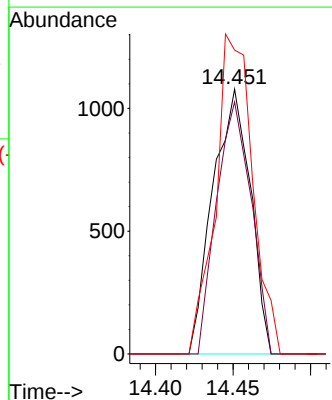
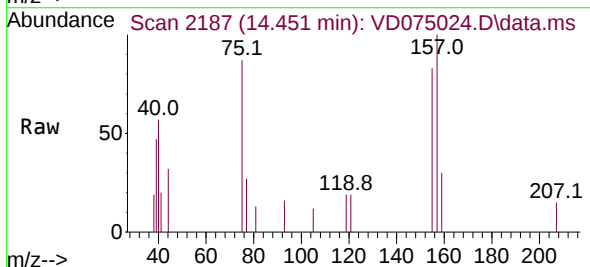
Tgt Ion: 75 Resp: 1812

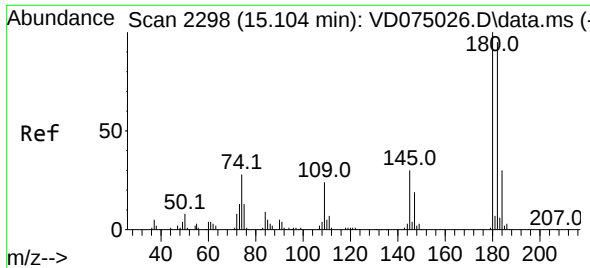
Ion Ratio Lower Upper

75 100

155 88.0 47.1 141.4

157 119.4 56.7 170.1

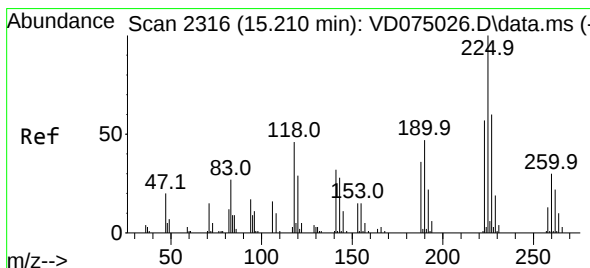
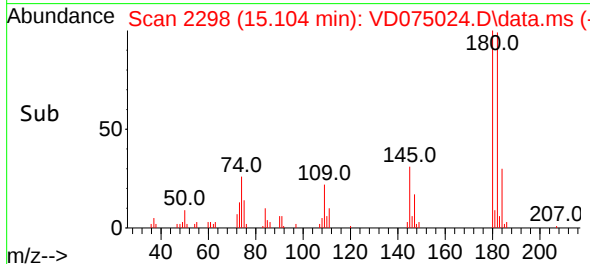
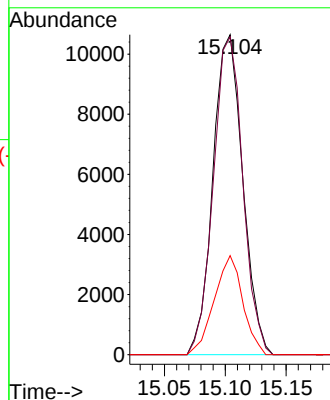
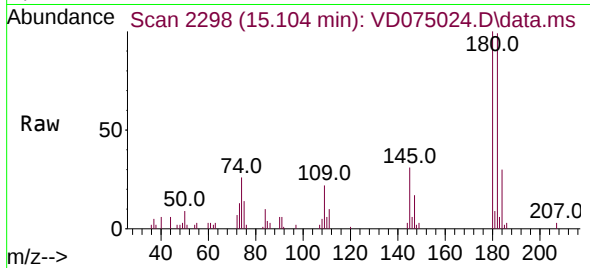




#93
 1,2,4-Trichlorobenzene
 Concen: 9.588 ug/l
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

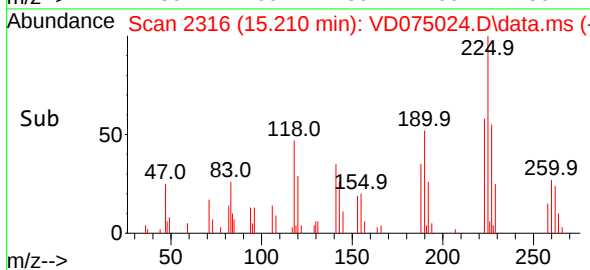
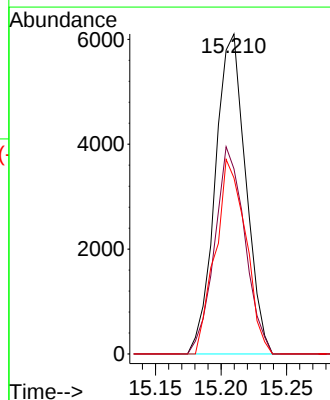
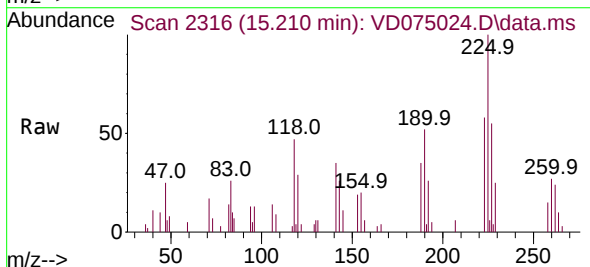
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

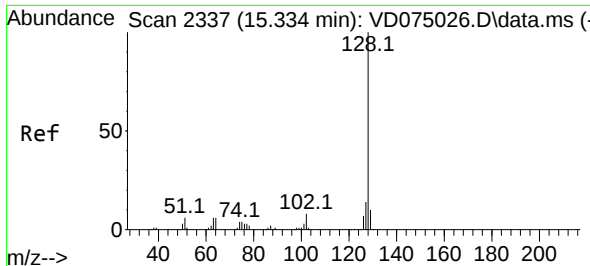
Tgt Ion:180 Resp: 18151
 Ion Ratio Lower Upper
 180 100
 182 97.9 48.5 145.5
 145 29.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 9.827 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. -0.000 min
 Lab File: VD075024.D
 Acq: 15 Dec 2022 13:14

Tgt Ion:225 Resp: 9873
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.0 93.0
 227 60.6 31.0 93.0

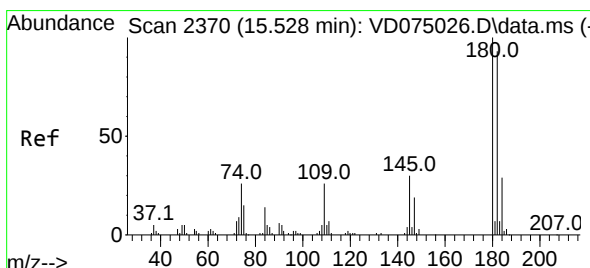
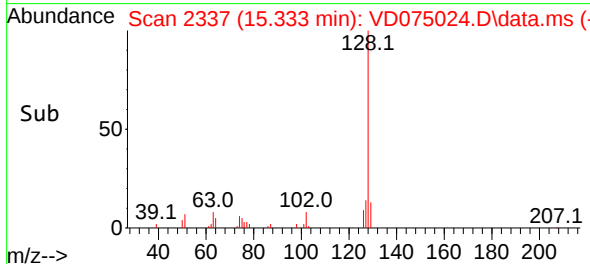
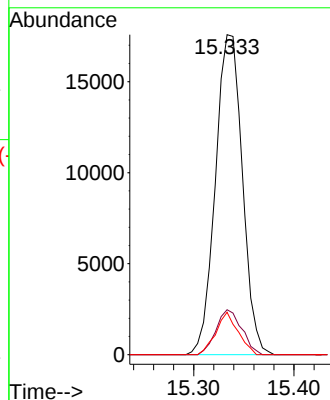
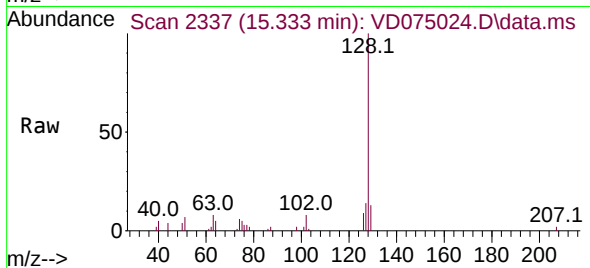




#95
Naphthalene
Concen: 9.296 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	32793
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.194 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075024.D
Acq: 15 Dec 2022 13:14

Tgt Ion:	180	Resp:	16887
Ion	Ratio	Lower	Upper
180	100		
182	84.5	46.3	138.9
145	29.9	15.3	45.9

