

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076302.D
 Acq On : 01 Jun 2023 17:35
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 02 05:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	198211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	9805	5.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.160%#
35) Dibromofluoromethane	7.804	113	12382	5.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.600%#
50) Toluene-d8	10.269	98	42328	4.702	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.400%#
62) 4-Bromofluorobenzene	12.575	95	11812	4.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.400%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	10178	5.638	ug/l	88
3) Chloromethane	2.146	50	23839	3.252	ug/l	97
4) Vinyl Chloride	2.269	62	26892	5.645	ug/l #	88
5) Bromomethane	2.681	94	16227	6.166	ug/l	95
6) Chloroethane	2.822	64	18270	4.449	ug/l	100
7) Trichlorofluoromethane	3.158	101	18419	5.637	ug/l	97
8) Diethyl Ether	3.581	74	5800	5.003	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	12426	5.844	ug/l	96
10) Methyl Iodide	4.152	142	11872	4.776	ug/l	97
11) Tert butyl alcohol	5.040	59	1446	11.759	ug/l #	73
12) 1,1-Dichloroethene	3.928	96	11778	5.334	ug/l	91
13) Acrolein	3.781	56	3775	12.331	ug/l	94
14) Allyl chloride	4.552	41	10672	4.878	ug/l	91
15) Acrylonitrile	5.252	53	11147	23.246	ug/l	97
16) Acetone	4.016	43	10008	15.078	ug/l	90
17) Carbon Disulfide	4.252	76	41392	5.631	ug/l #	93
18) Methyl Acetate	4.569	43	8496	5.222	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	20689	4.643	ug/l	97
20) Methylene Chloride	4.787	84	25003	2.761	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	12984	5.061	ug/l	99
22) Diisopropyl ether	6.205	45	23294	4.487	ug/l #	93
23) Vinyl Acetate	6.146	43	43093	17.619	ug/l	95
24) 1,1-Dichloroethane	6.105	63	21794	5.357	ug/l	100
25) 2-Butanone	7.087	43	12193	24.190	ug/l	92
26) 2,2-Dichloropropane	7.063	77	18129	5.640	ug/l	98
27) cis-1,2-Dichloroethene	7.069	96	13707	4.876	ug/l	89
28) Bromochloromethane	7.410	49	7255	4.635	ug/l #	93
29) Tetrahydrofuran	7.440	42	6678	21.561	ug/l	96
30) Chloroform	7.593	83	23152	5.409	ug/l	97
31) Cyclohexane	7.869	56	16379	5.509	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	18382	5.496	ug/l	96
36) 1,1-Dichloropropene	7.999	75	16004	4.956	ug/l	98
37) Ethyl Acetate	7.163	43	5744	4.691	ug/l #	96
38) Carbon Tetrachloride	7.987	117	14060	5.056	ug/l	91
39) Methylcyclohexane	9.269	83	16927	4.652	ug/l #	87
40) Benzene	8.246	78	50867	4.963	ug/l	98

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Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Jun 02 05:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2316	3.749	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	12564	5.044	ug/l	95
43) Isopropyl Acetate	8.357	43	10458	4.744	ug/l	98
44) Trichloroethene	9.022	130	14744	5.206	ug/l	84
45) 1,2-Dichloropropane	9.298	63	12190	4.927	ug/l	99
46) Dibromomethane	9.387	93	6920	4.766	ug/l	97
47) Bromodichloromethane	9.581	83	17439	5.127	ug/l	98
48) Methyl methacrylate	9.381	41	4001	4.227	ug/l	93
49) 1,4-Dioxane	9.375	88	1404	79.874	ug/l #	43
51) 4-Methyl-2-Pentanone	10.157	43	24829	21.287	ug/l	92
52) Toluene	10.334	92	28809	4.593	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	15462	4.862	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	17105	4.553	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	10050	4.863	ug/l	93
56) Ethyl methacrylate	10.598	69	8131	5.985	ug/l	96
57) 1,3-Dichloropropane	10.875	76	15098	4.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	16082	36.333	ug/l	99
59) 2-Hexanone	10.922	43	15365	19.792	ug/l	95
60) Dibromochloromethane	11.075	129	11551	4.877	ug/l	99
61) 1,2-Dibromoethane	11.181	107	9377	4.911	ug/l	96
64) Tetrachloroethene	10.804	164	11889	5.191	ug/l #	88
65) Chlorobenzene	11.604	112	34700	5.021	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	11778	4.926	ug/l	97
67) Ethyl Benzene	11.681	91	50170	4.544	ug/l	94
68) m/p-Xylenes	11.792	106	40820	8.937	ug/l	100
69) o-Xylene	12.122	106	18604	4.439	ug/l	97
70) Styrene	12.134	104	29929	4.138	ug/l	98
71) Bromoform	12.298	173	6331	4.674	ug/l #	96
73) Isopropylbenzene	12.422	105	43283	4.546	ug/l	96
74) N-amyl acetate	12.234	43	8124	4.366	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	11924	5.490	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	12497	8.862	ug/l #	100
77) Bromobenzene	12.698	156	12970	4.927	ug/l	97
78) n-propylbenzene	12.763	91	54155	4.556	ug/l	99
79) 2-Chlorotoluene	12.845	91	31229	4.710	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	33890	4.276	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2565	4.184	ug/l	96
82) 4-Chlorotoluene	12.945	91	33889	4.767	ug/l	98
83) tert-Butylbenzene	13.163	119	30783	4.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	35959	4.445	ug/l	100
85) sec-Butylbenzene	13.345	105	45992	4.494	ug/l	99
86) p-Isopropyltoluene	13.457	119	37602	4.394	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	25714	4.825	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	28580	5.281	ug/l	95
89) n-Butylbenzene	13.786	91	35093	4.465	ug/l	99
90) Hexachloroethane	14.051	117	9245	5.342	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	22639	4.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1360	4.842	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	12116	4.516	ug/l	97
94) Hexachlorobutadiene	15.204	225	6301	5.011	ug/l	95
95) Naphthalene	15.333	128	22149	7.168	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	11268	4.575	ug/l	100

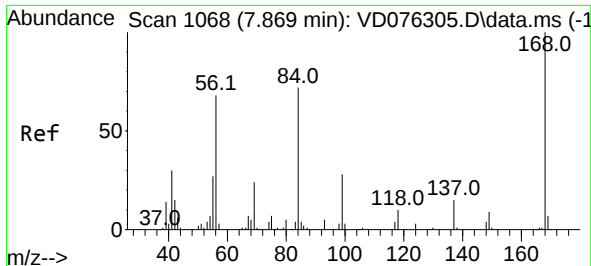
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
Data File : VD076302.D
Acq On : 01 Jun 2023 17:35
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 05:32:50 2023
Response via : Initial Calibration

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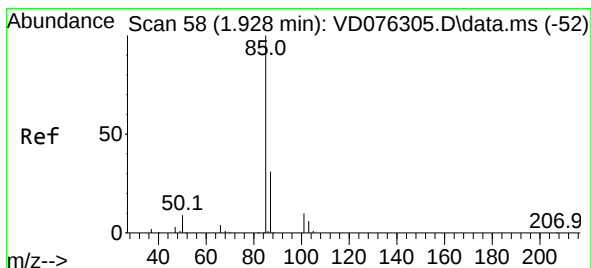
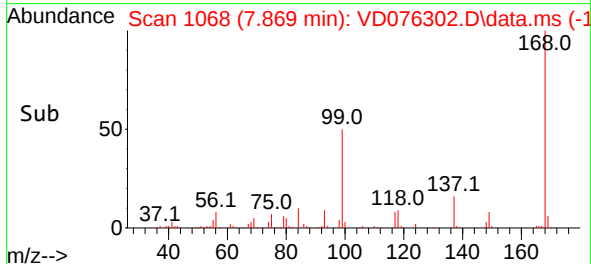
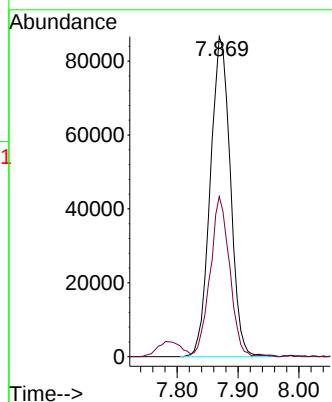
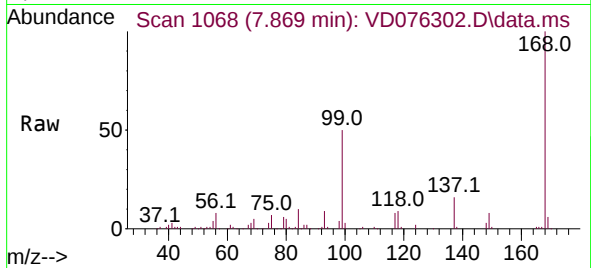
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

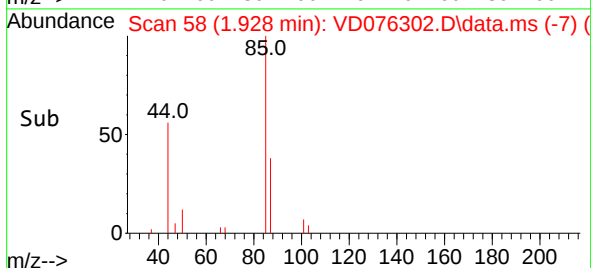
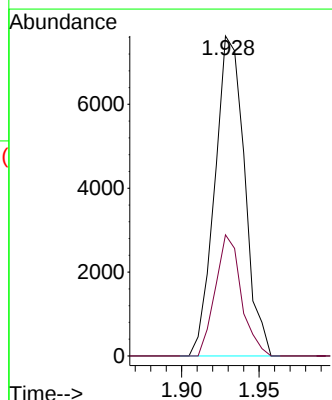
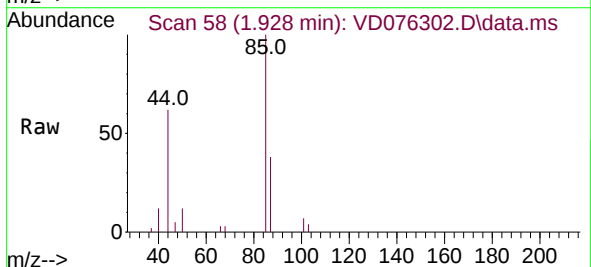
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

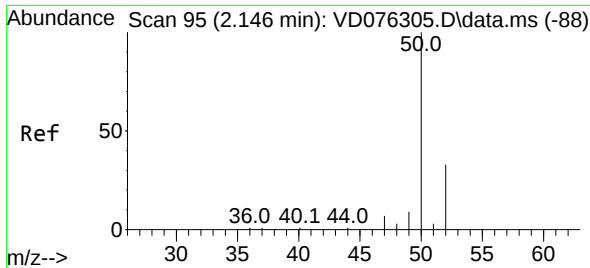
Tgt Ion:168 Resp: 198211
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 5.638 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 85 Resp: 10178
Ion Ratio Lower Upper
85 100
87 37.8 15.7 47.0

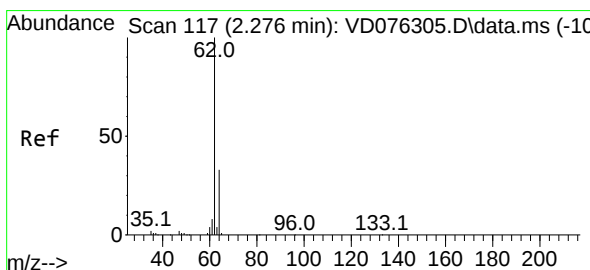
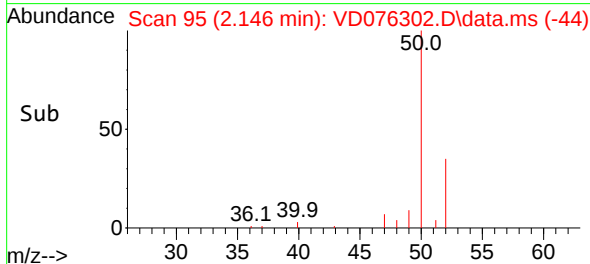
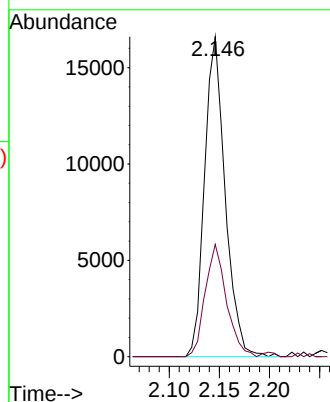
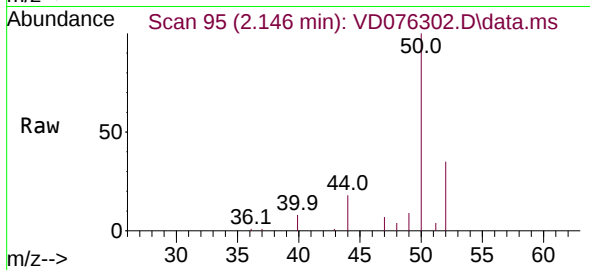




#3
Chloromethane
Concen: 3.252 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

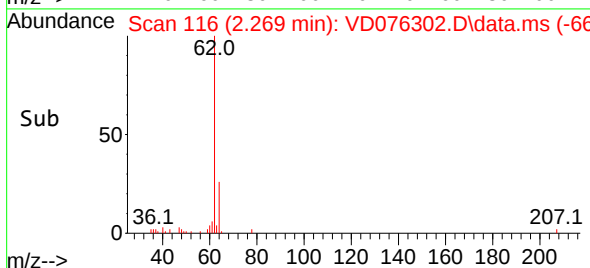
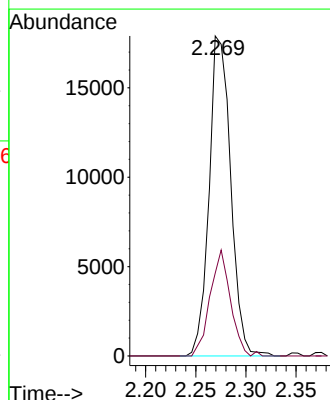
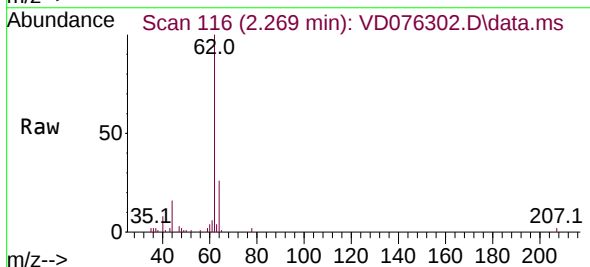
Instrument :
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ClientSampleId :
VSTDICC005

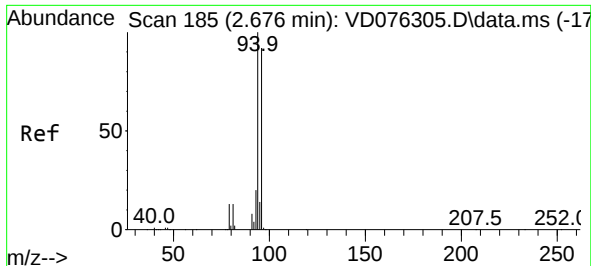
Tgt Ion: 50 Resp: 23839
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0



#4
Vinyl Chloride
Concen: 5.645 ug/l
RT: 2.269 min Scan# 116
Delta R.T. -0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 62 Resp: 26892
Ion Ratio Lower Upper
62 100
64 25.9 26.0 39.0#

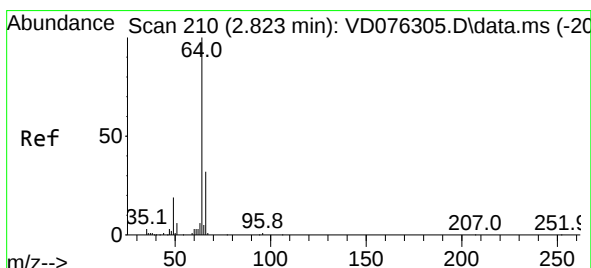
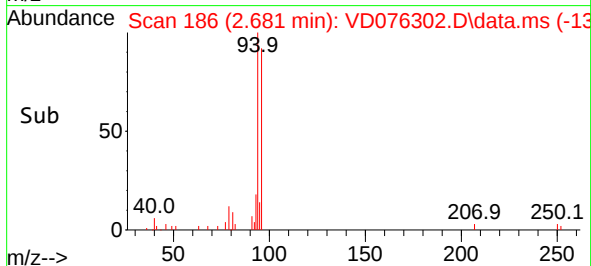
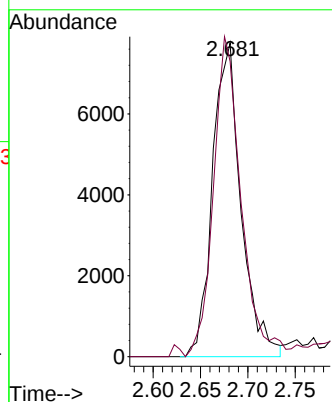
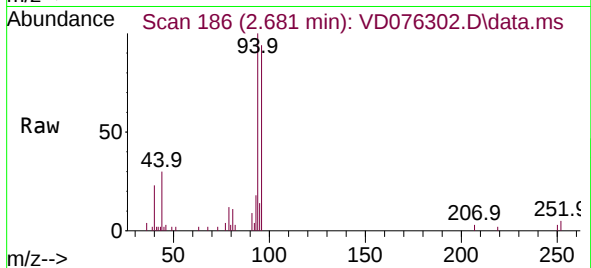




#5
Bromomethane
Concen: 6.166 ug/l
RT: 2.681 min Scan# 185
Delta R.T. 0.005 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

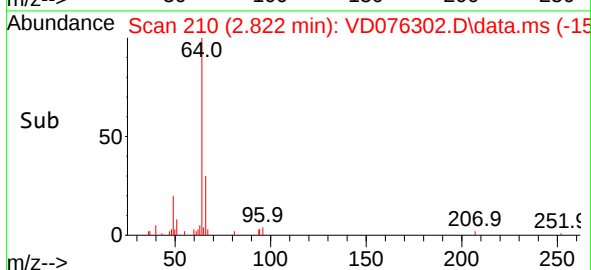
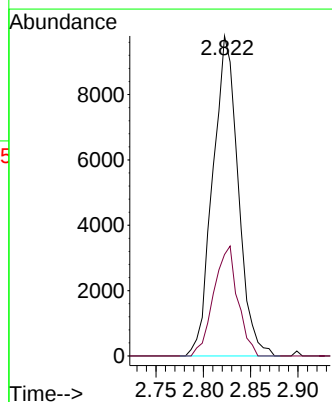
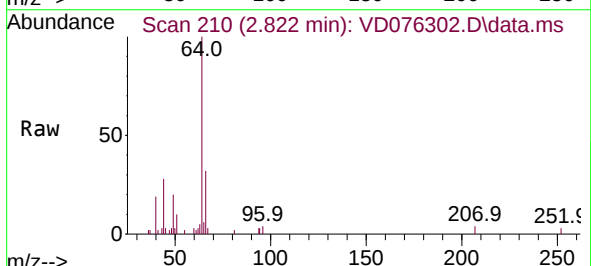
Instrument :
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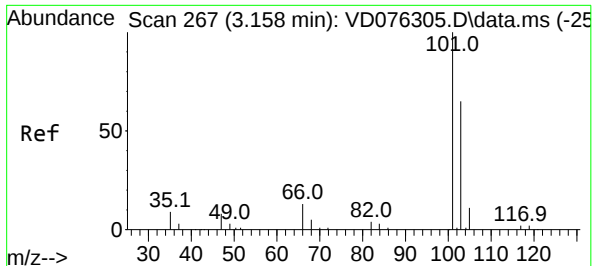
Tgt Ion: 94 Resp: 16227
Ion Ratio Lower Upper
94 100
96 99.2 75.8 113.8



#6
Chloroethane
Concen: 4.449 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.001 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 64 Resp: 18270
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3

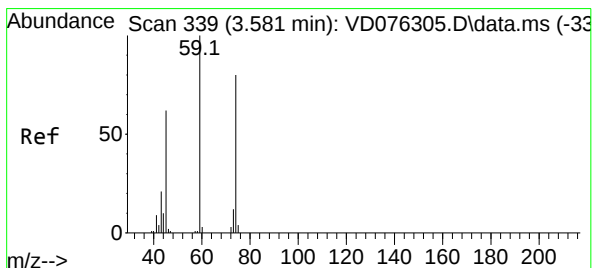
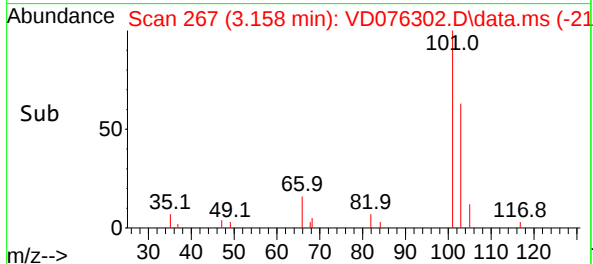
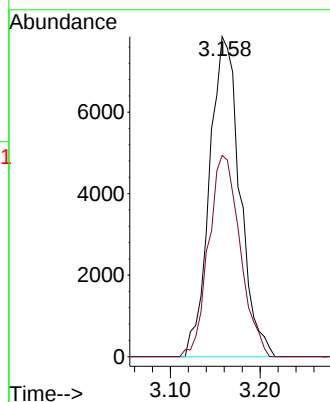
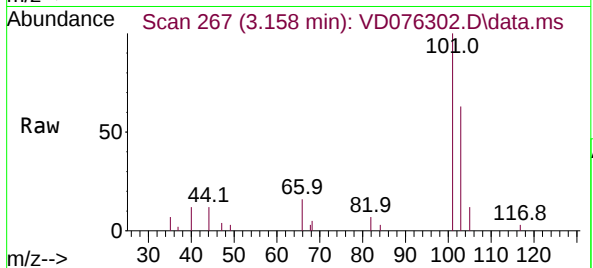




#7
 Trichlorofluoromethane
 Concen: 5.637 ug/l
 RT: 3.158 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VD076302.D
 Acq: 01 Jun 2023 17:35

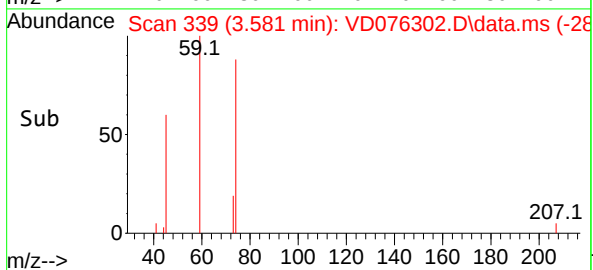
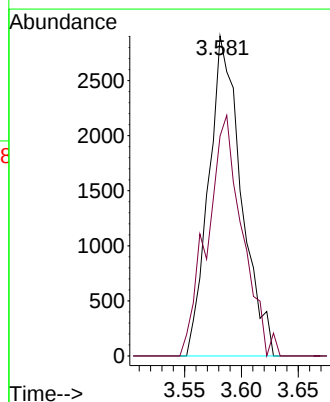
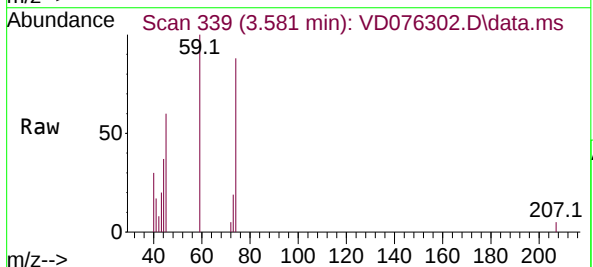
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 ClientSampleId :
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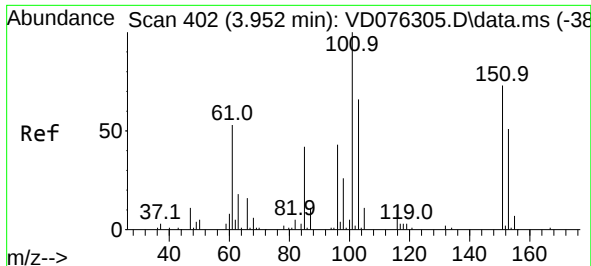
Tgt Ion:101 Resp: 18419
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.003 ug/l
 RT: 3.581 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VD076302.D
 Acq: 01 Jun 2023 17:35

Tgt Ion: 74 Resp: 5800
 Ion Ratio Lower Upper
 74 100
 45 80.8 37.5 112.7

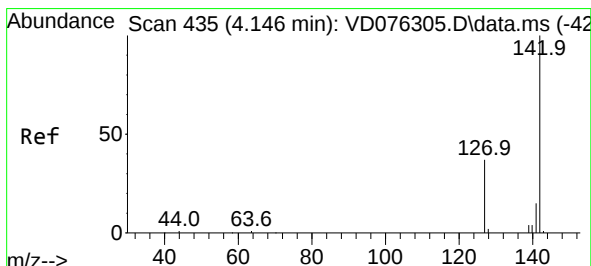
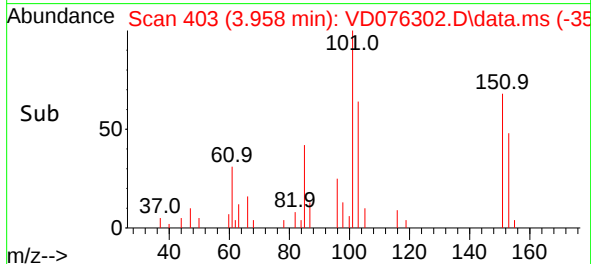
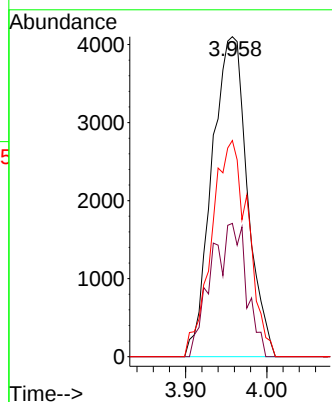
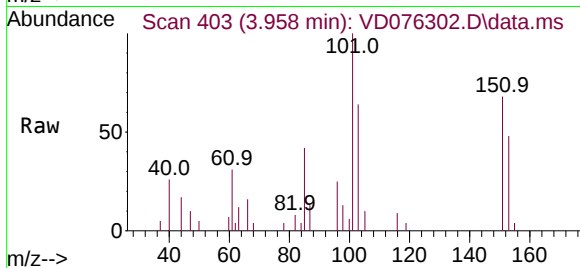




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.844 ug/l
RT: 3.958 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

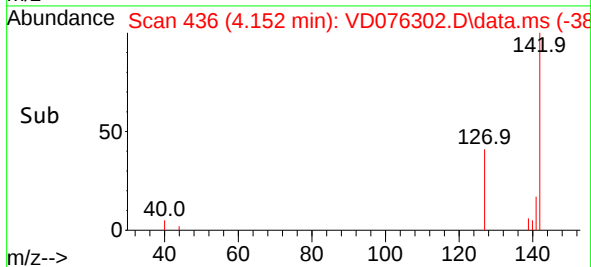
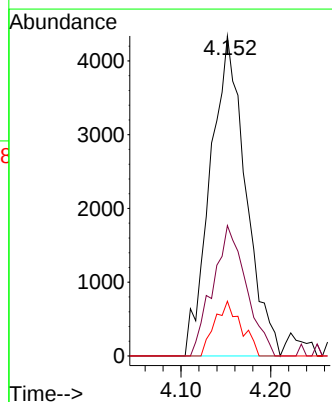
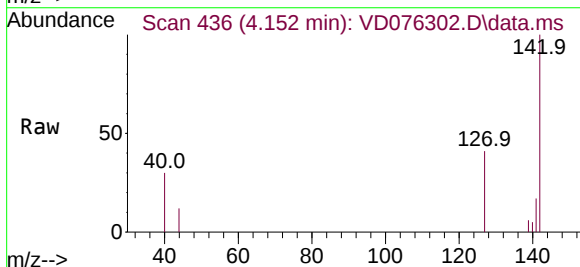
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

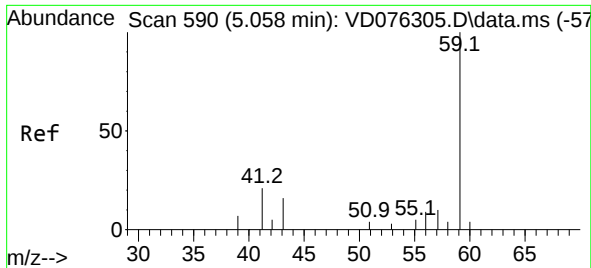
Tgt Ion:	101	Resp:	12426
Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.8	50.6
151	69.9	59.8	89.6



#10
Methyl Iodide
Concen: 4.776 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:	142	Resp:	11872
Ion	Ratio	Lower	Upper
142	100		
127	38.5	29.4	44.0
141	12.8	11.1	16.7

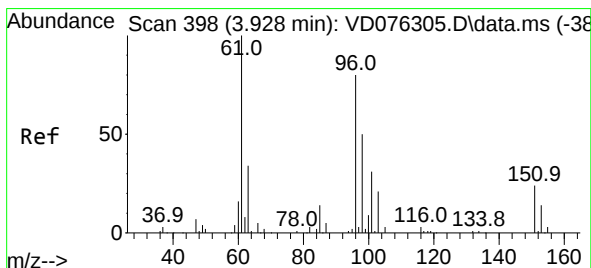
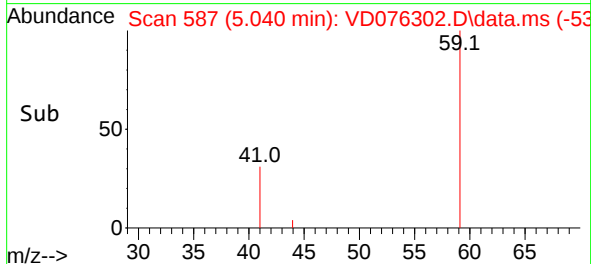
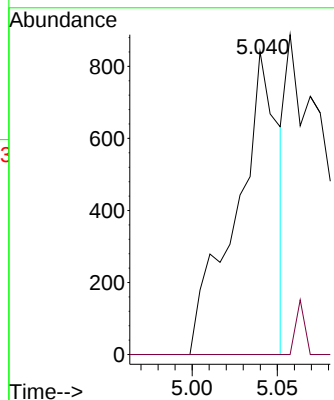
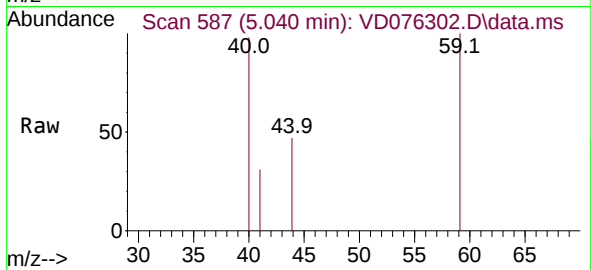




#11
Tert butyl alcohol
Concen: 11.759 ug/l
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

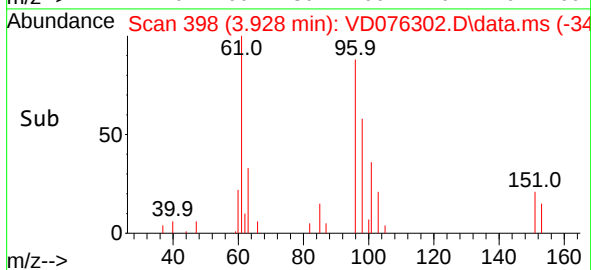
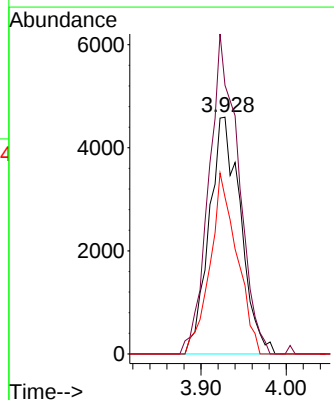
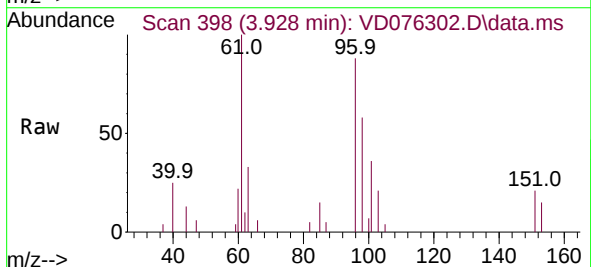
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

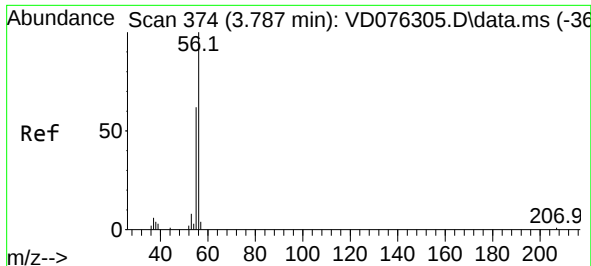
Tgt Ion: 59 Resp: 1446
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.334 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 96 Resp: 11778
Ion Ratio Lower Upper
96 100
61 113.5 100.6 150.8
98 66.2 50.2 75.2

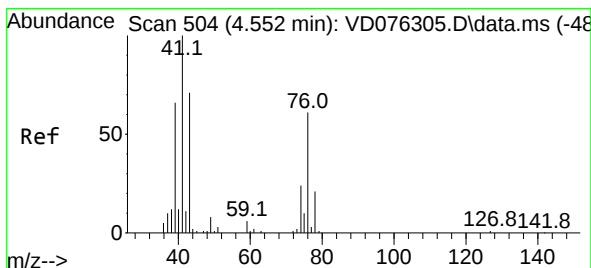
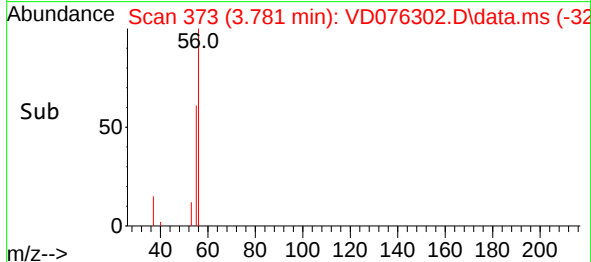
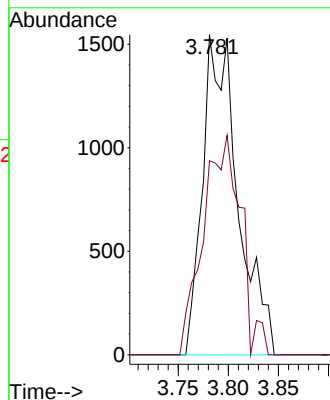
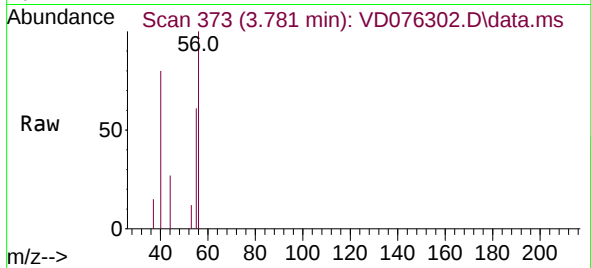




#13
Acrolein
Concen: 12.331 ug/l
RT: 3.781 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

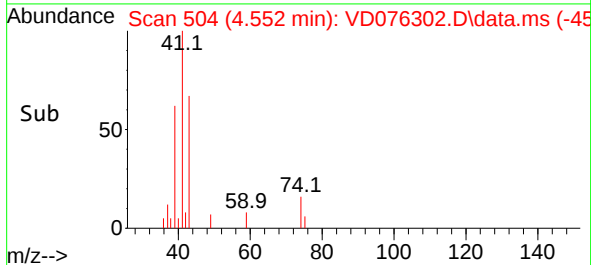
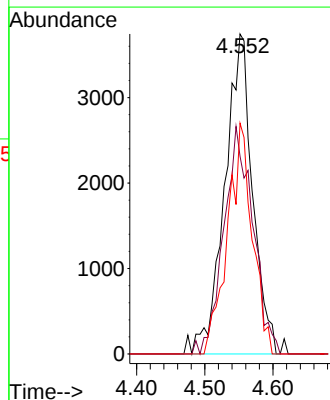
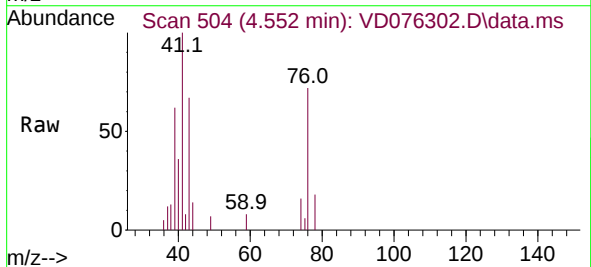
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

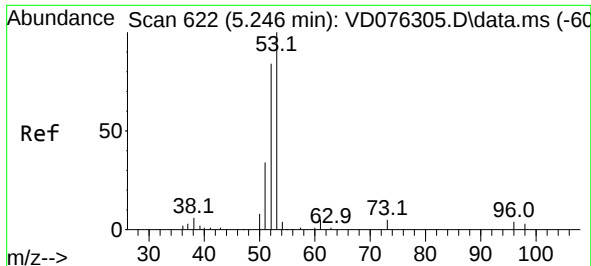
Tgt Ion: 56 Resp: 3775
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7



#14
Allyl chloride
Concen: 4.878 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 41 Resp: 10672
Ion Ratio Lower Upper
41 100
39 74.3 53.8 80.6
76 63.8 45.8 68.8

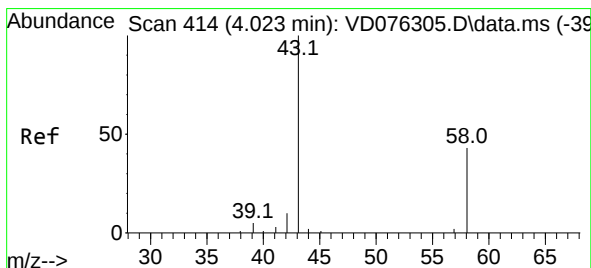
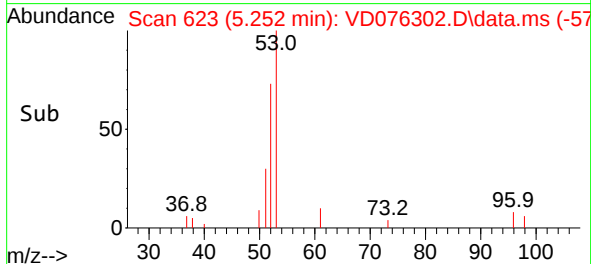
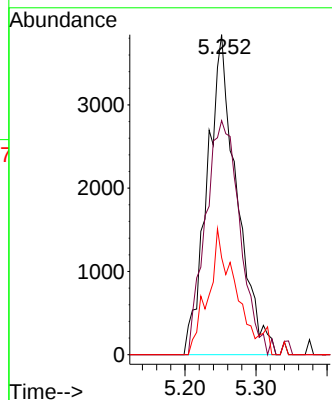
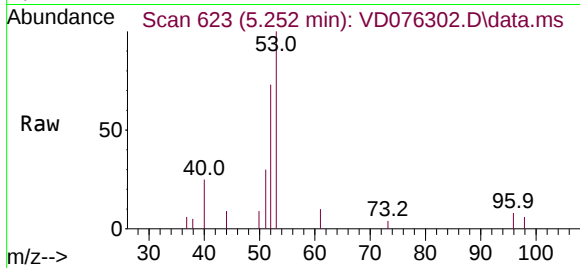




#15
Acrylonitrile
Concen: 23.246 ug/l
RT: 5.252 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

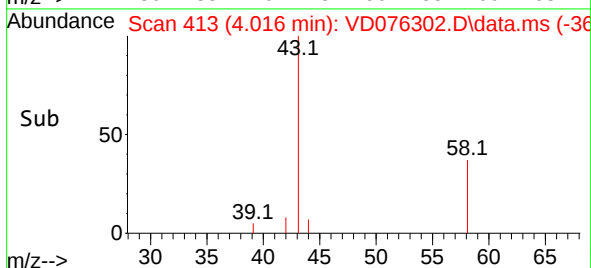
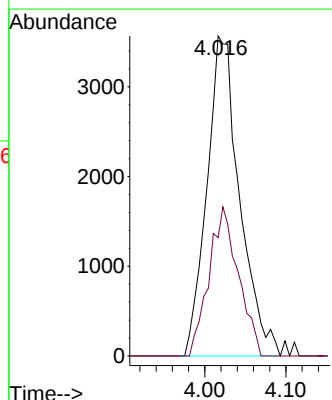
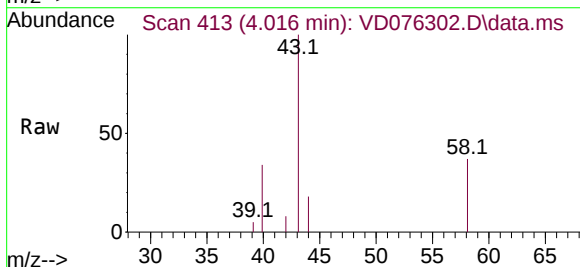
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

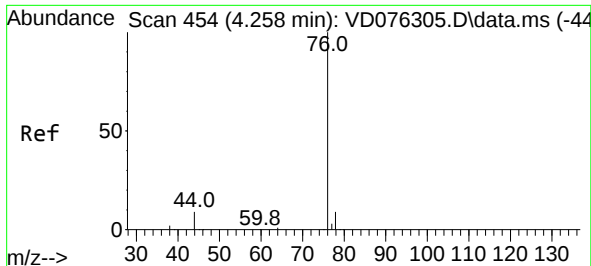
Tgt Ion: 53	Resp: 11147
Ion Ratio	Lower Upper
53 100	
52 85.0	65.0 97.4
51 35.1	28.3 42.5



#16
Acetone
Concen: 15.078 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 43	Resp: 10008
Ion Ratio	Lower Upper
43 100	
58 37.0	34.7 52.1

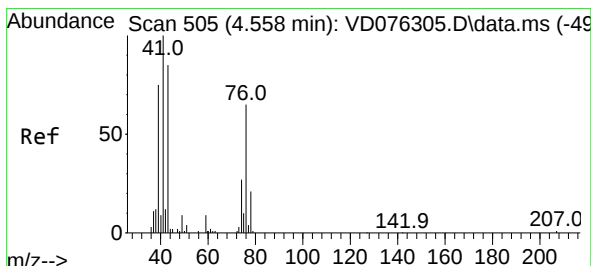
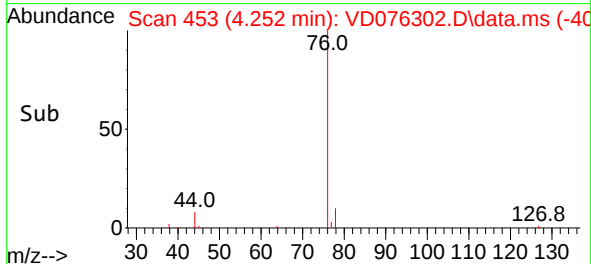
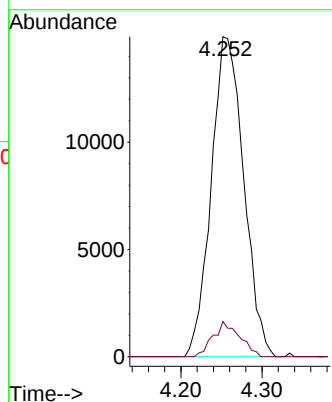
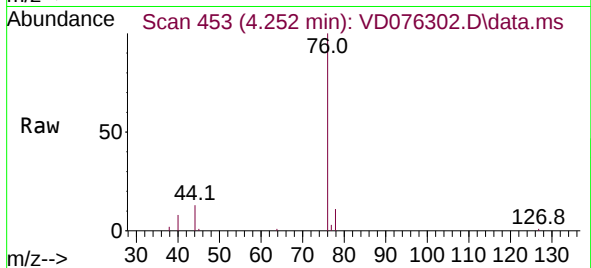




#17
Carbon Disulfide
Concen: 5.631 ug/l
RT: 4.252 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

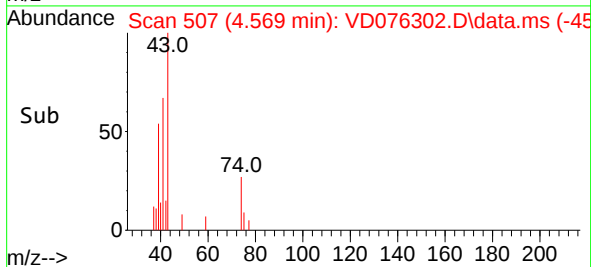
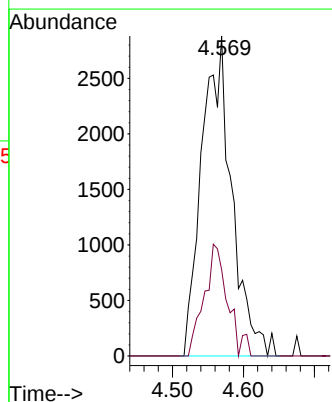
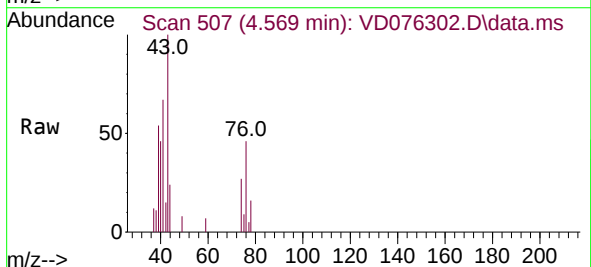
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

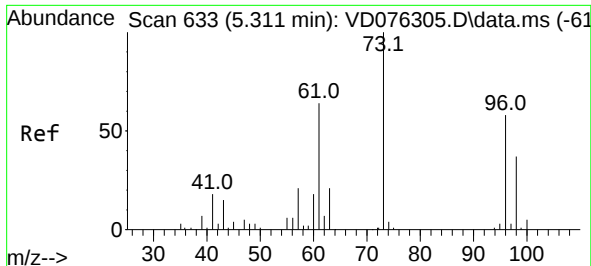
Tgt Ion: 76 Resp: 41392
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#



#18
Methyl Acetate
Concen: 5.222 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 43 Resp: 8496
Ion Ratio Lower Upper
43 100
74 27.2 26.4 39.6

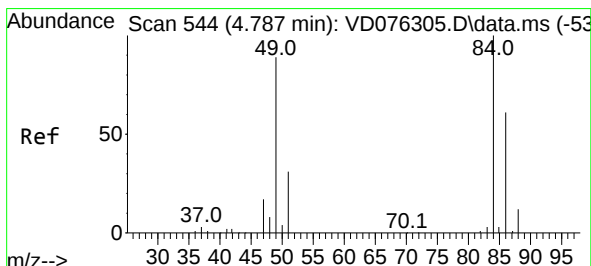
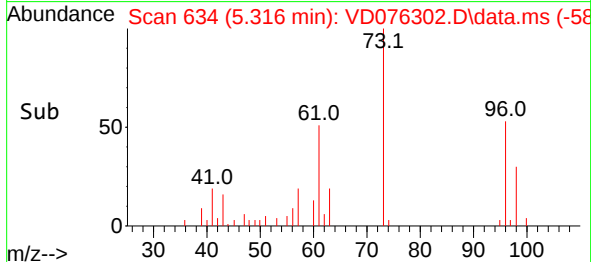
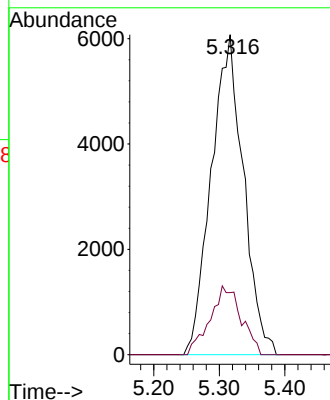
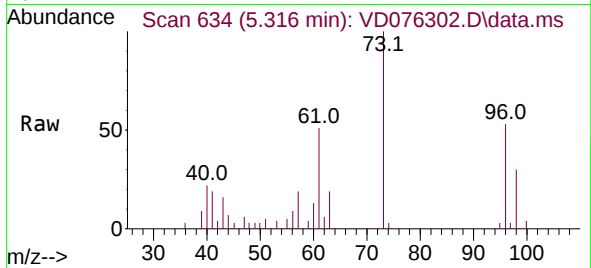




#19
Methyl tert-butyl Ether
Concen: 4.643 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

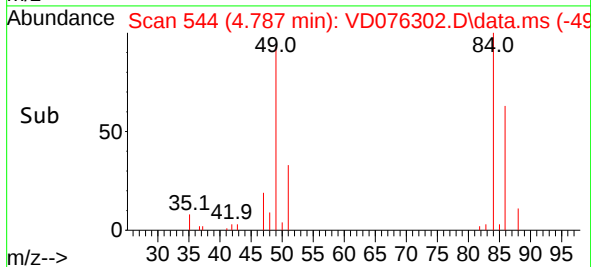
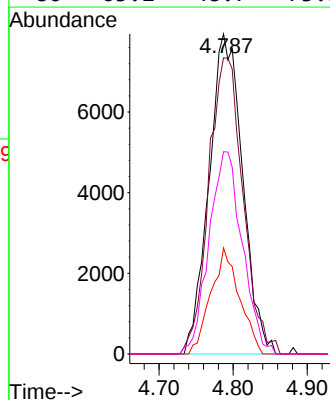
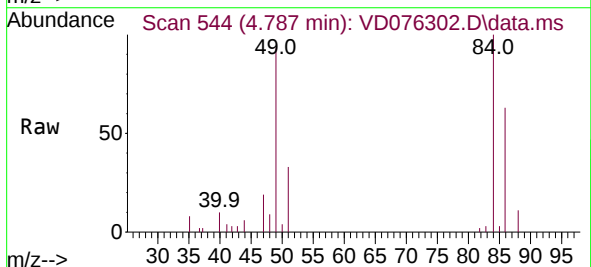
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

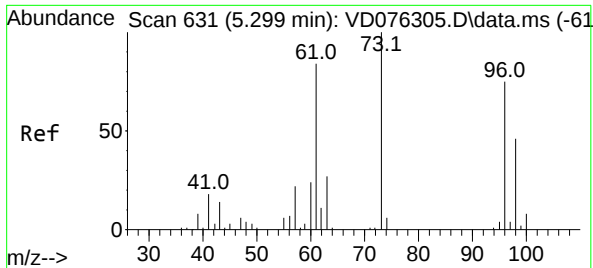
Tgt Ion: 73 Resp: 20689
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: 2.761 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 84 Resp: 25003
Ion Ratio Lower Upper
84 100
49 92.5 71.4 107.2
51 33.2 24.5 36.7
86 63.2 48.7 73.1

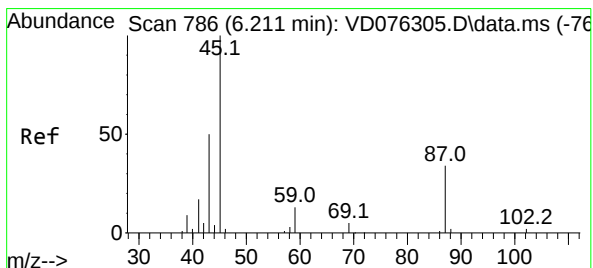
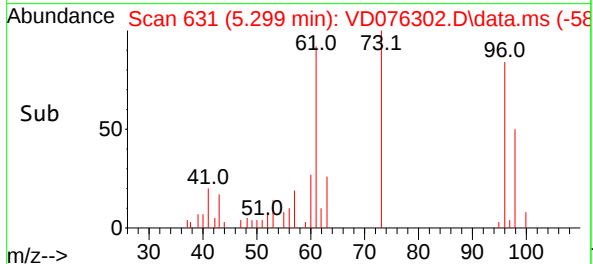
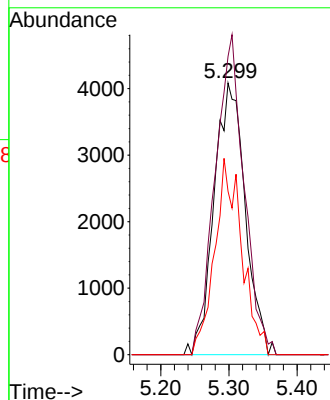
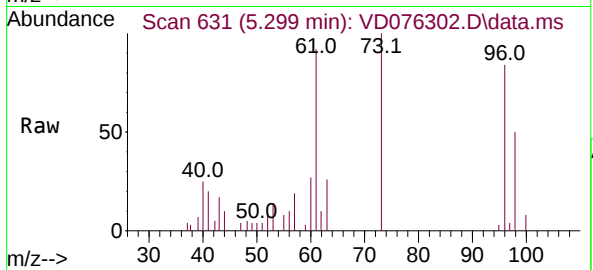




#21
trans-1,2-Dichloroethene
Concen: 5.061 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

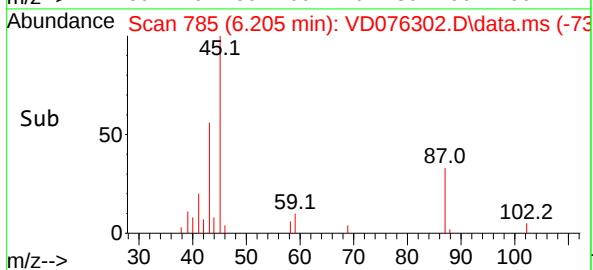
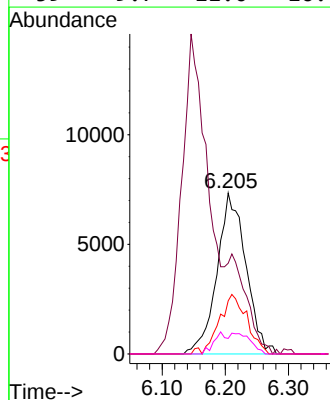
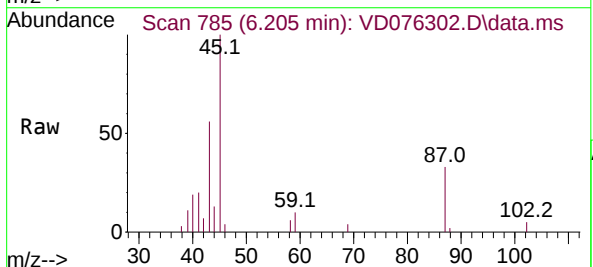
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

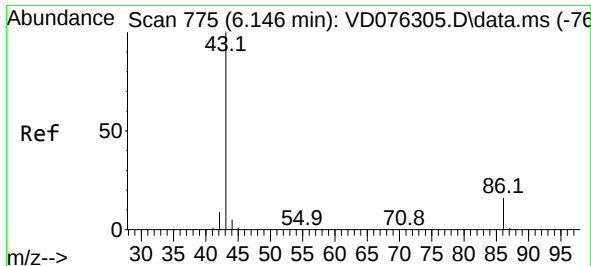
Tgt Ion:	96	Resp:	12984
Ion	Ratio	Lower	Upper
96	100		
61	109.8	89.3	133.9
98	60.2	48.6	73.0



#22
Diisopropyl ether
Concen: 4.487 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:	45	Resp:	23294
Ion	Ratio	Lower	Upper
45	100		
43	56.4	40.0	60.0
87	33.0	28.2	42.4
59	9.7	11.0	16.4

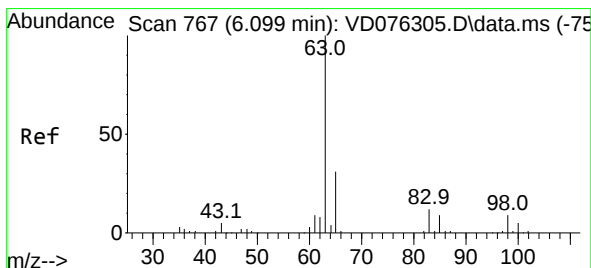
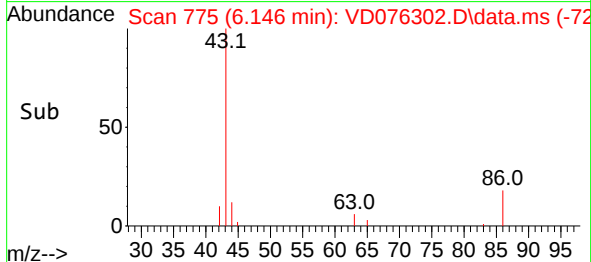
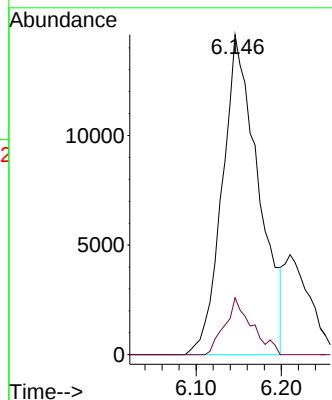
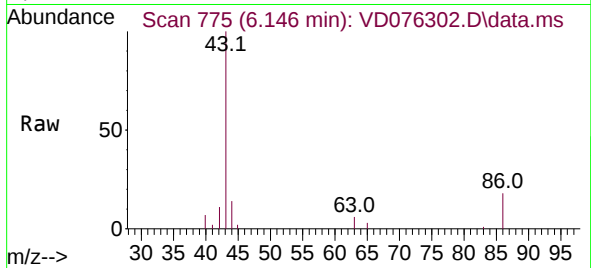




#23
 Vinyl Acetate
 Concen: 17.619 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VD076302.D
 Acq: 01 Jun 2023 17:35

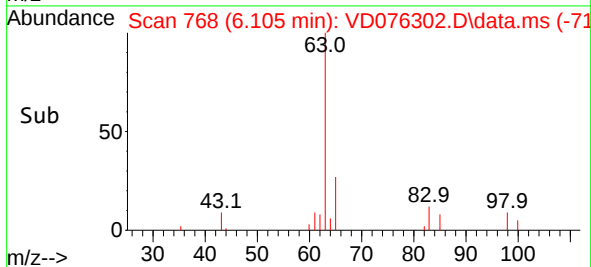
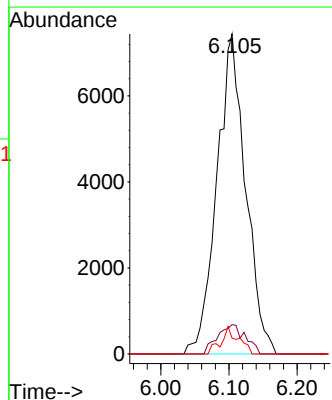
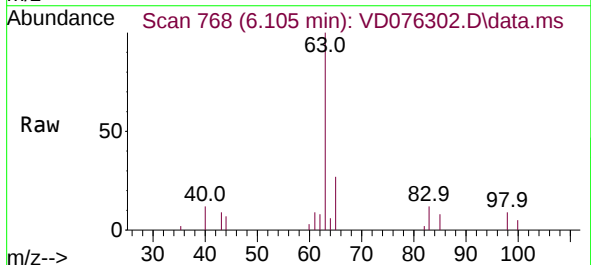
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

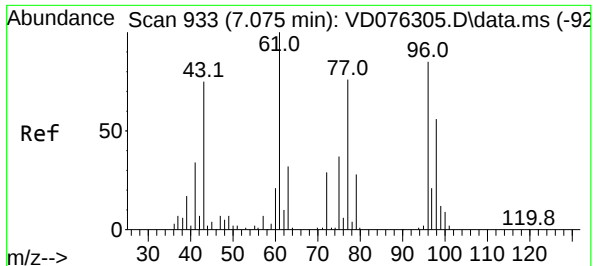
Tgt Ion: 43 Resp: 43093
 Ion Ratio Lower Upper
 43 100
 86 17.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.357 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VD076302.D
 Acq: 01 Jun 2023 17:35

Tgt Ion: 63 Resp: 21794
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 24.190 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

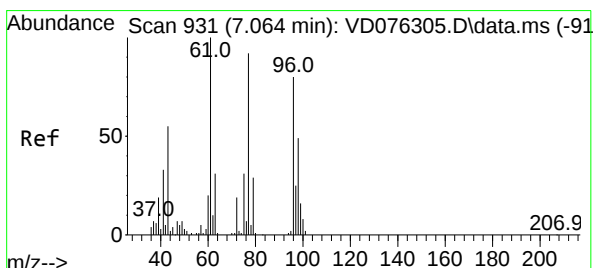
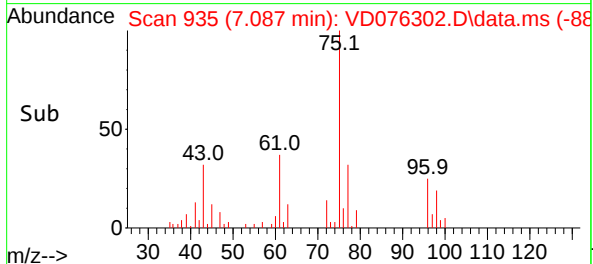
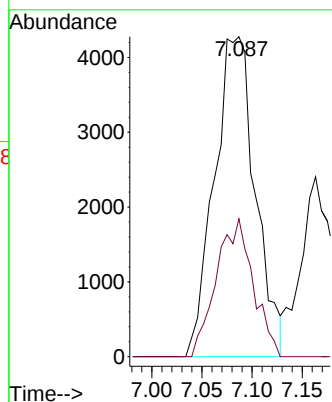
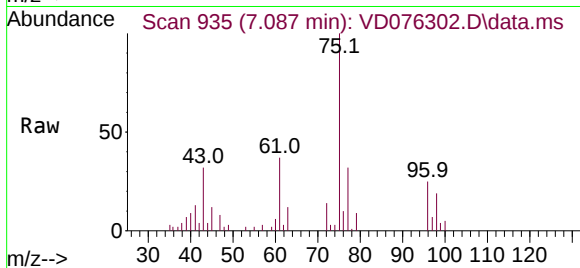
VSTDIC005

Tgt Ion: 43 Resp: 12193

Ion Ratio Lower Upper

43 100

72 43.1 30.7 46.1



#26

2,2-Dichloropropane

Concen: 5.640 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.000 min

Lab File: VD076302.D

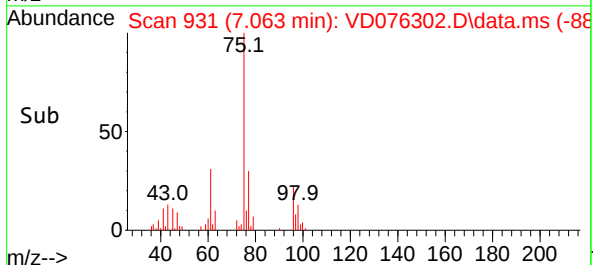
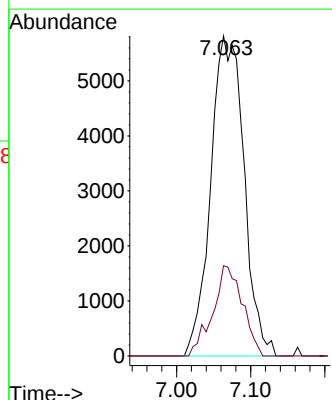
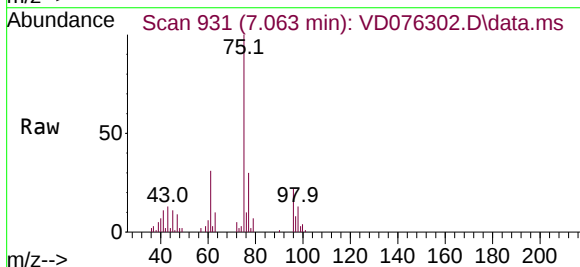
Acq: 01 Jun 2023 17:35

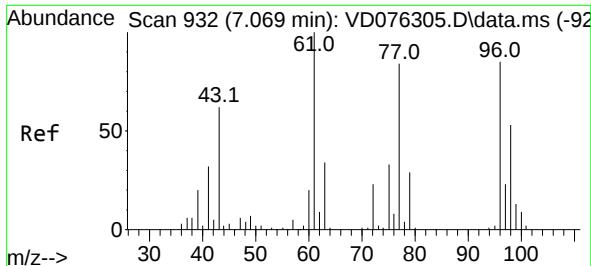
Tgt Ion: 77 Resp: 18129

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 4.876 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

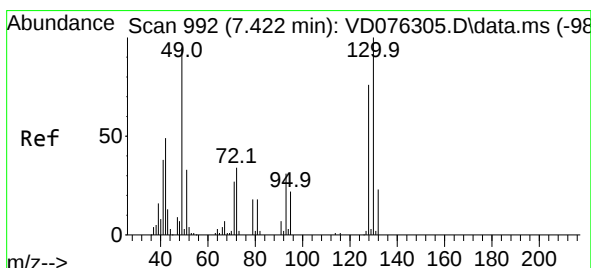
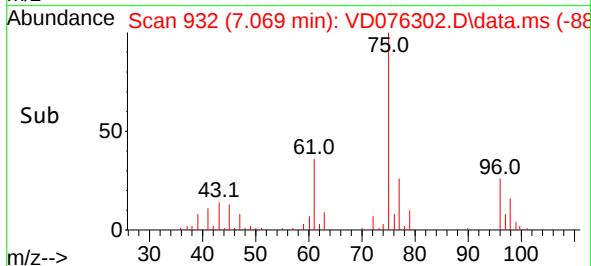
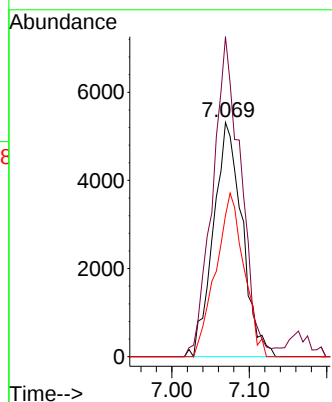
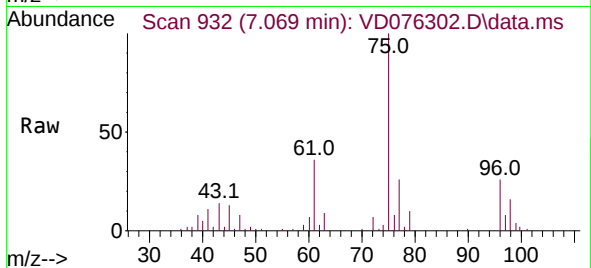
Tgt Ion: 96 Resp: 13707

Ion Ratio Lower Upper

96 100

61 135.4 0.0 239.2

98 68.6 0.0 128.6



#28

Bromochloromethane

Concen: 4.635 ug/l

RT: 7.410 min Scan# 990

Delta R.T. -0.012 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

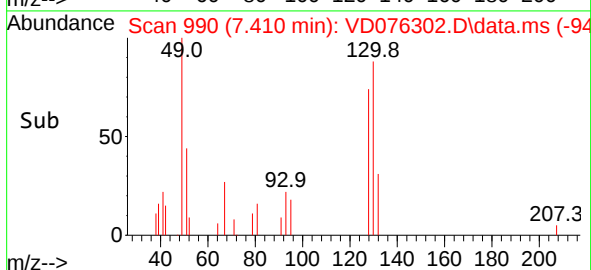
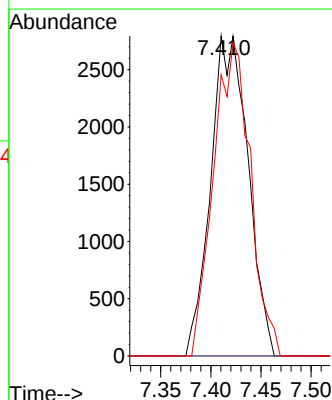
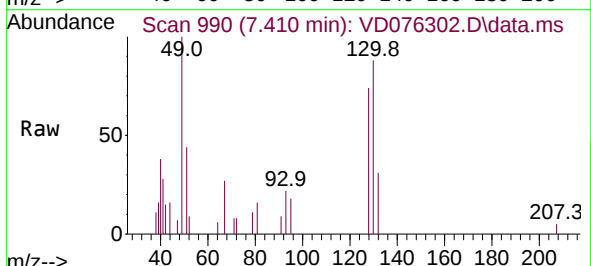
Tgt Ion: 49 Resp: 7255

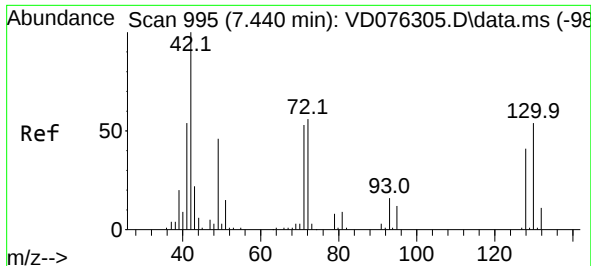
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 96.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 21.561 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

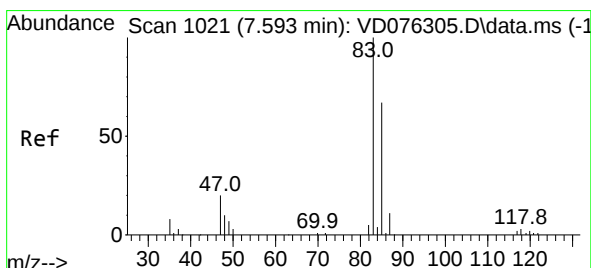
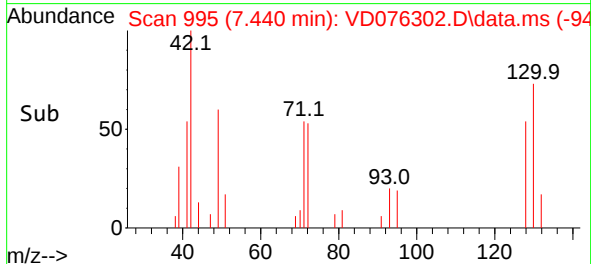
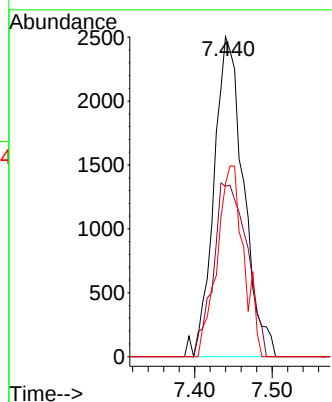
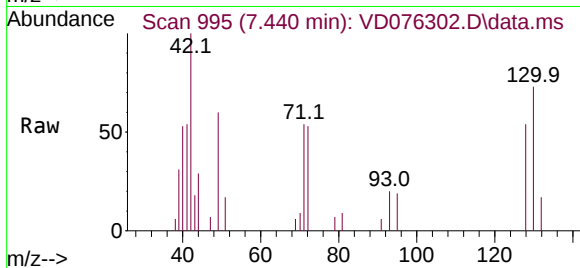
Tgt Ion: 42 Resp: 6678

Ion Ratio Lower Upper

42 100

72 61.6 46.5 69.7

71 53.8 44.5 66.7



#30

Chloroform

Concen: 5.409 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076302.D

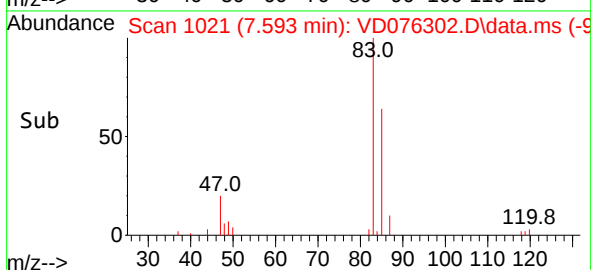
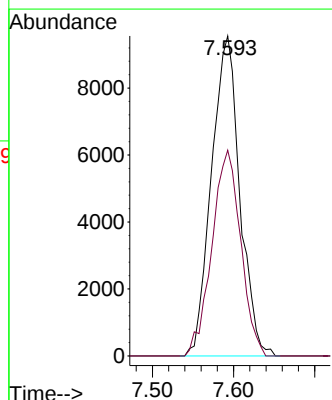
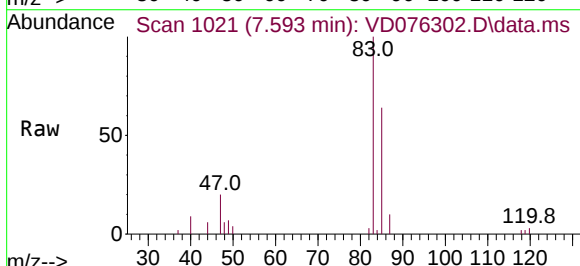
Acq: 01 Jun 2023 17:35

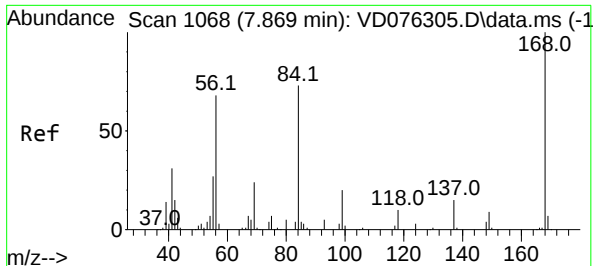
Tgt Ion: 83 Resp: 23152

Ion Ratio Lower Upper

83 100

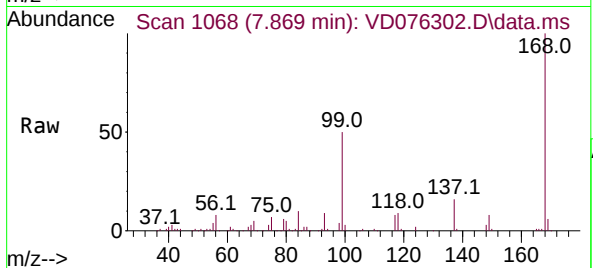
85 64.3 53.4 80.2



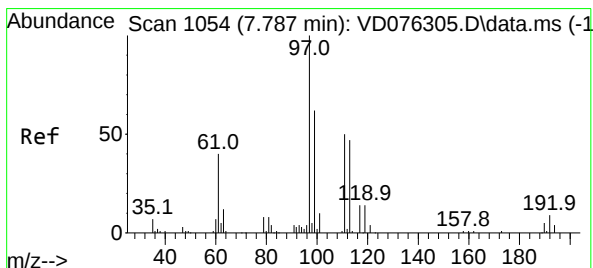
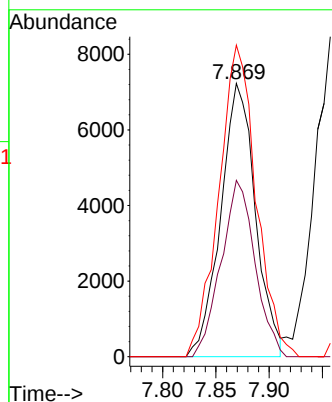
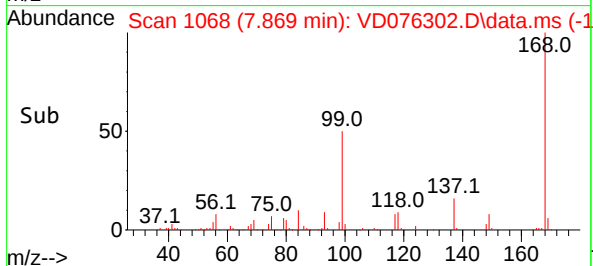


#31
Cyclohexane
Concen: 5.509 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

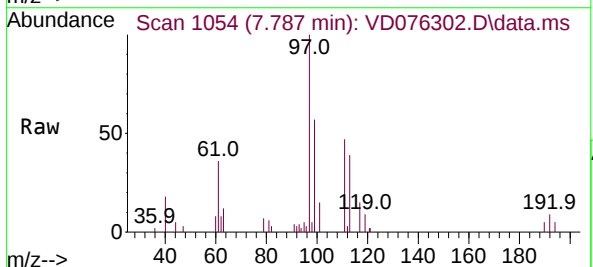
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



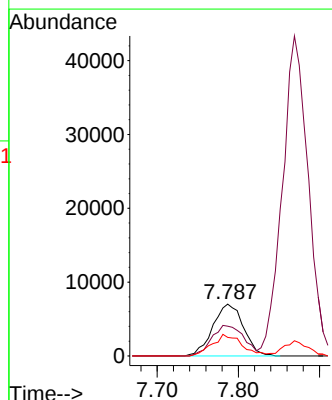
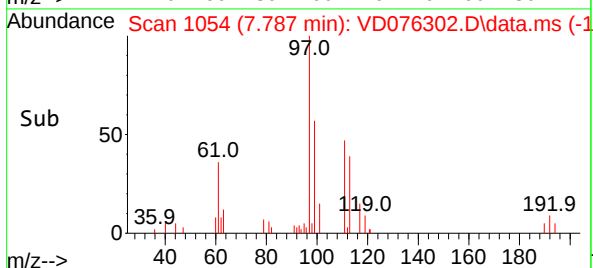
Tgt Ion: 56 Resp: 16379
Ion Ratio Lower Upper
56 100
69 64.5 28.6 43.0#
84 114.0 84.8 127.2

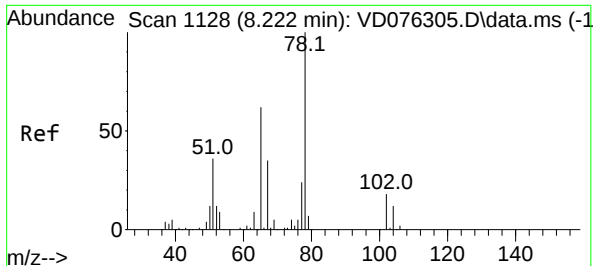


#32
1,1,1-Trichloroethane
Concen: 5.496 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35



Tgt Ion: 97 Resp: 18382
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.076 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

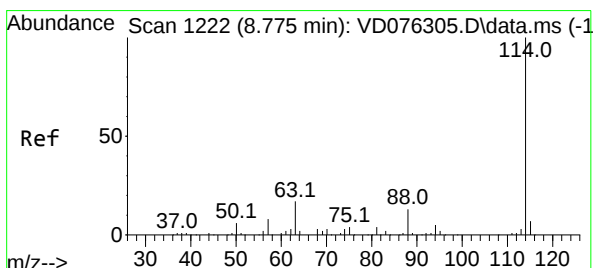
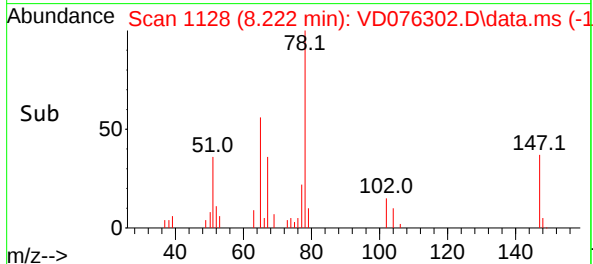
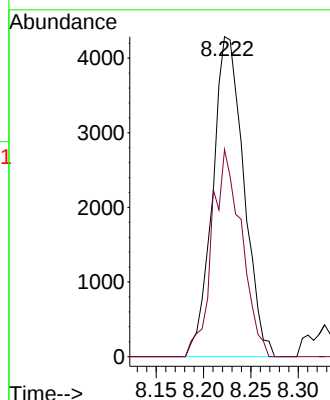
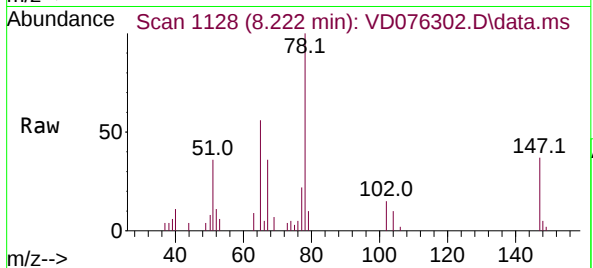
VSTDIC005

Tgt Ion: 65 Resp: 9805

Ion Ratio Lower Upper

65 100

67 61.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

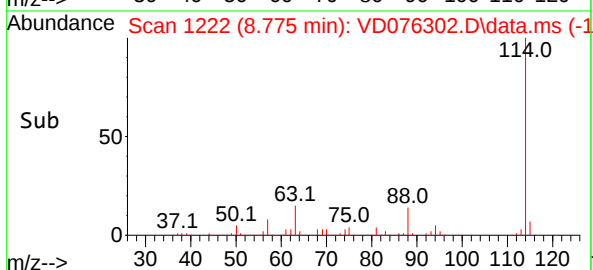
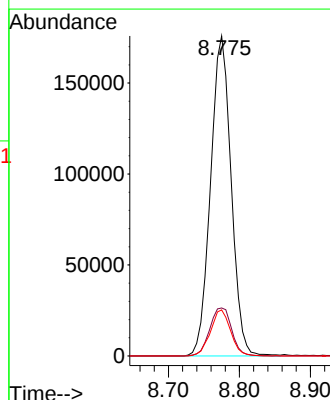
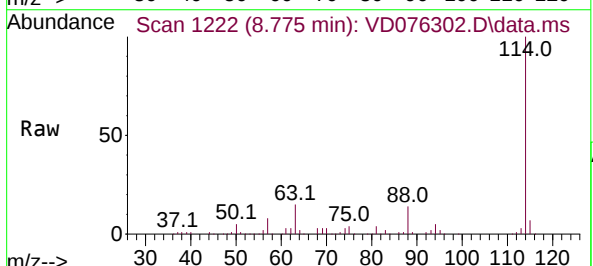
Tgt Ion: 114 Resp: 353726

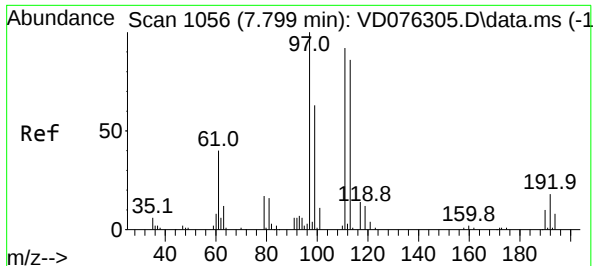
Ion Ratio Lower Upper

114 100

63 15.0 0.0 33.4

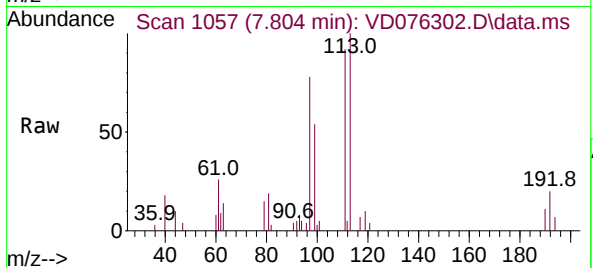
88 14.4 0.0 26.2



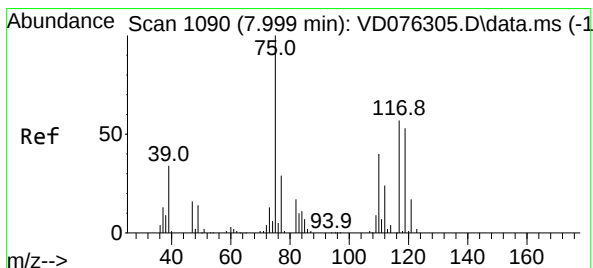
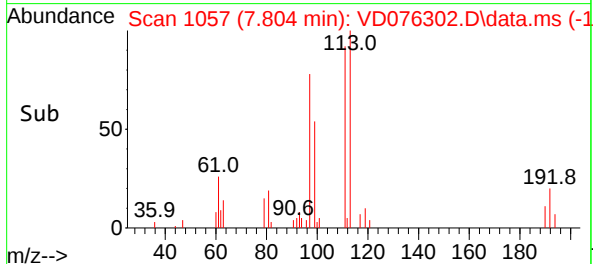
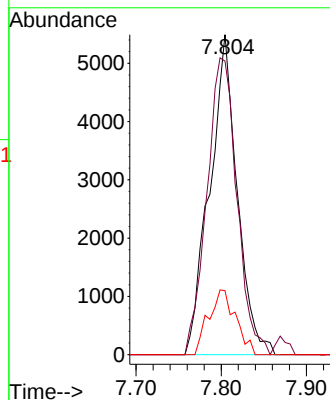


#35
Dibromofluoromethane
Concen: 5.303 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

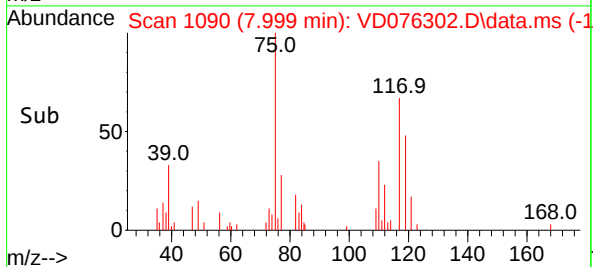
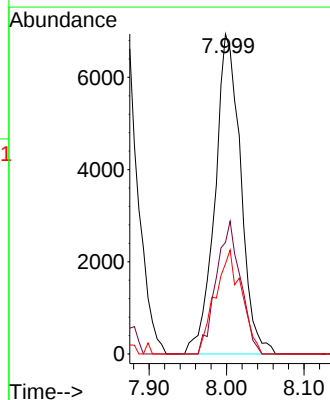
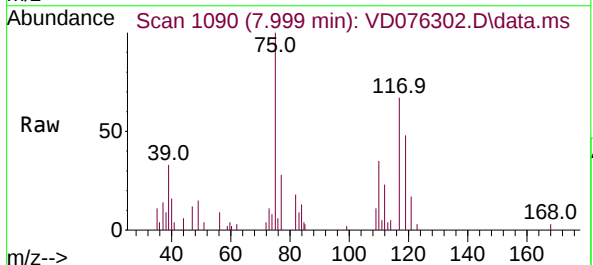


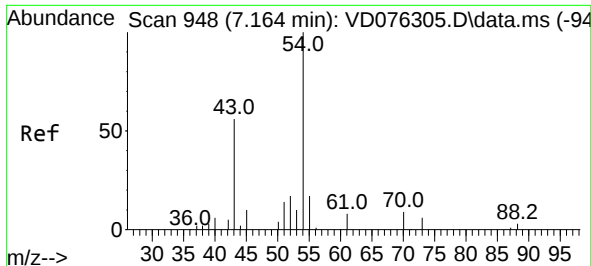
Tgt Ion:113 Resp: 12382
Ion Ratio Lower Upper
113 100
111 100.7 84.7 127.1
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 75 Resp: 16004
Ion Ratio Lower Upper
75 100
110 39.1 19.9 59.6
77 33.2 24.7 37.1





#37

Ethyl Acetate

Concen: 4.691 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

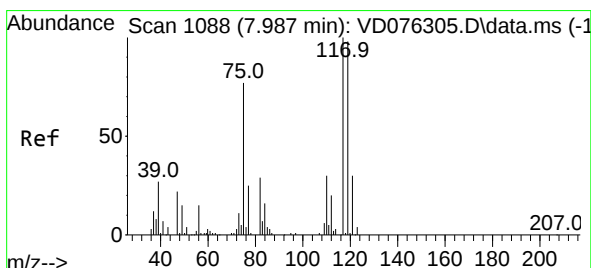
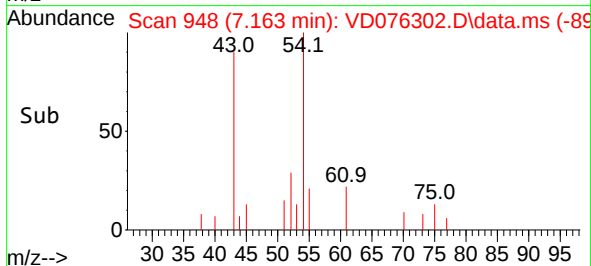
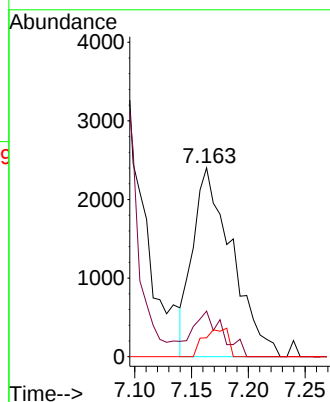
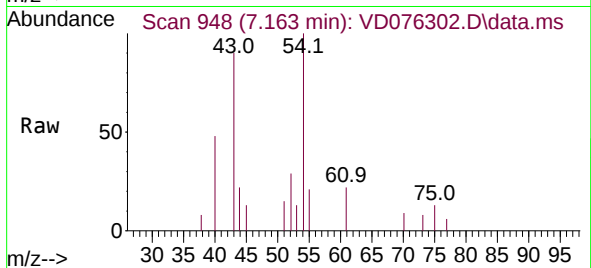
Tgt Ion: 43 Resp: 5744

Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

70 9.2 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.056 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

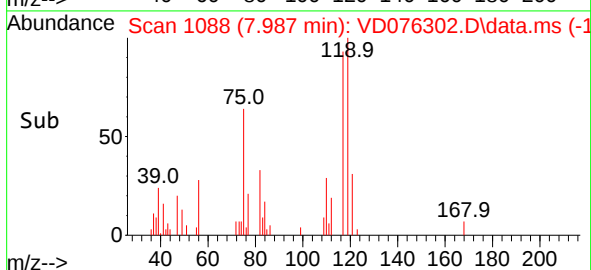
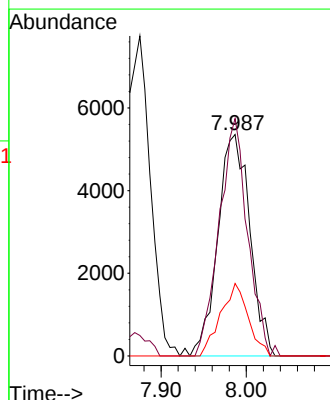
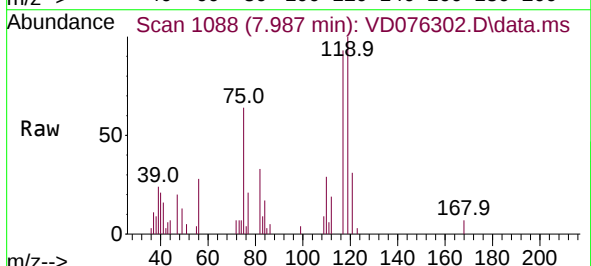
Tgt Ion: 117 Resp: 14060

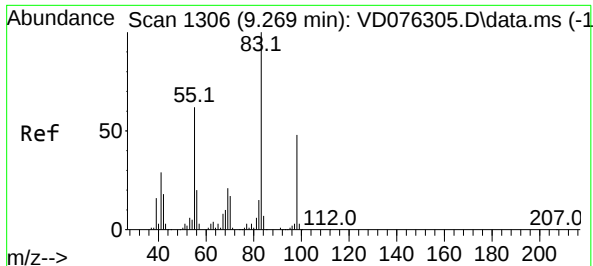
Ion Ratio Lower Upper

117 100

119 107.3 78.0 117.0

121 32.7 24.2 36.2





#39

Methylcyclohexane

Concen: 4.652 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

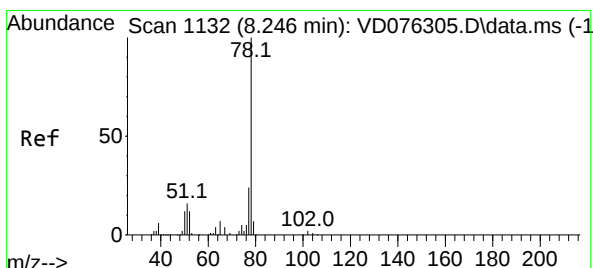
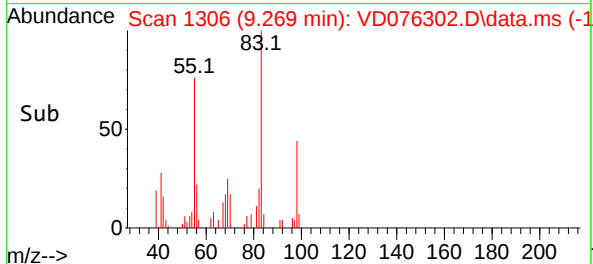
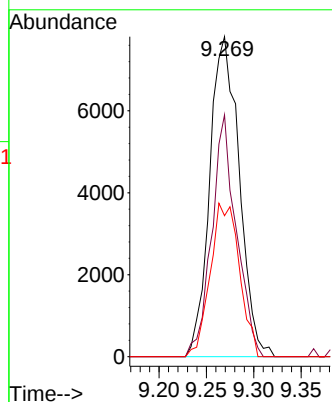
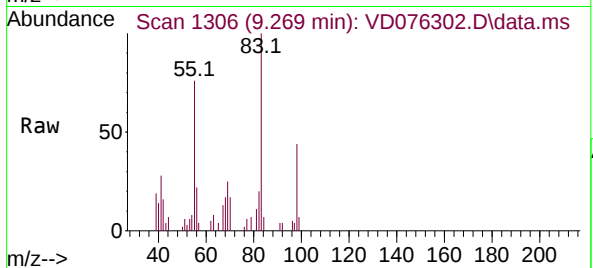
Tgt Ion: 83 Resp: 16927

Ion Ratio Lower Upper

83 100

55 75.5 49.4 74.0#

98 44.1 38.4 57.6



#40

Benzene

Concen: 4.963 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076302.D

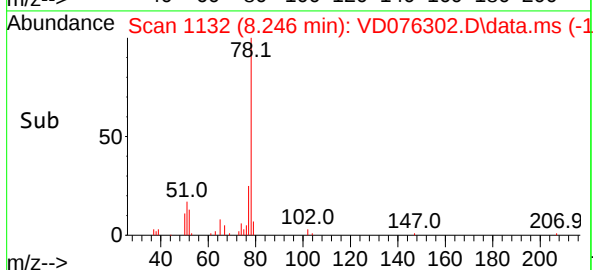
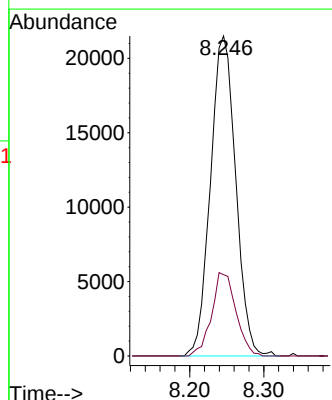
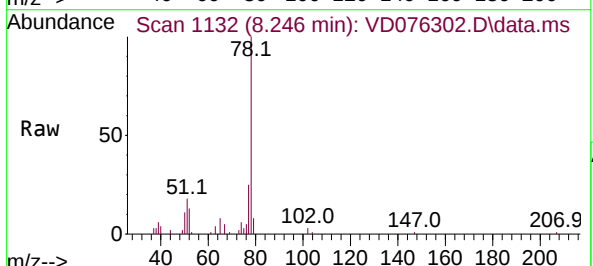
Acq: 01 Jun 2023 17:35

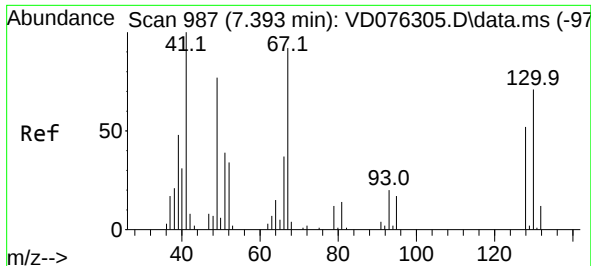
Tgt Ion: 78 Resp: 50867

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

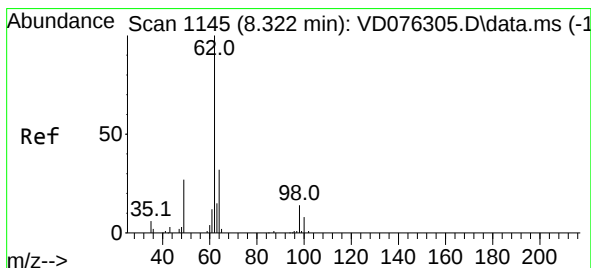
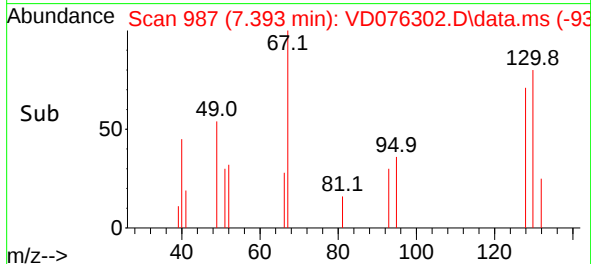
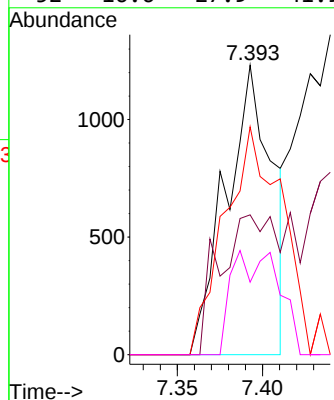
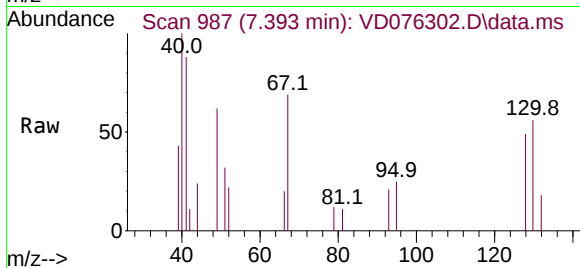




#41
Methacrylonitrile
Concen: 3.749 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

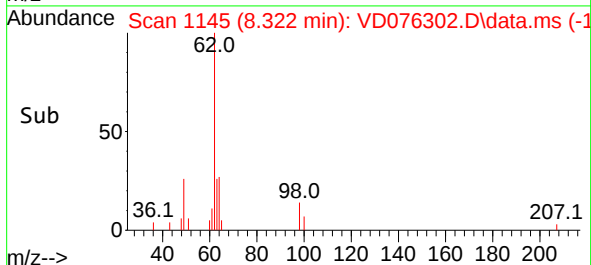
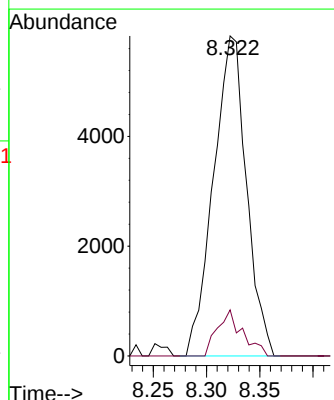
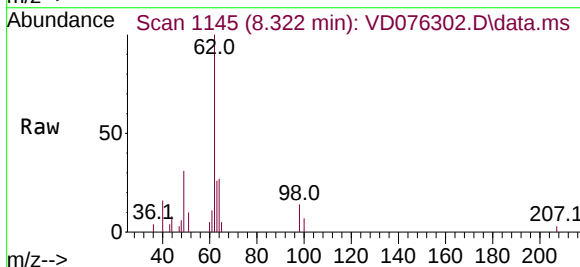
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

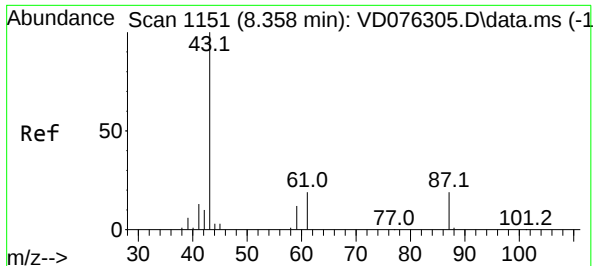
Tgt Ion: 41 Resp: 2316
Ion Ratio Lower Upper
41 100
39 59.7 34.0 51.0#
67 99.6 77.0 115.4
52 16.6 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.044 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 62 Resp: 12564
Ion Ratio Lower Upper
62 100
98 10.9 0.0 25.4





#43

Isopropyl Acetate

Concen: 4.744 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

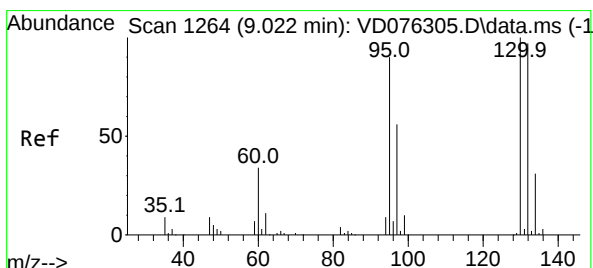
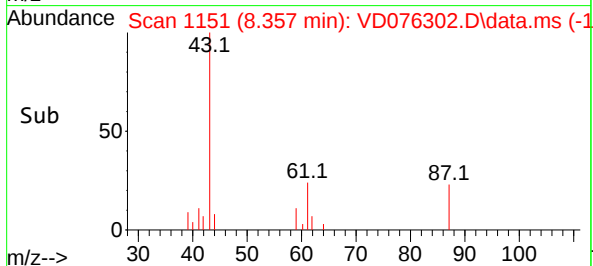
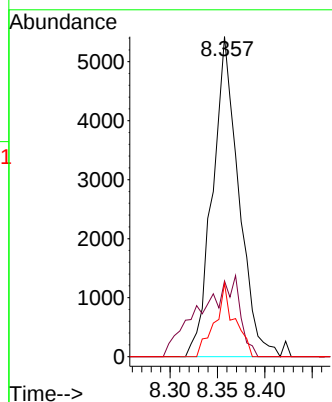
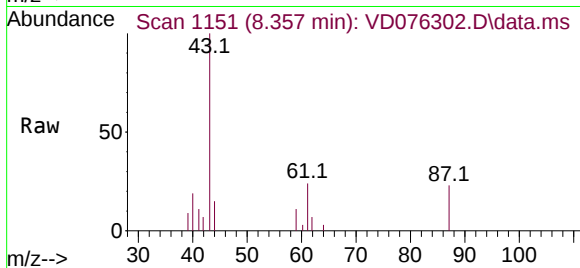
Tgt Ion: 43 Resp: 10458

Ion Ratio Lower Upper

43 100

61 38.4 31.4 47.0

87 17.1 14.9 22.3



#44

Trichloroethene

Concen: 5.206 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD076302.D

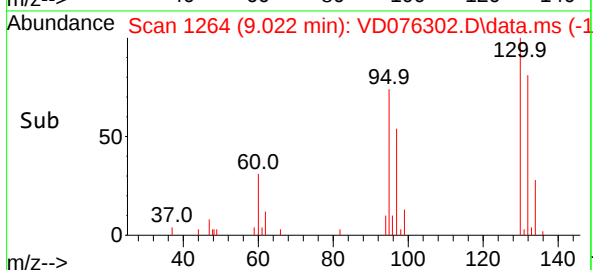
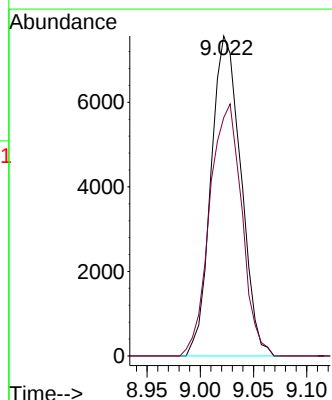
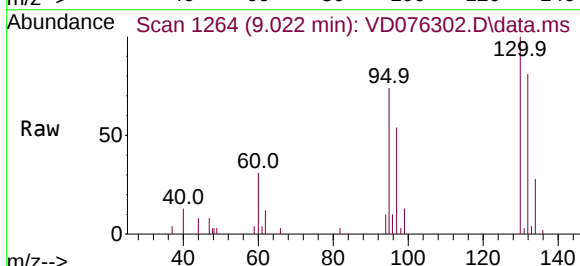
Acq: 01 Jun 2023 17:35

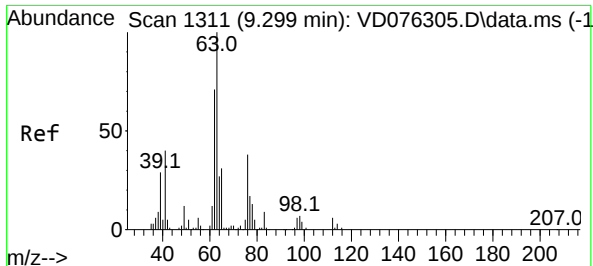
Tgt Ion:130 Resp: 14744

Ion Ratio Lower Upper

130 100

95 74.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.927 ug/l

RT: 9.298 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

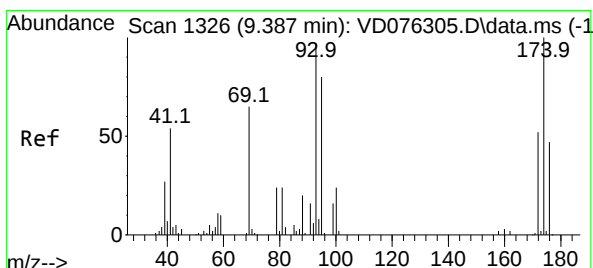
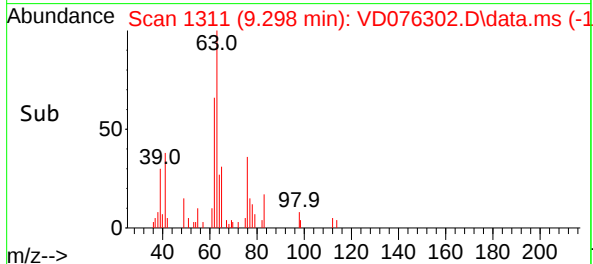
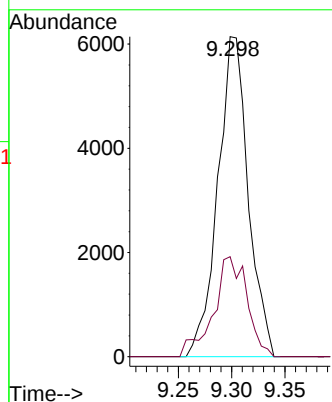
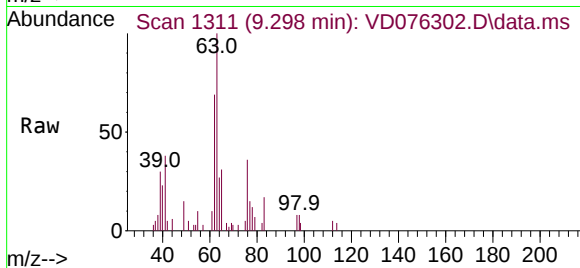
VSTDIC005

Tgt Ion: 63 Resp: 12190

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 4.766 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

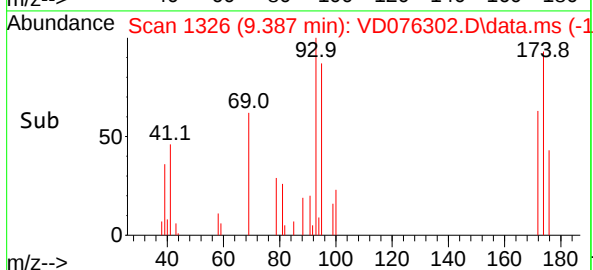
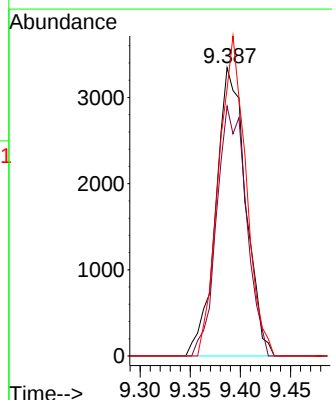
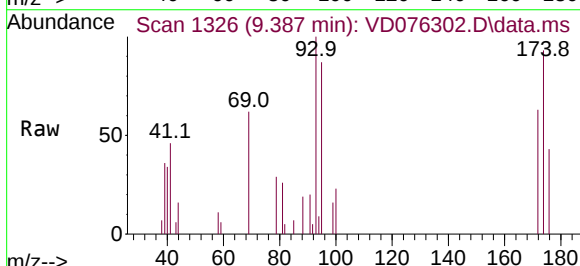
Tgt Ion: 93 Resp: 6920

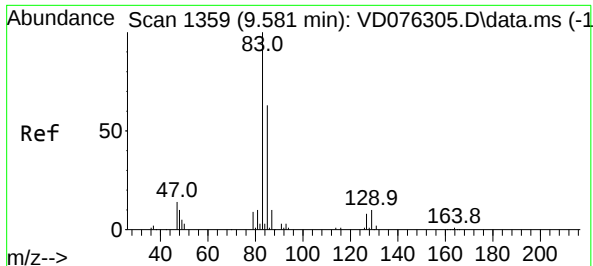
Ion Ratio Lower Upper

93 100

95 86.1 67.7 101.5

174 101.8 85.4 128.2

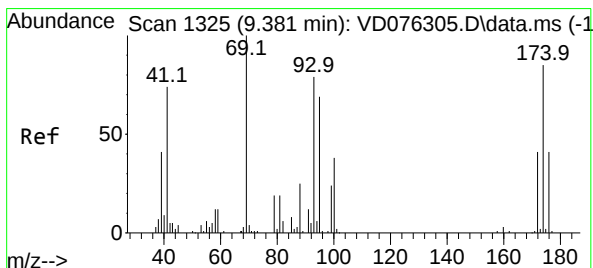
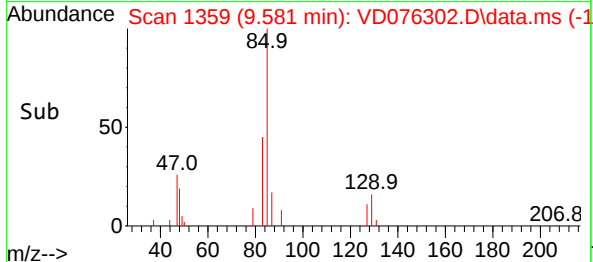
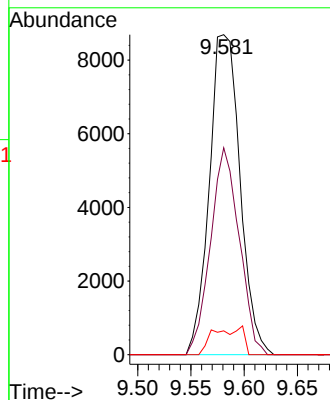
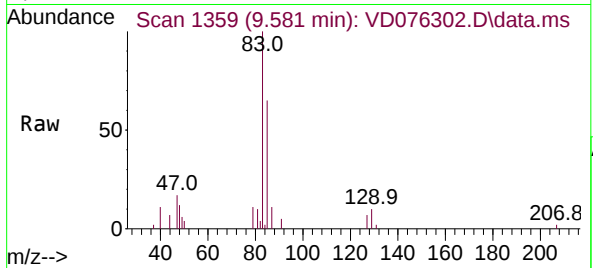




#47
Bromodichloromethane
Concen: 5.127 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

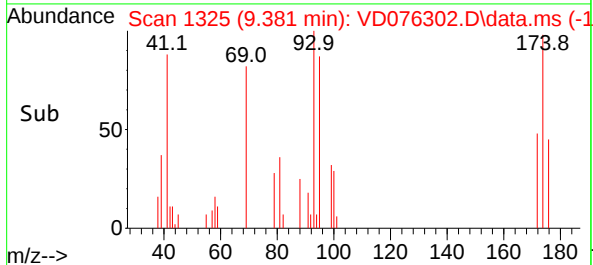
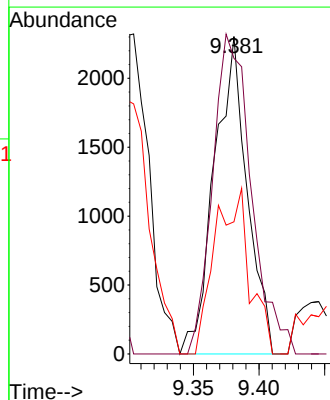
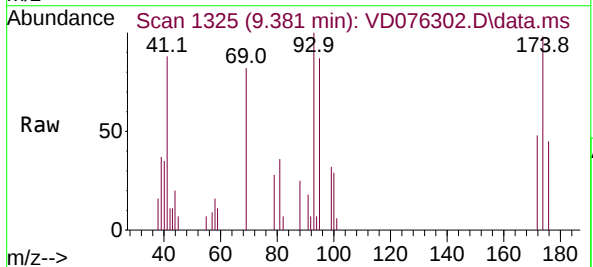
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

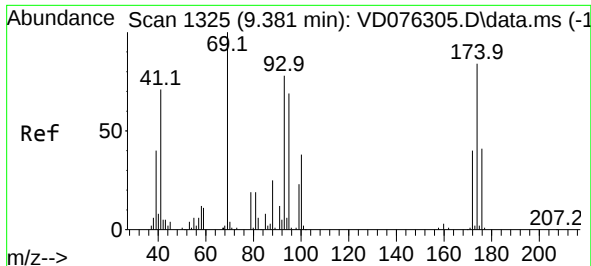
Tgt Ion: 83 Resp: 17439
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 4.227 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 41 Resp: 4001
Ion Ratio Lower Upper
41 100
69 118.6 102.2 153.2
39 55.3 41.4 62.2





#49

1,4-Dioxane

Concen: 79.874 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

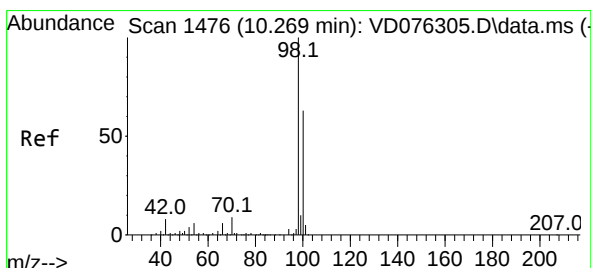
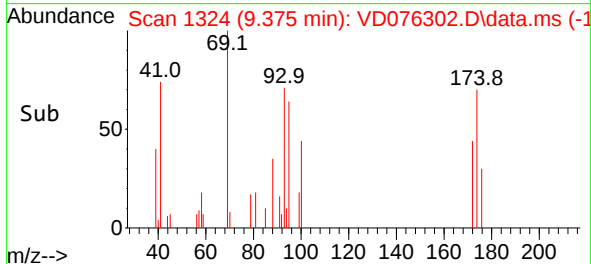
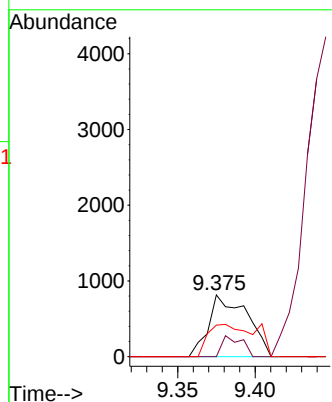
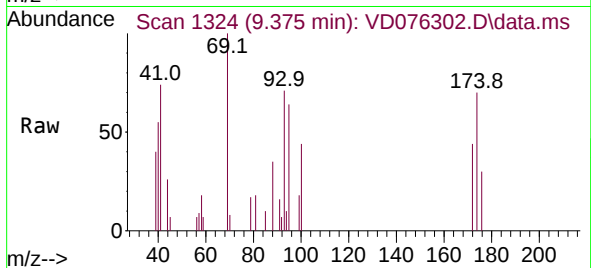
Tgt Ion: 88 Resp: 1404

Ion Ratio Lower Upper

88 100

43 17.3 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 4.702 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076302.D

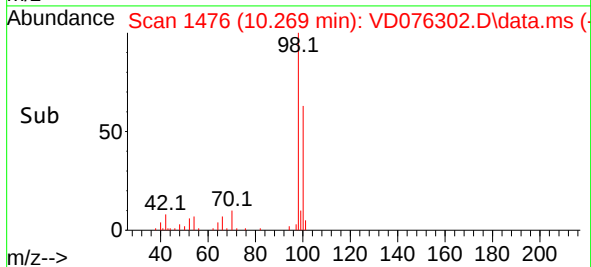
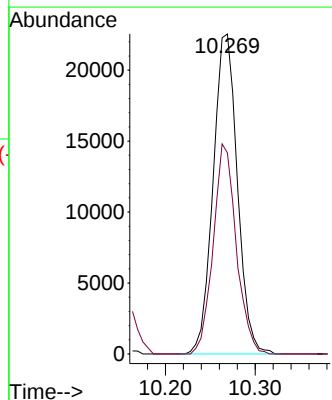
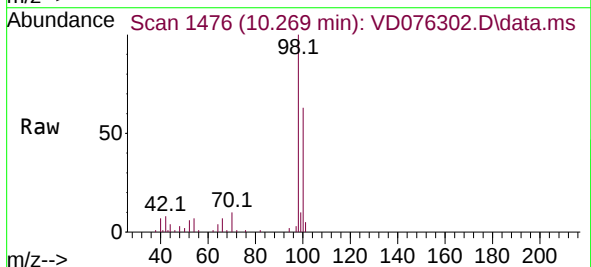
Acq: 01 Jun 2023 17:35

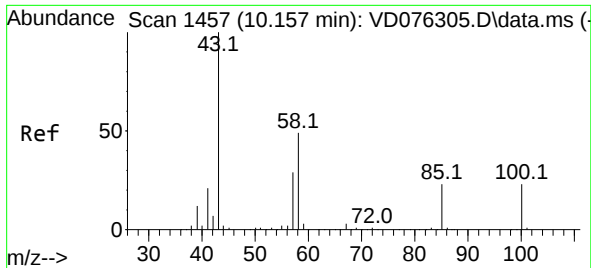
Tgt Ion: 98 Resp: 42328

Ion Ratio Lower Upper

98 100

100 62.3 50.3 75.5

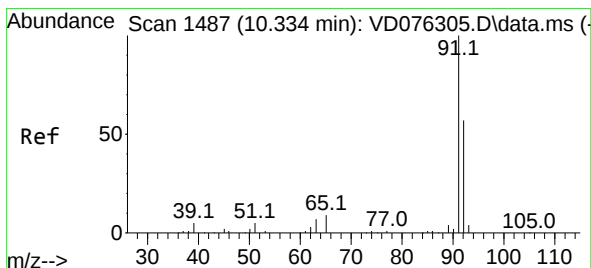
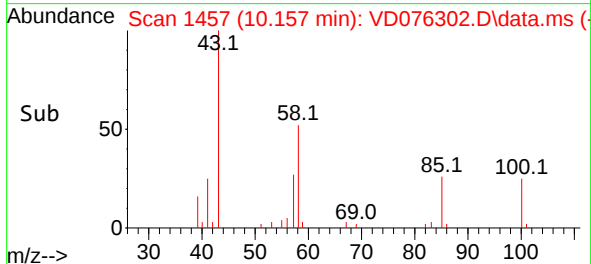
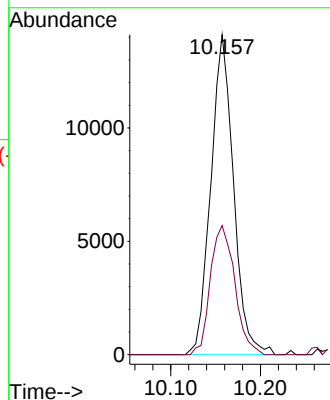
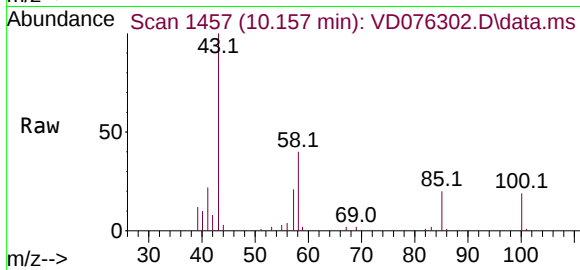




#51
4-Methyl-2-Pentanone
Concen: 21.287 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

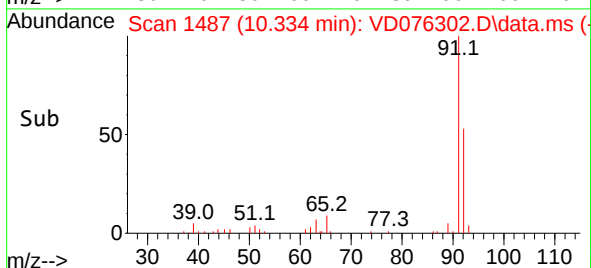
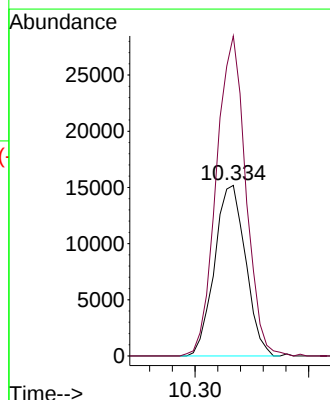
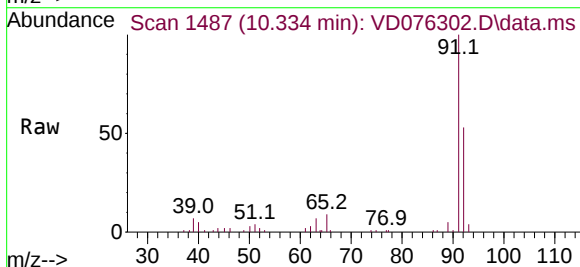
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

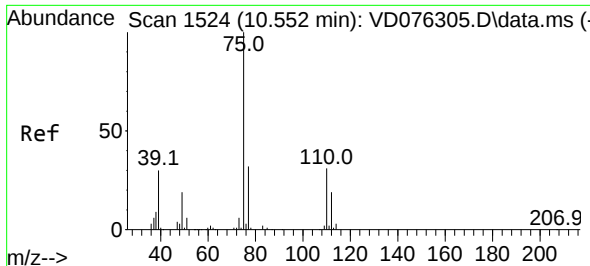
Tgt Ion: 43 Resp: 24829
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 4.593 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 92 Resp: 28809
Ion Ratio Lower Upper
92 100
91 178.2 143.0 214.4

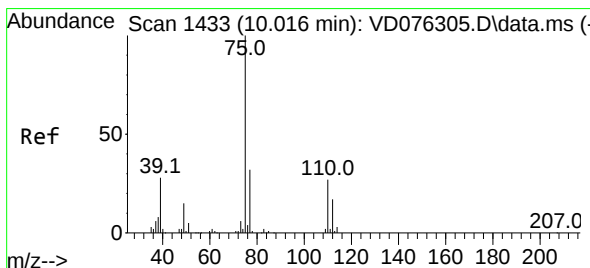
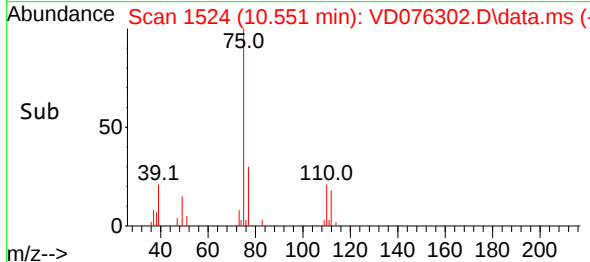
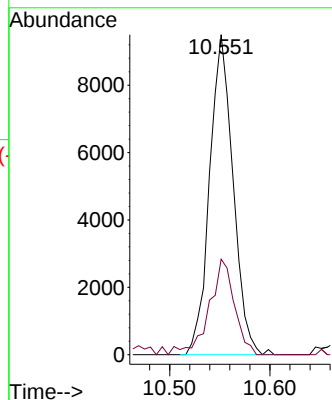
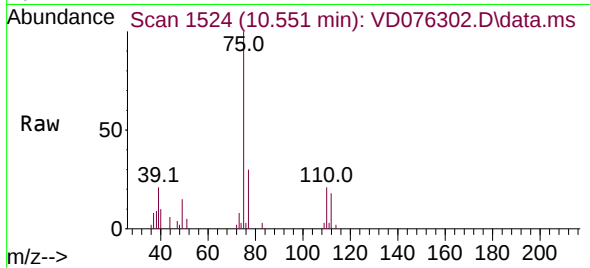




#53
t-1,3-Dichloropropene
Concen: 4.862 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

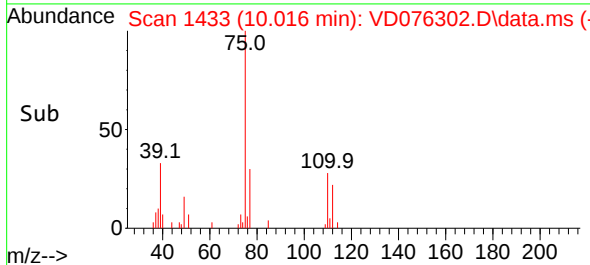
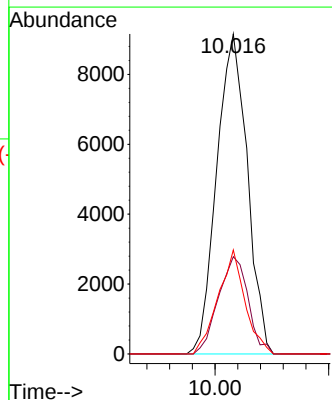
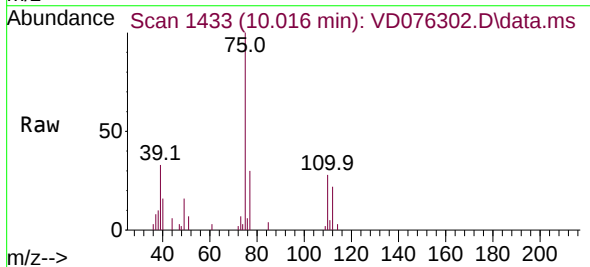
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

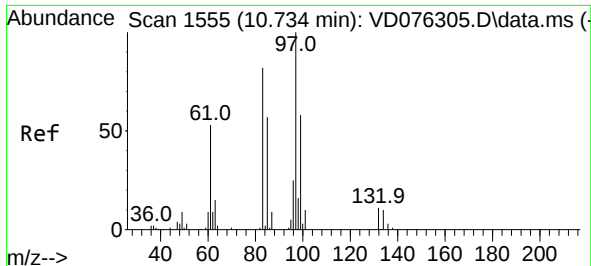
Tgt Ion: 75 Resp: 15462
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.553 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 75 Resp: 17105
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 32.5 22.1 33.1

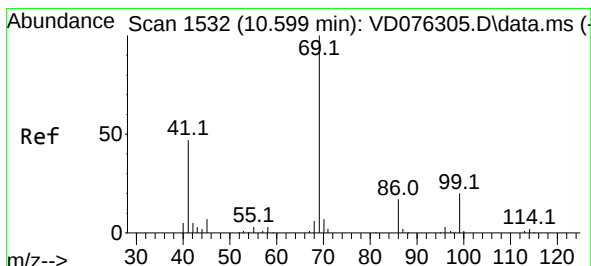
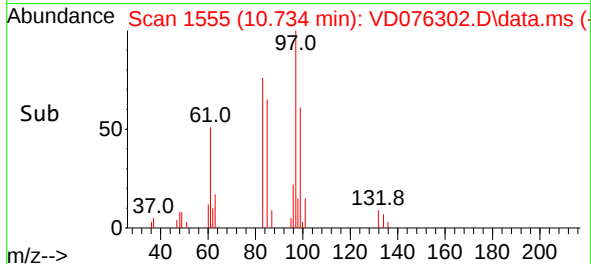
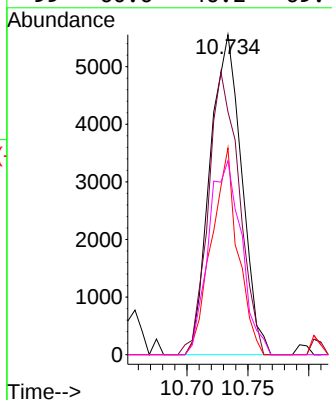
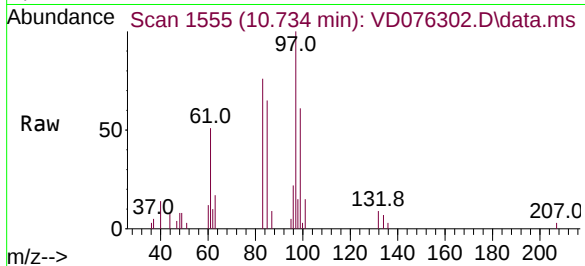




#55
1,1,2-Trichloroethane
Concen: 4.863 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

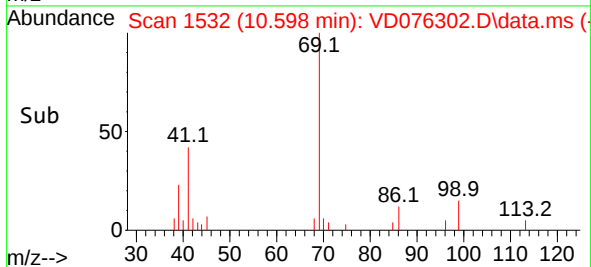
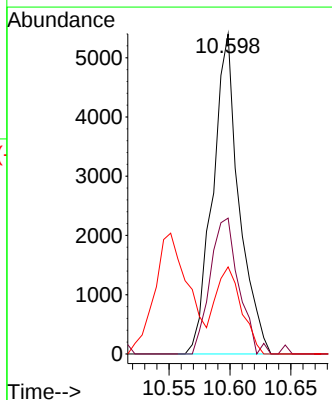
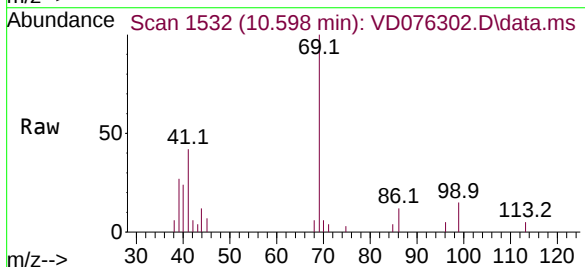
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

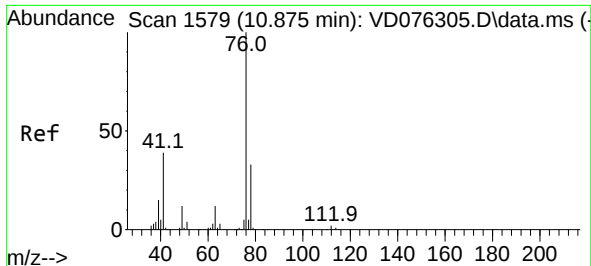
Tgt Ion: 97	Resp: 10050
Ion Ratio	Lower Upper
97 100	
83 75.9	65.8 98.6
85 64.6	45.7 68.5
99 60.6	46.2 69.4



#56
Ethyl methacrylate
Concen: 5.985 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 69	Resp: 8131
Ion Ratio	Lower Upper
69 100	
41 46.0	39.1 58.7
39 26.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 4.632 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

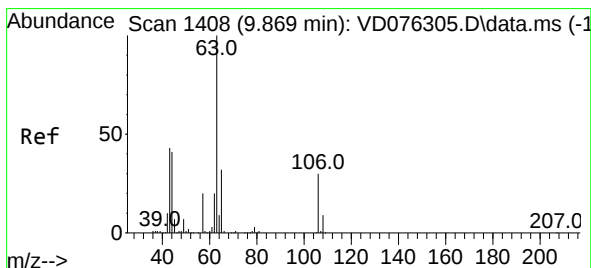
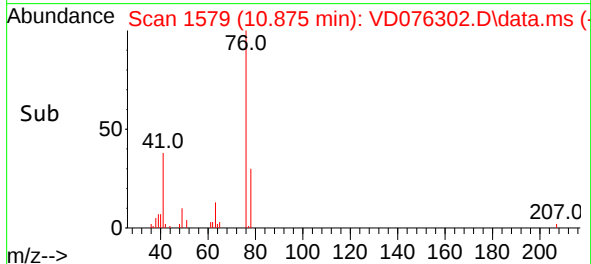
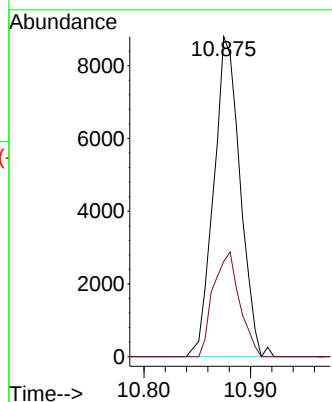
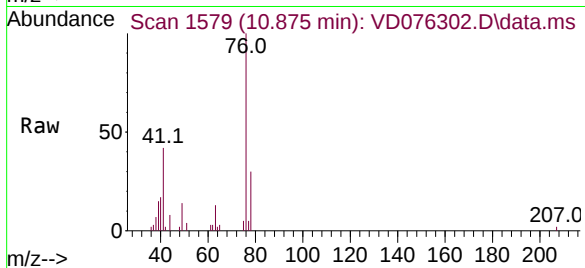
VSTDIC005

Tgt Ion: 76 Resp: 15098

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 36.333 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076302.D

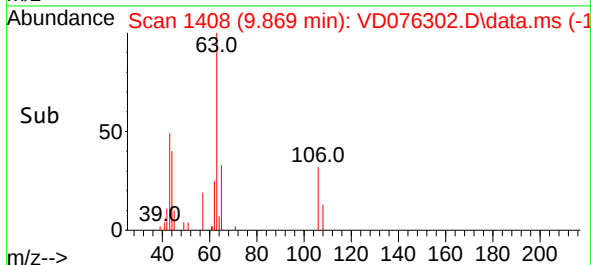
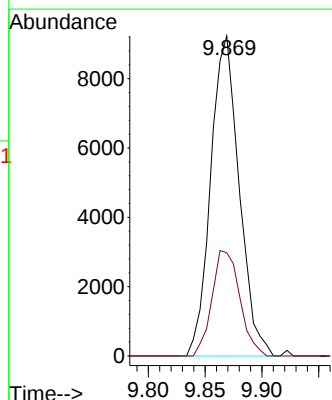
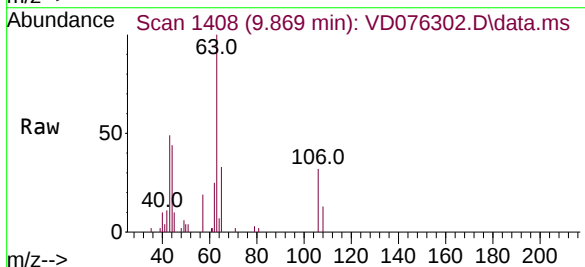
Acq: 01 Jun 2023 17:35

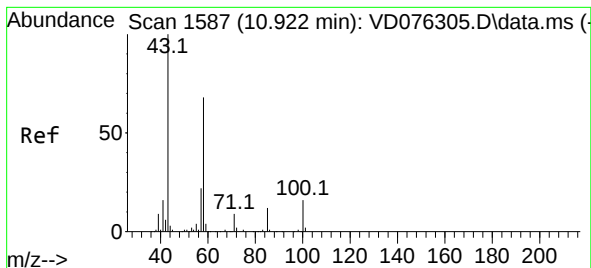
Tgt Ion: 63 Resp: 16082

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9

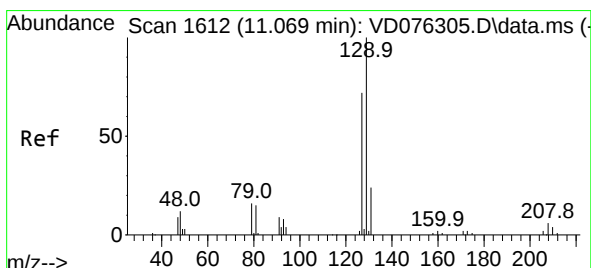
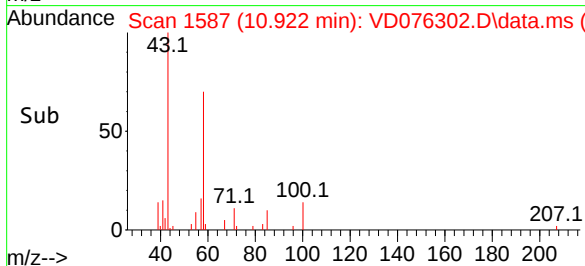
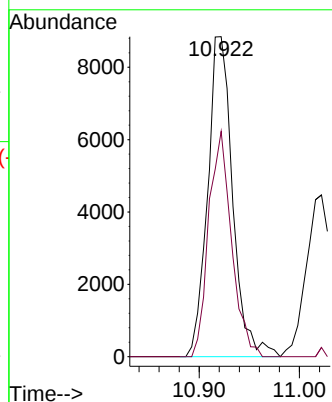
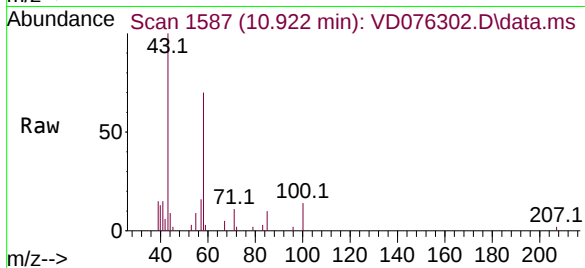




#59
2-Hexanone
Concen: 19.792 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

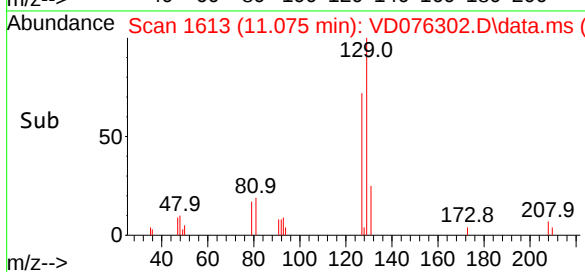
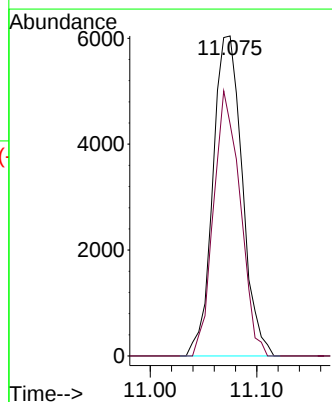
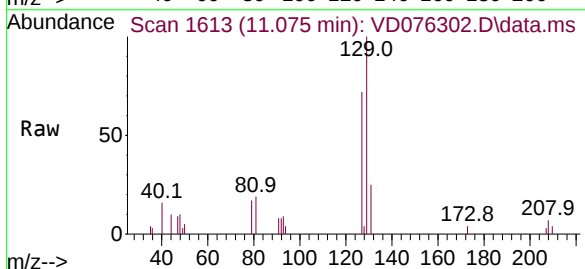
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

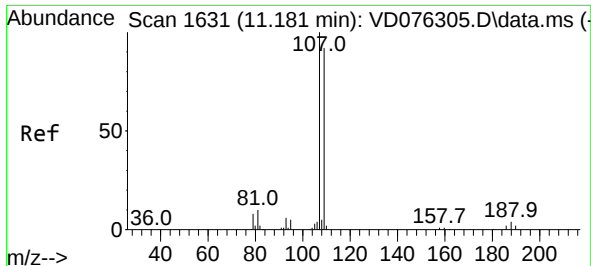
Tgt Ion: 43 Resp: 15365
Ion Ratio Lower Upper
43 100
58 64.4 34.1 102.2



#60
Dibromochloromethane
Concen: 4.877 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 129 Resp: 11551
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5

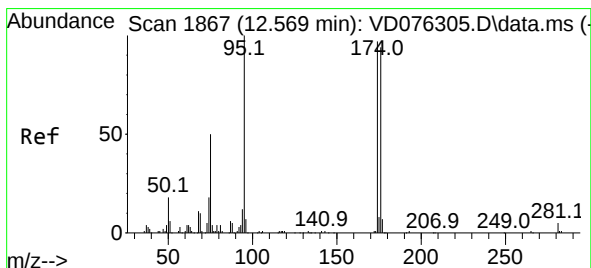
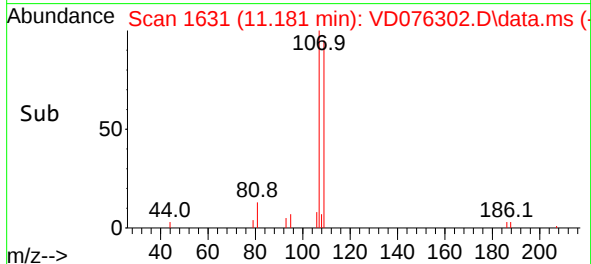
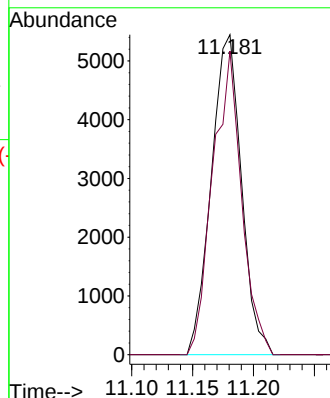
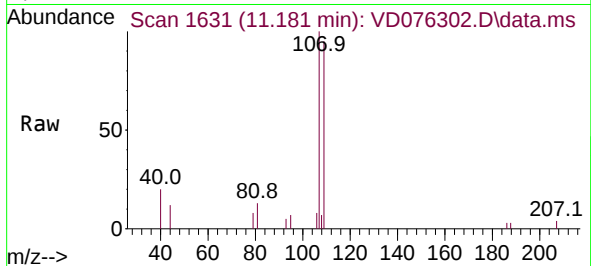




#61
1,2-Dibromoethane
Concen: 4.911 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

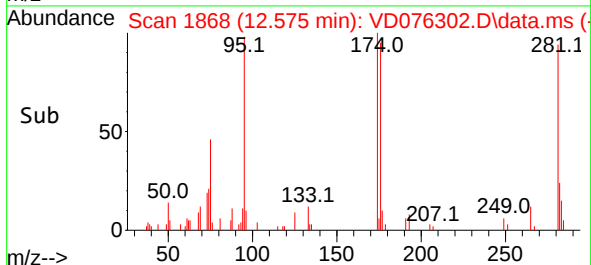
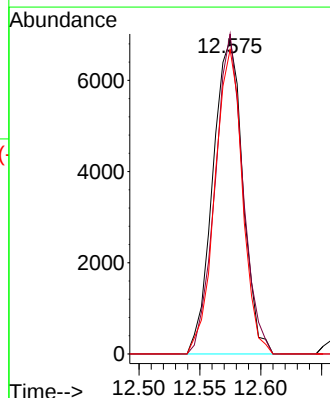
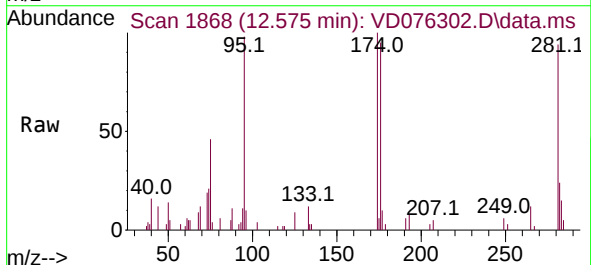
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

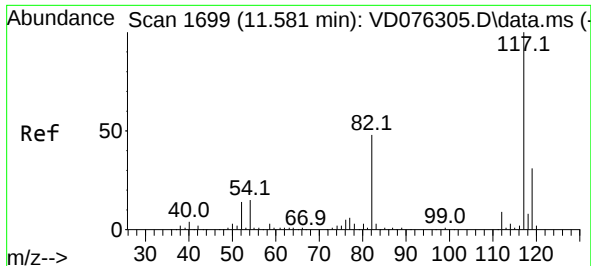
Tgt Ion:107 Resp: 9377
Ion Ratio Lower Upper
107 100
109 91.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.704 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 95 Resp: 11812
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 89.0 0.0 191.8

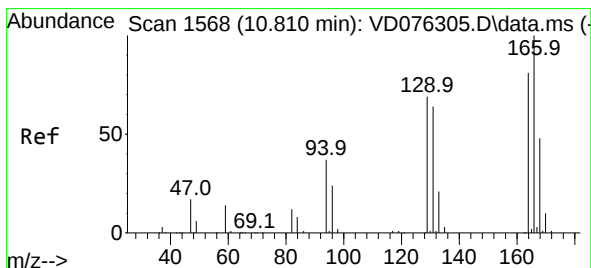
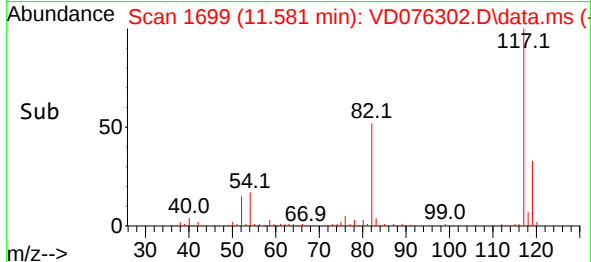
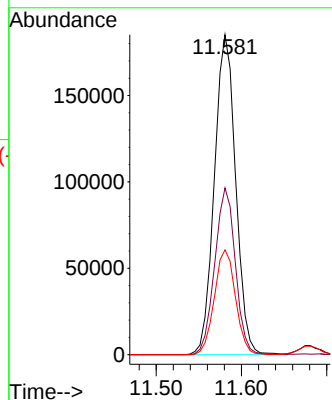
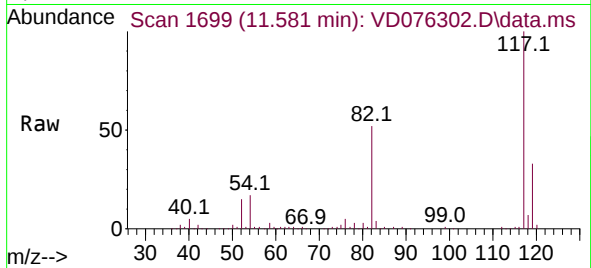




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

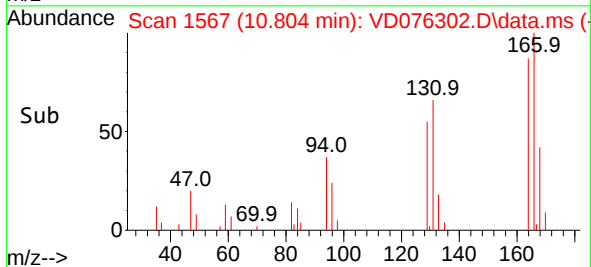
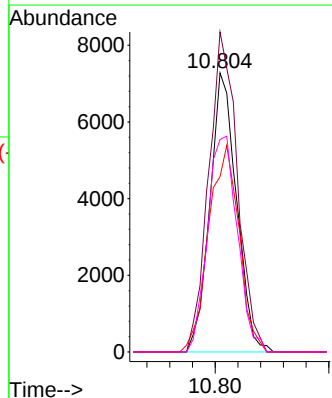
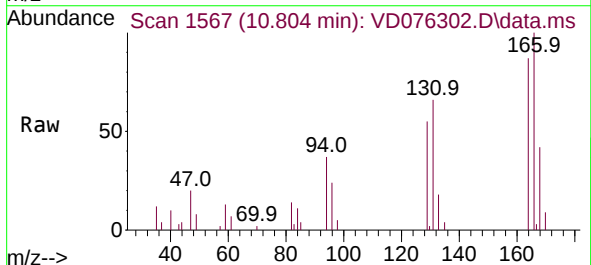
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

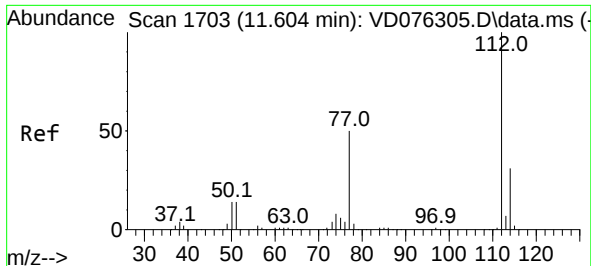
Tgt Ion:117 Resp: 321477
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 5.191 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:164 Resp: 11889
Ion Ratio Lower Upper
164 100
166 114.7 99.2 148.8
129 62.8 68.4 102.6#
131 76.2 63.8 95.8

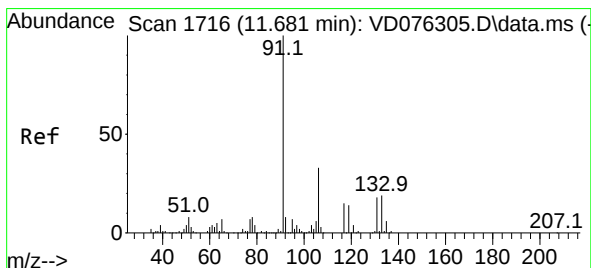
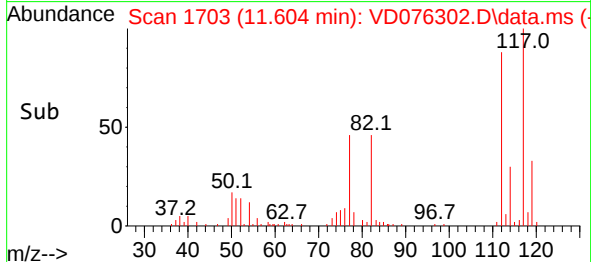
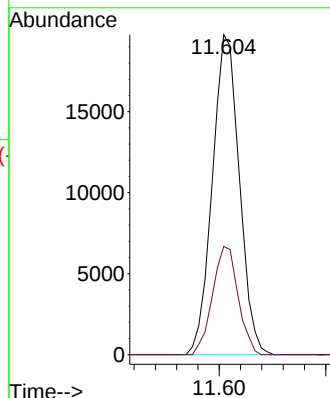
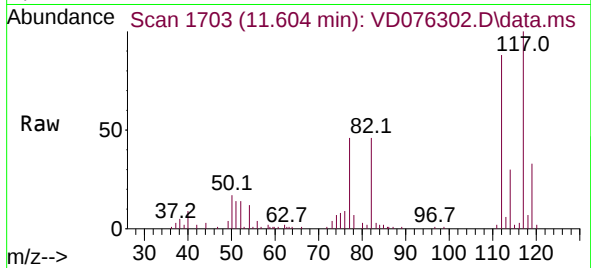




#65
Chlorobenzene
Concen: 5.021 ug/l
RT: 11.604 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

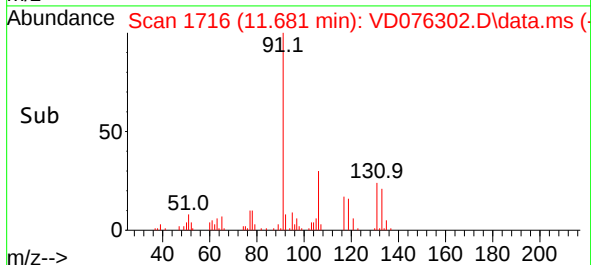
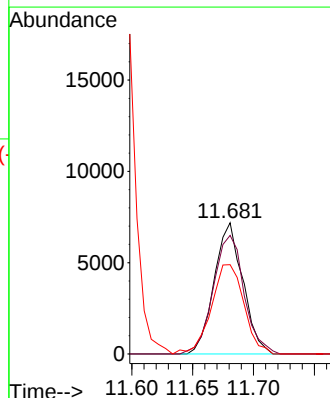
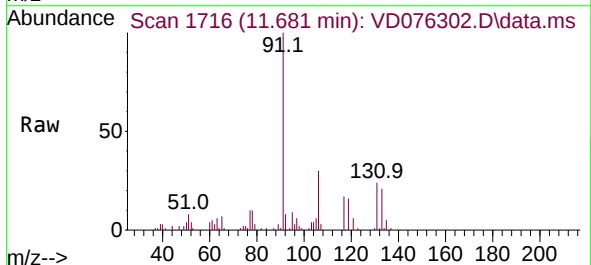
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

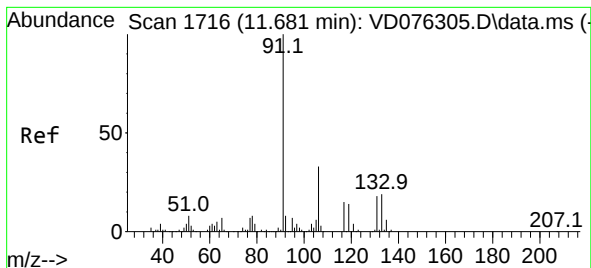
Tgt Ion:112 Resp: 34700
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.926 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:131 Resp: 11778
Ion Ratio Lower Upper
131 100
133 97.4 48.5 145.5
119 77.2 35.6 106.9

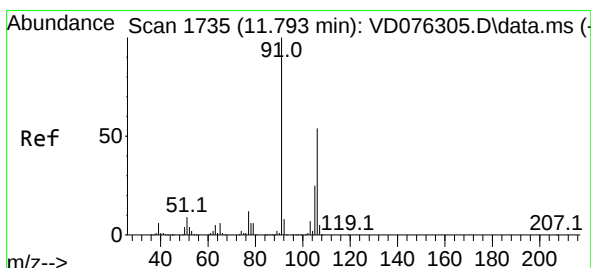
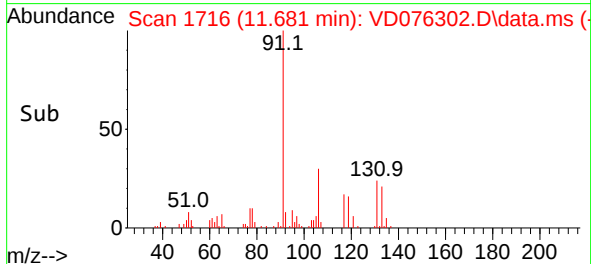
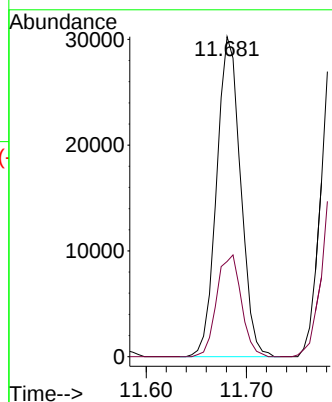
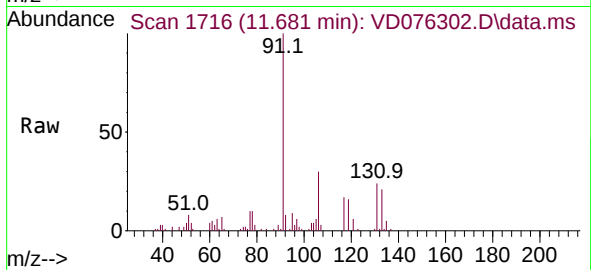




#67
Ethyl Benzene
Concen: 4.544 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

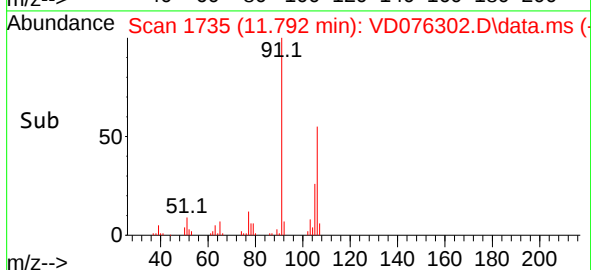
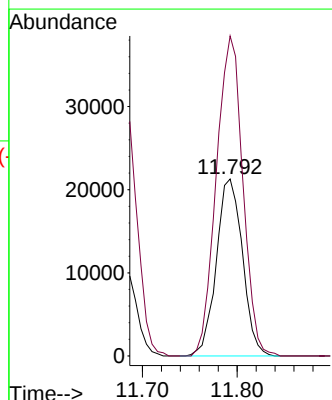
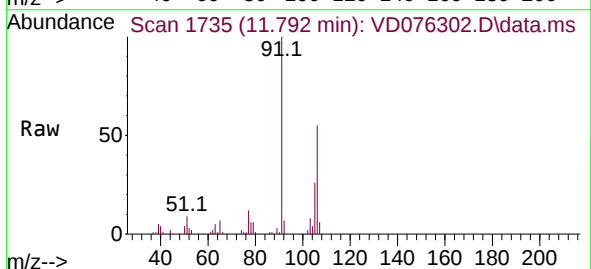
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

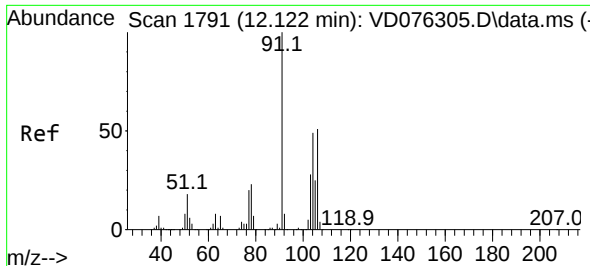
Tgt Ion: 91 Resp: 50170
Ion Ratio Lower Upper
91 100
106 29.8 26.5 39.7



#68
m/p-Xylenes
Concen: 8.937 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 106 Resp: 40820
Ion Ratio Lower Upper
106 100
91 183.3 147.0 220.6

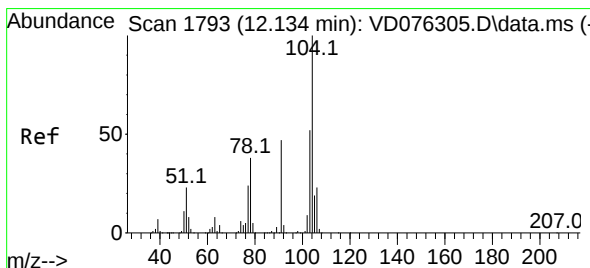
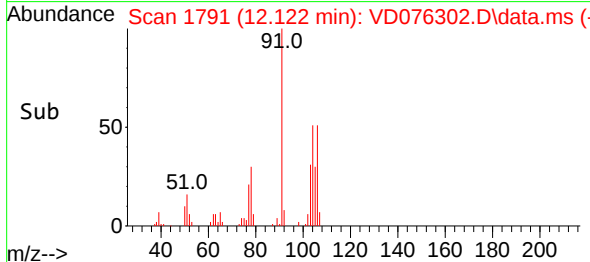
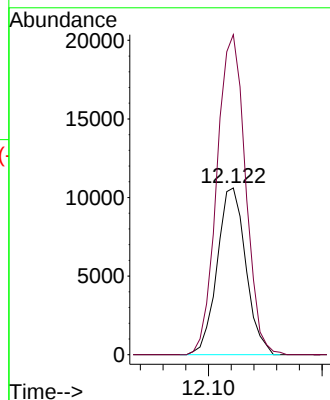
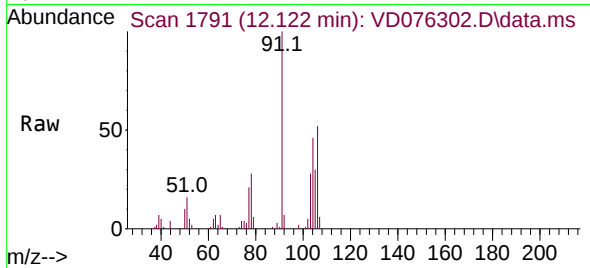




#69
o-Xylene
Concen: 4.439 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

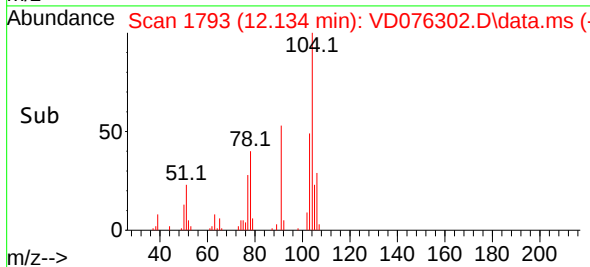
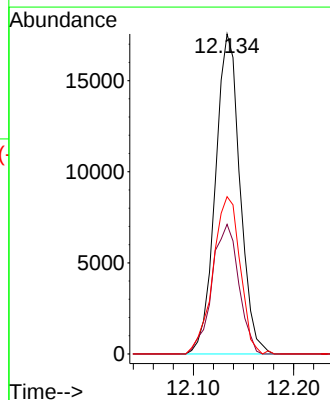
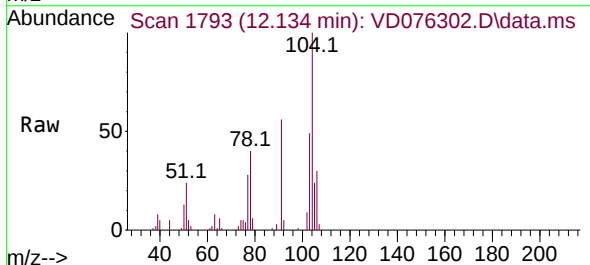
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

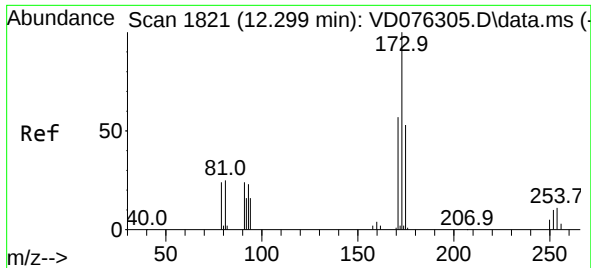
Tgt Ion:106 Resp: 18604
Ion Ratio Lower Upper
106 100
91 191.5 97.9 293.6



#70
Styrene
Concen: 4.138 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:104 Resp: 29929
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 54.1 43.6 65.4

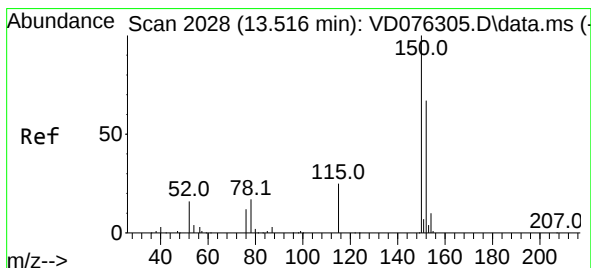
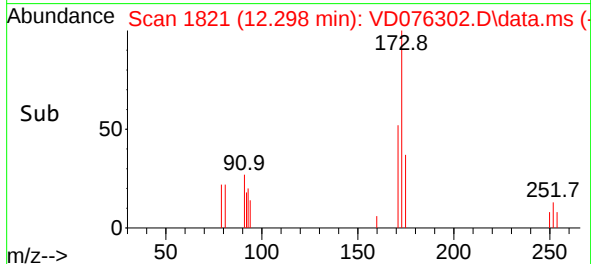
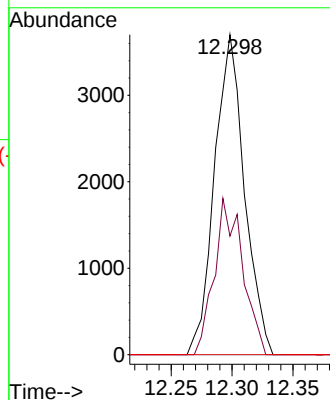
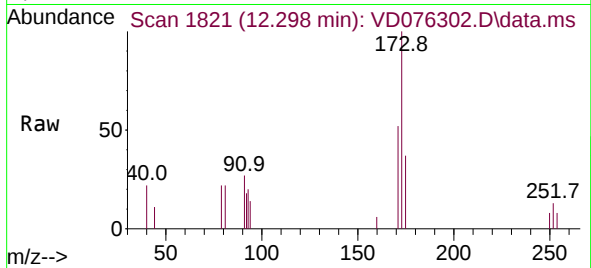




#71
Bromoform
Concen: 4.674 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

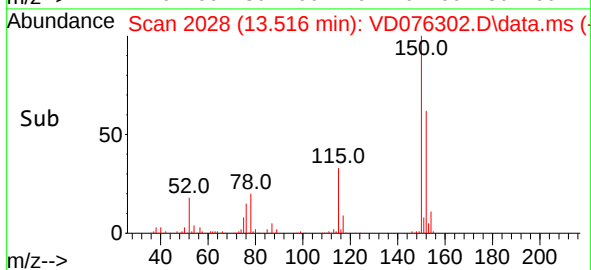
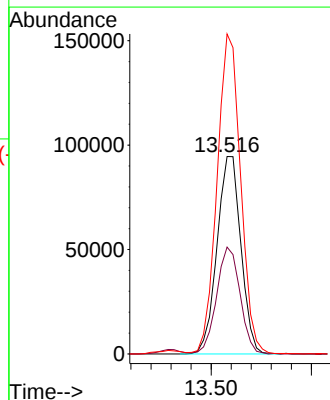
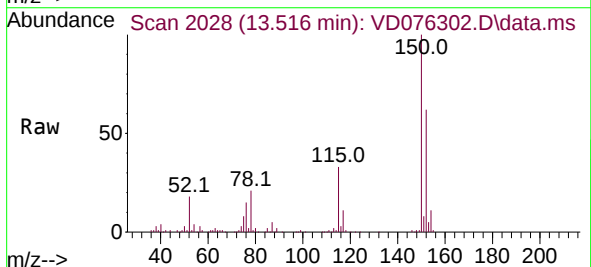
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

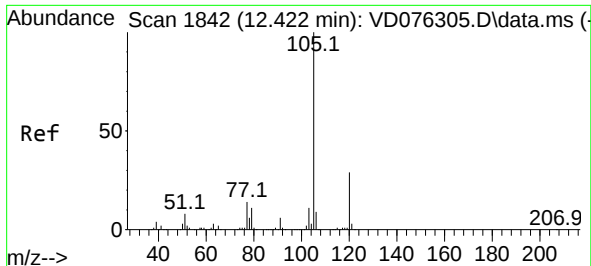
Tgt Ion:173 Resp: 6331
Ion Ratio Lower Upper
173 100
175 46.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:152 Resp: 156329
Ion Ratio Lower Upper
152 100
115 53.0 27.1 81.3
150 159.7 0.0 353.6

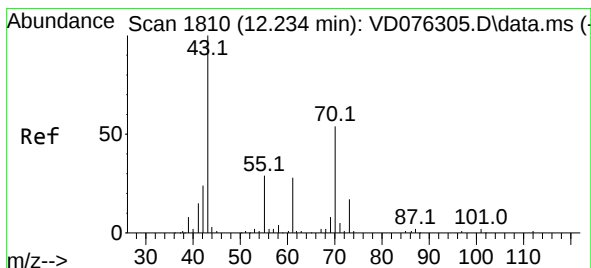
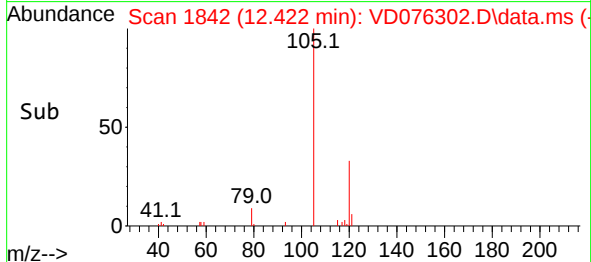
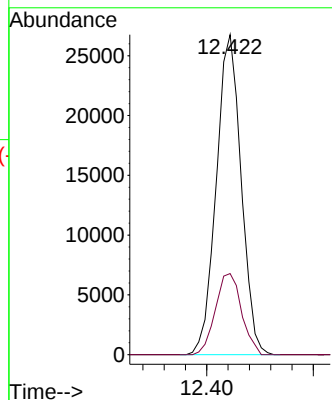
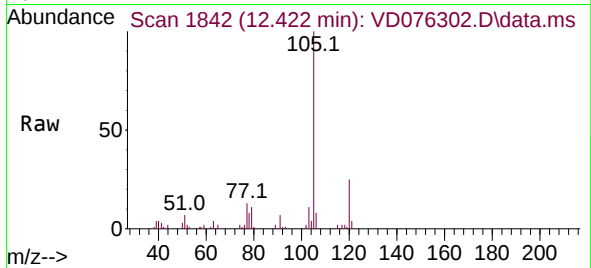




#73
Isopropylbenzene
Concen: 4.546 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

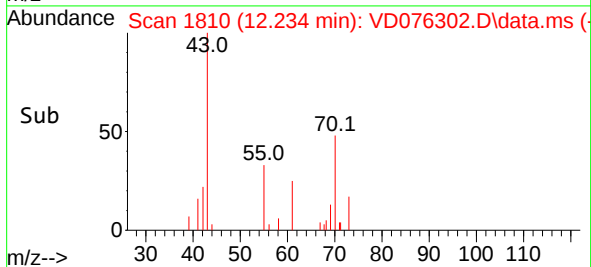
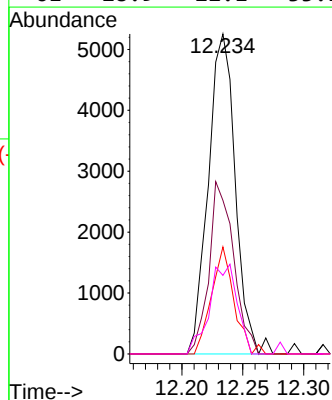
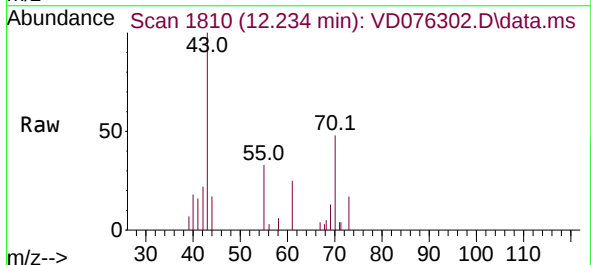
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

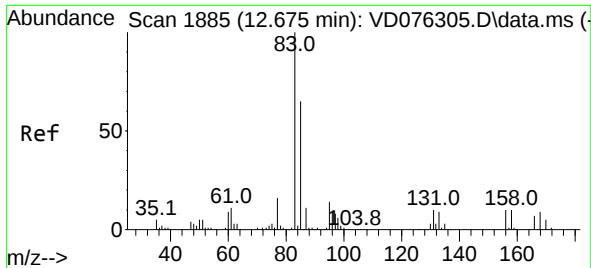
Tgt Ion:105 Resp: 43283
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 4.366 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 43 Resp: 8124
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 28.0 23.8 35.6
61 28.9 22.1 33.1

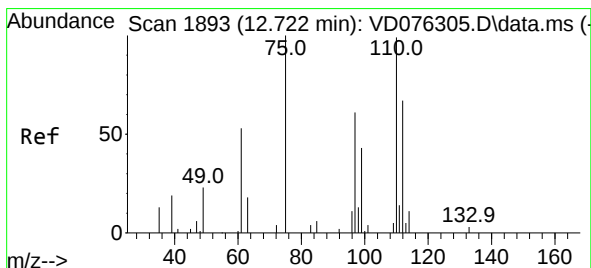
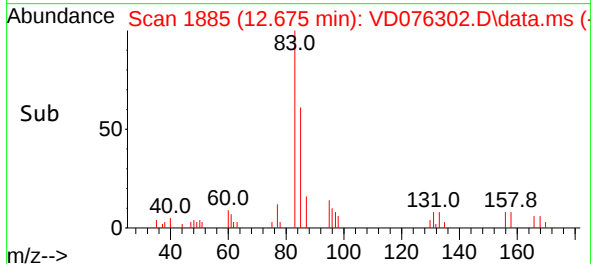
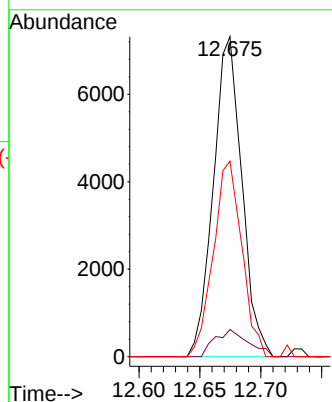
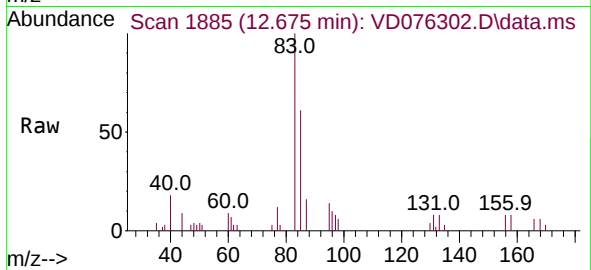




#75
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

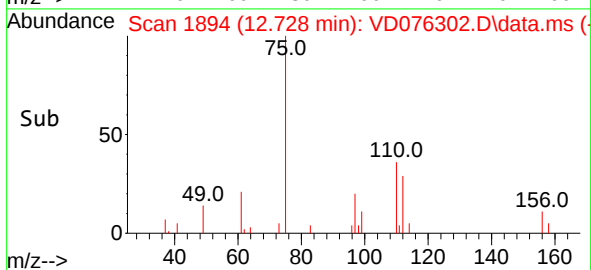
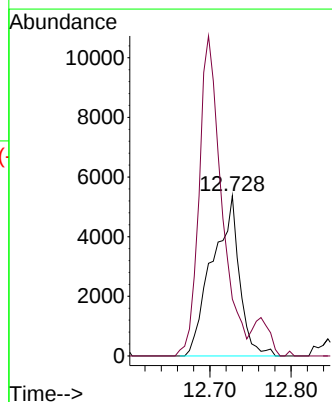
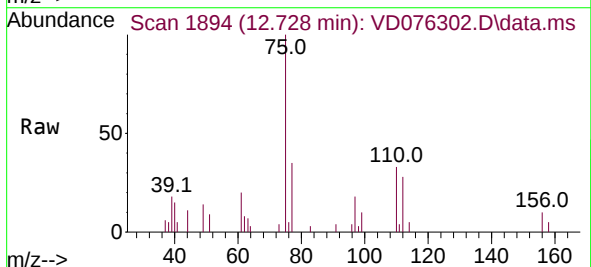
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

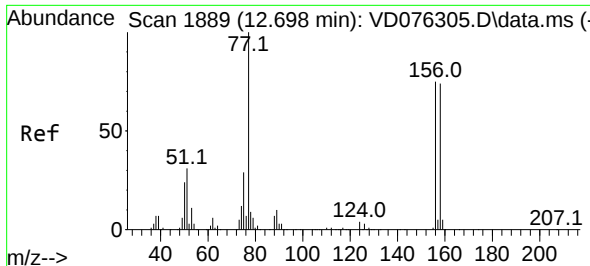
Tgt Ion: 83 Resp: 11924
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 61.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 8.862 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 75 Resp: 12497
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

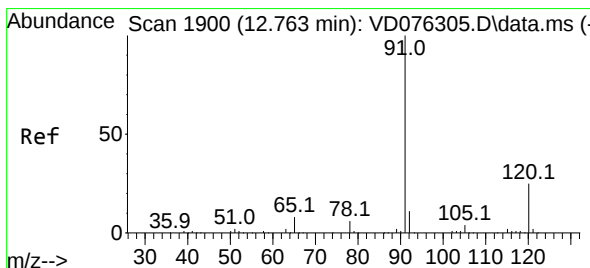
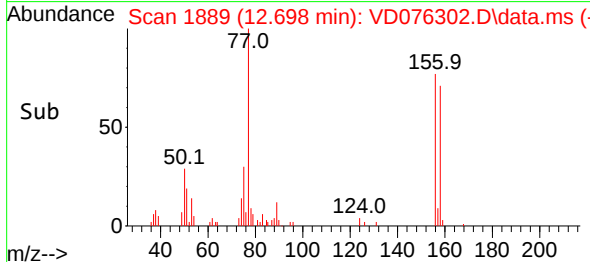
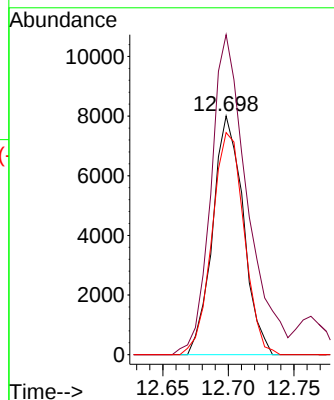
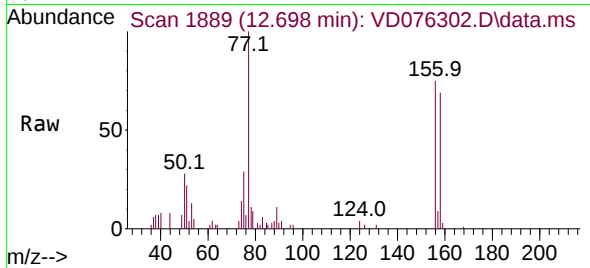




#77
Bromobenzene
Concen: 4.927 ug/l
RT: 12.698 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

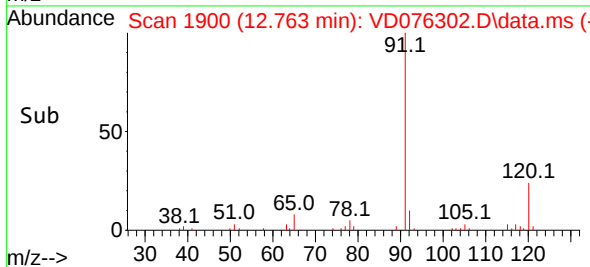
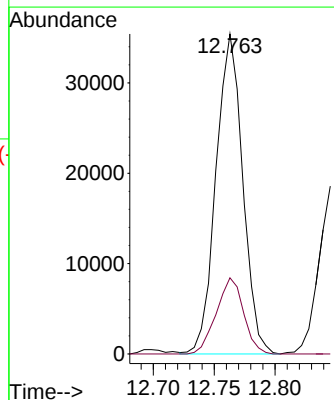
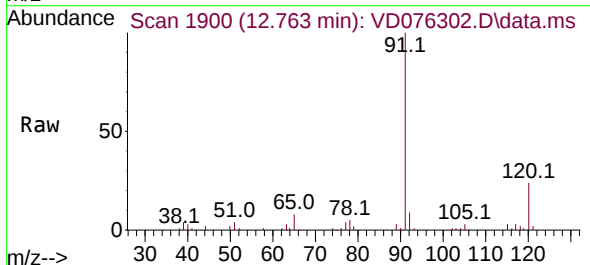
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

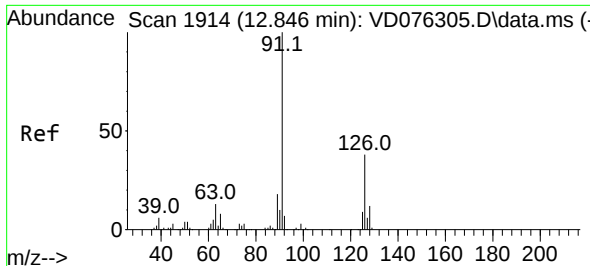
Tgt Ion:156 Resp: 12970
Ion Ratio Lower Upper
156 100
77 159.4 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 4.556 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 91 Resp: 54155
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.2

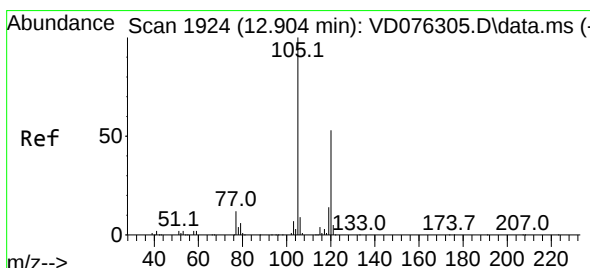
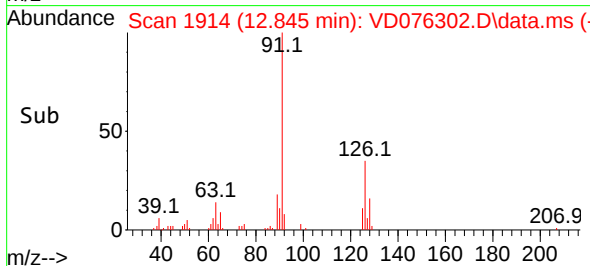
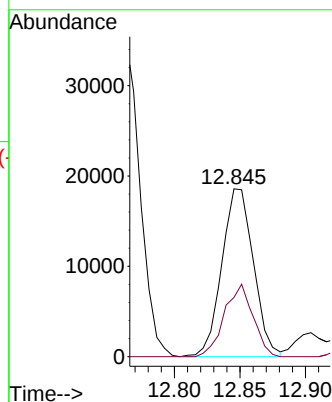
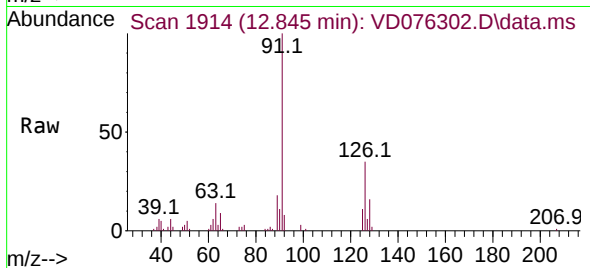




#79
2-Chlorotoluene
Concen: 4.710 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

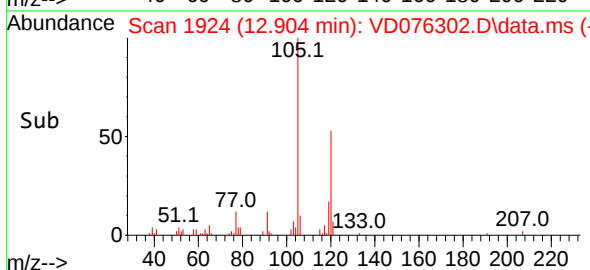
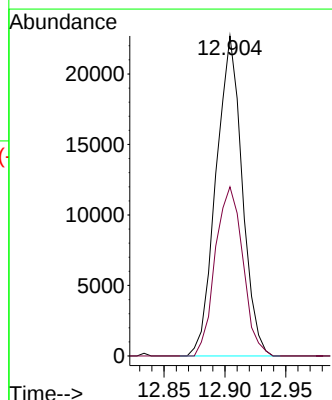
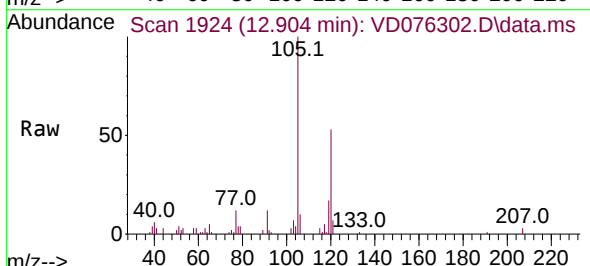
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

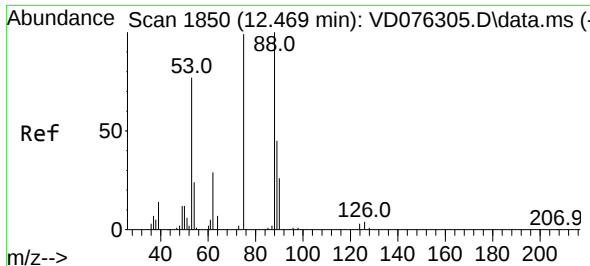
Tgt Ion: 91 Resp: 31229
Ion Ratio Lower Upper
91 100
126 39.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 4.276 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 105 Resp: 33890
Ion Ratio Lower Upper
105 100
120 55.8 26.4 79.2

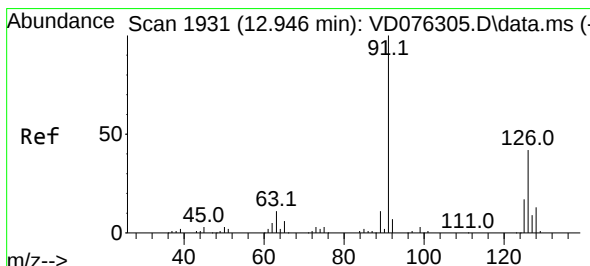
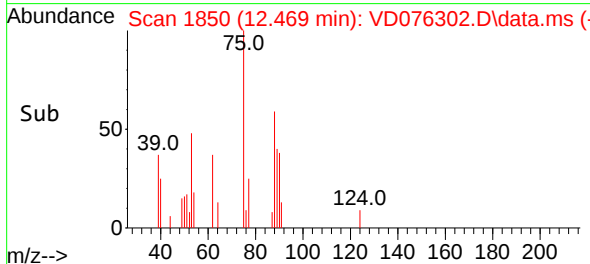
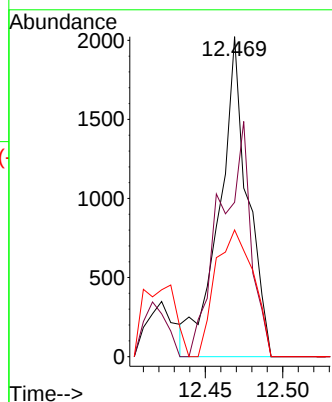
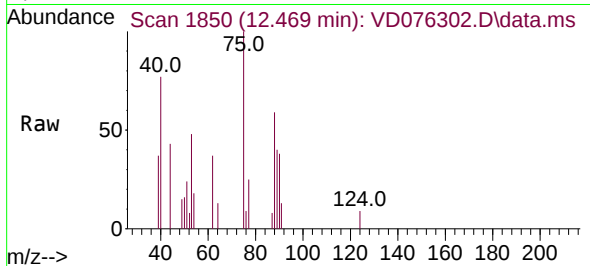




#81
trans-1,4-Dichloro-2-butene
Concen: 4.184 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

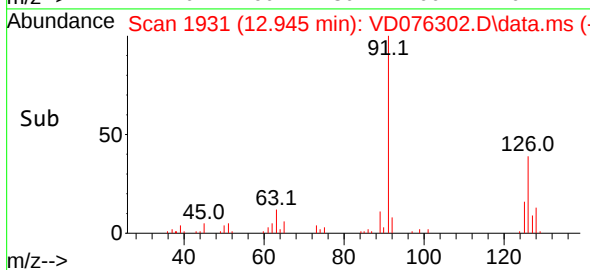
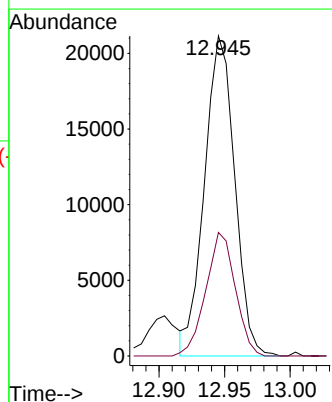
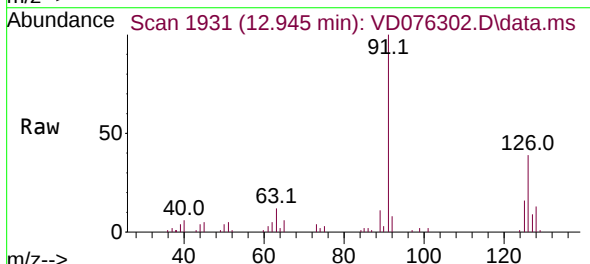
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

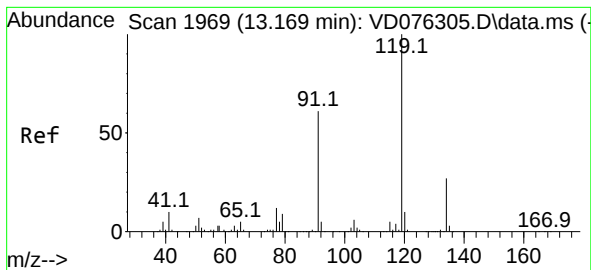
Tgt Ion:	75	Resp:	2565
Ion	Ratio	Lower	Upper
75	100		
53	80.1	63.0	94.4
89	53.0	37.9	56.9



#82
4-Chlorotoluene
Concen: 4.767 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:	91	Resp:	33889
Ion	Ratio	Lower	Upper
91	100		
126	37.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 4.572 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

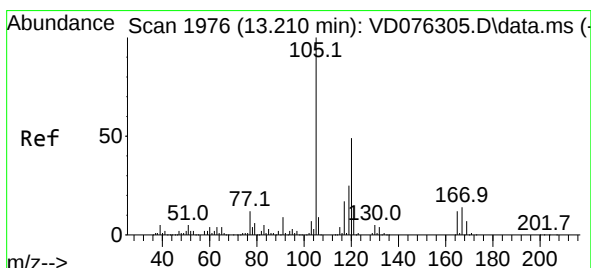
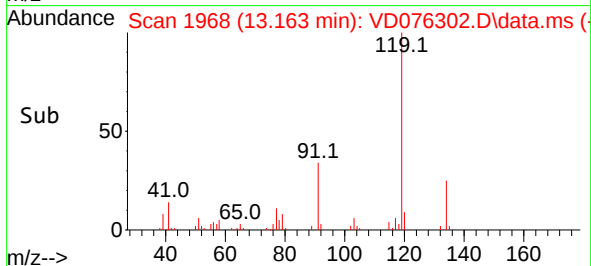
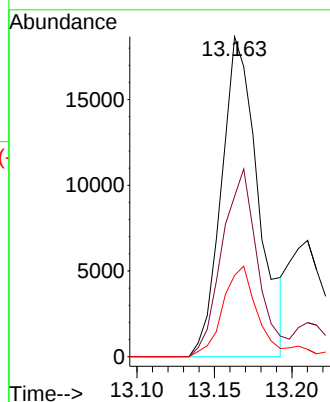
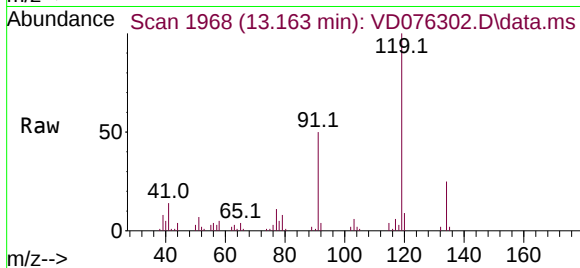
Tgt Ion:119 Resp: 30783

Ion Ratio Lower Upper

119 100

91 57.4 29.3 87.8

134 28.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.445 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076302.D

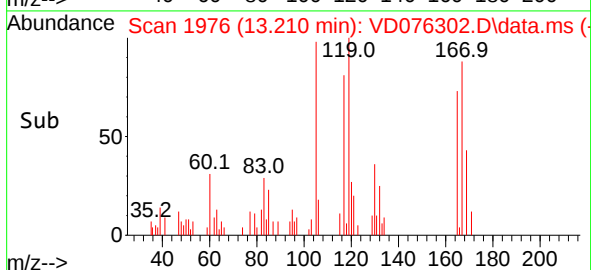
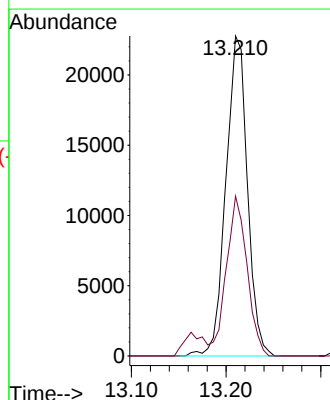
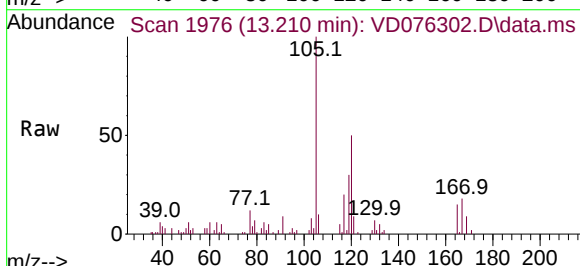
Acq: 01 Jun 2023 17:35

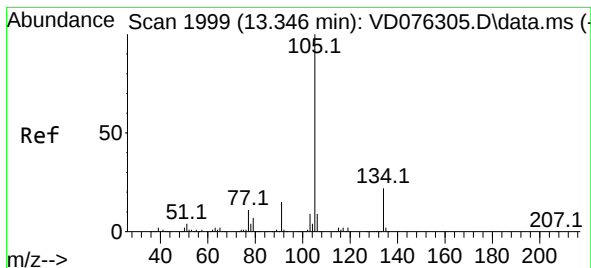
Tgt Ion:105 Resp: 35959

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 4.494 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

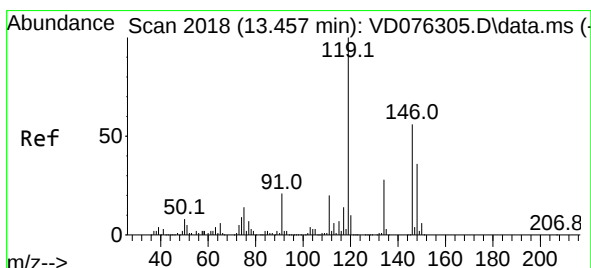
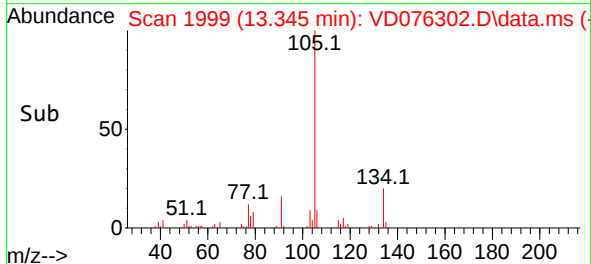
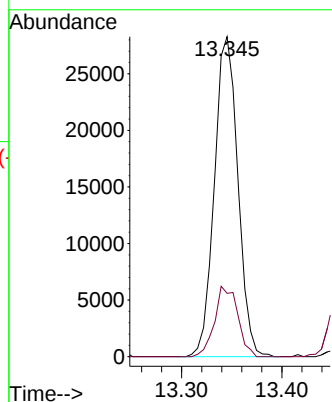
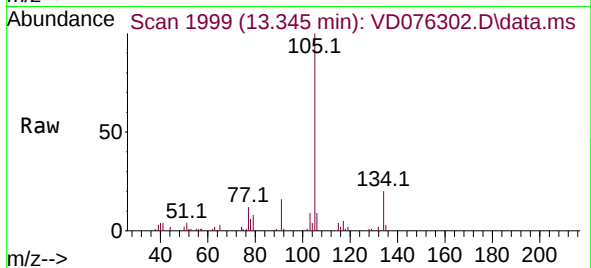
VSTDIC005

Tgt Ion:105 Resp: 45992

Ion Ratio Lower Upper

105 100

134 21.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 4.394 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

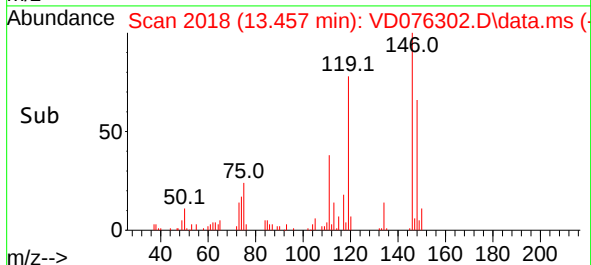
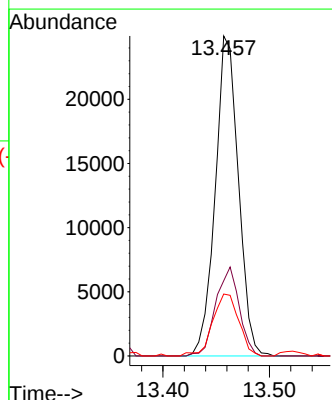
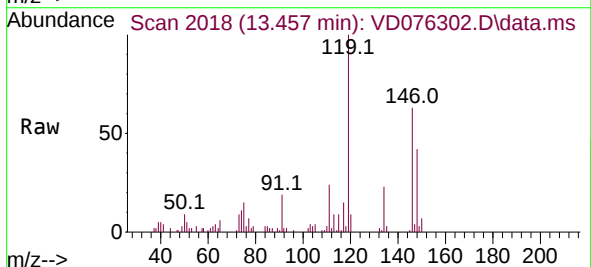
Tgt Ion:119 Resp: 37602

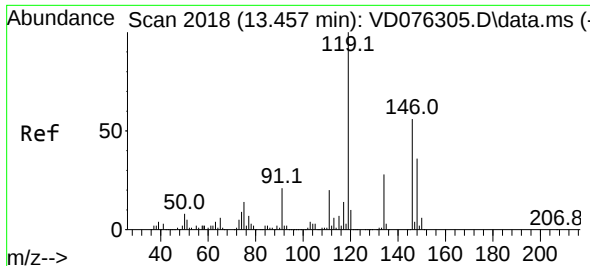
Ion Ratio Lower Upper

119 100

134 28.2 14.2 42.6

91 21.8 10.5 31.5

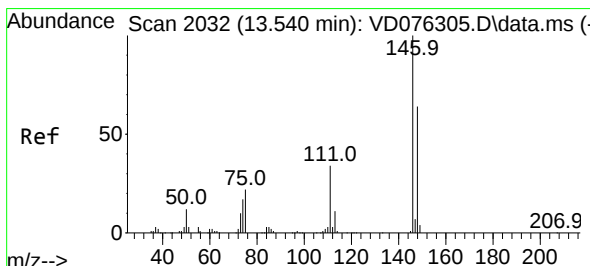
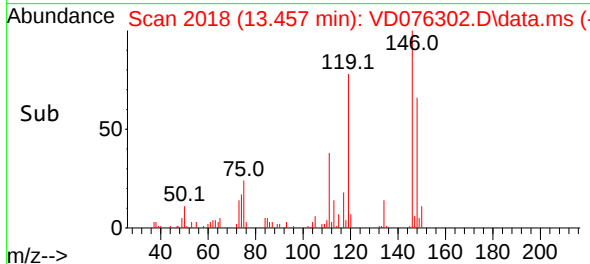
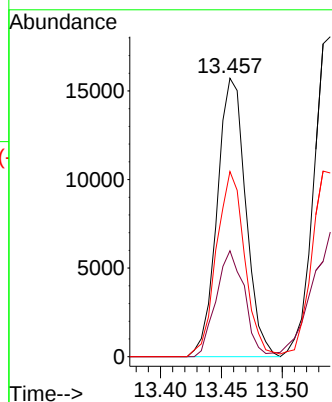
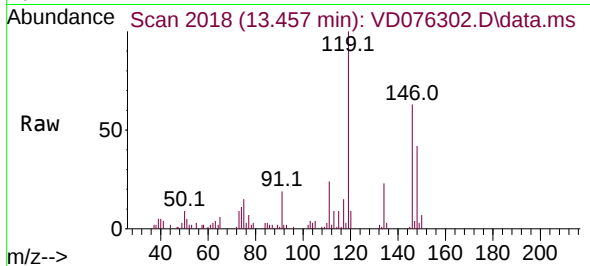




#87
1,3-Dichlorobenzene
Concen: 4.825 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

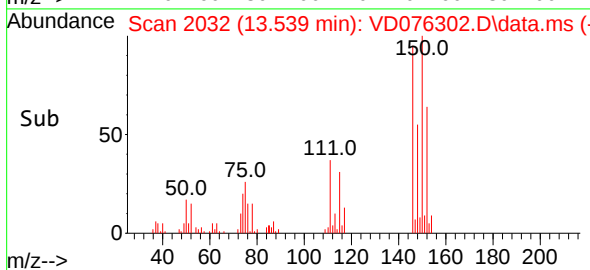
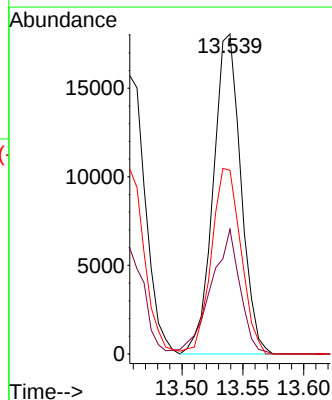
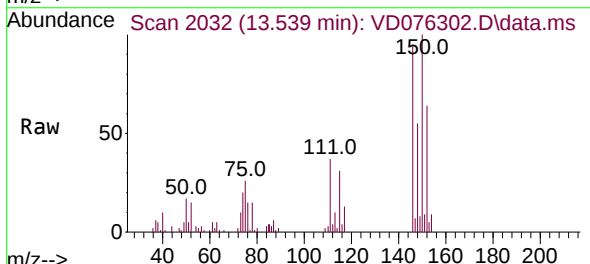
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

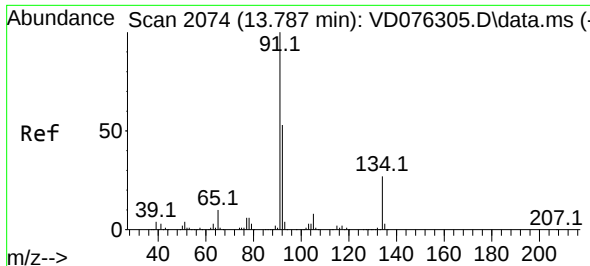
Tgt Ion:146 Resp: 25714
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 66.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 5.281 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion:146 Resp: 28580
Ion Ratio Lower Upper
146 100
111 40.7 17.4 52.3
148 61.8 31.7 95.1





#89

n-Butylbenzene

Concen: 4.465 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

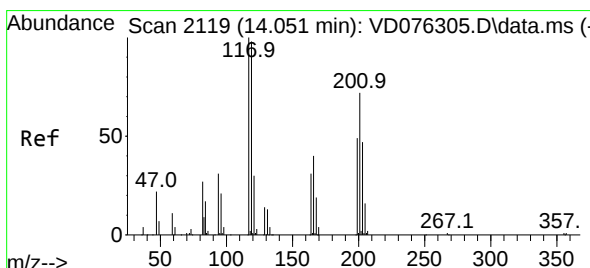
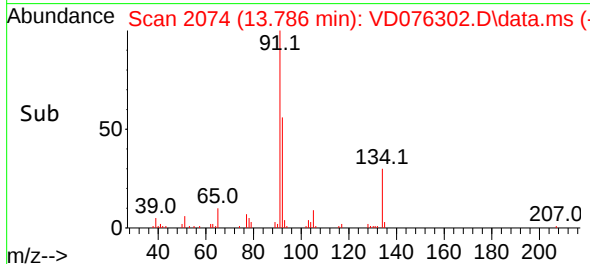
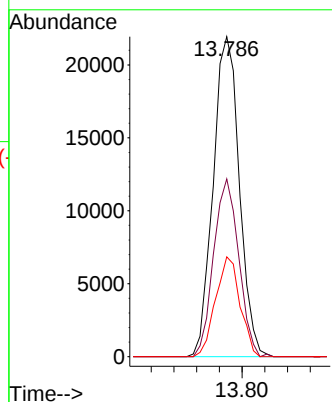
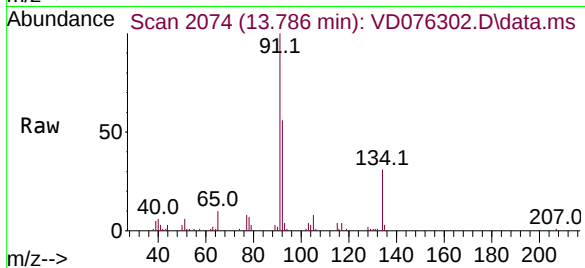
Tgt Ion: 91 Resp: 35093

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 29.2 13.8 41.3



#90

Hexachloroethane

Concen: 5.342 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076302.D

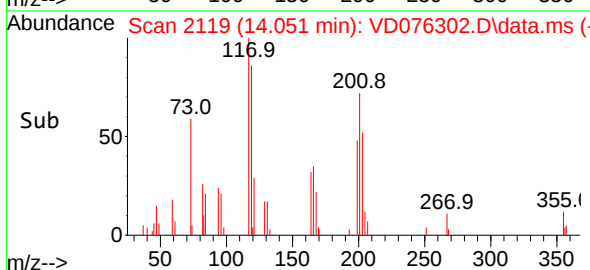
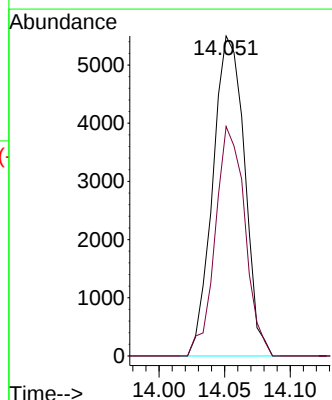
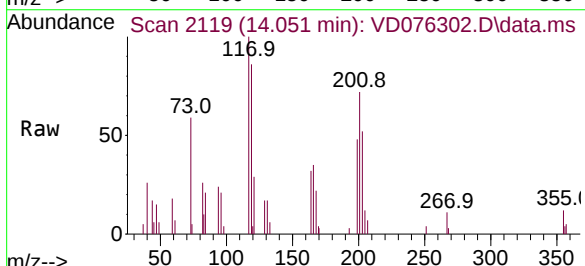
Acq: 01 Jun 2023 17:35

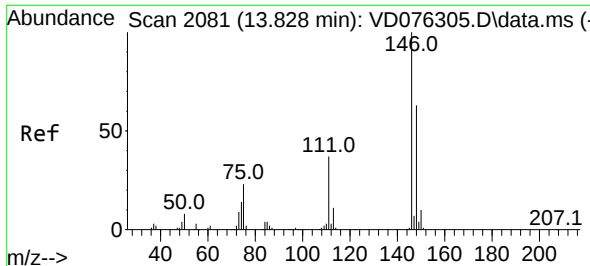
Tgt Ion: 117 Resp: 9245

Ion Ratio Lower Upper

117 100

201 67.1 38.5 115.5

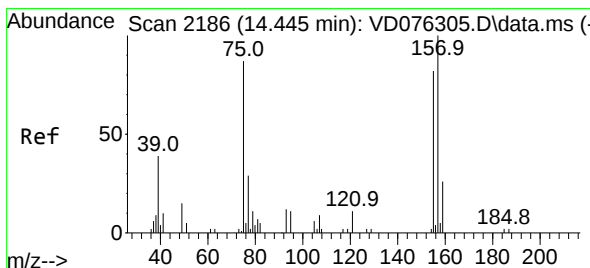
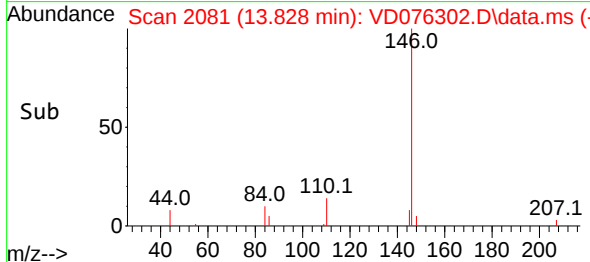
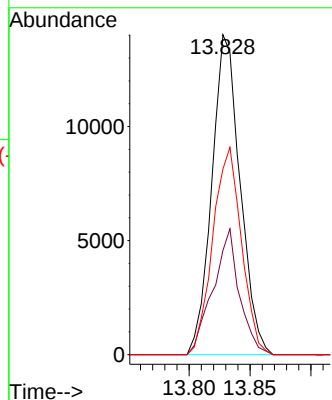
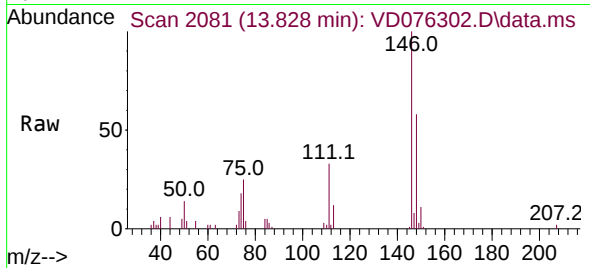




#91
1,2-Dichlorobenzene
Concen: 4.829 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

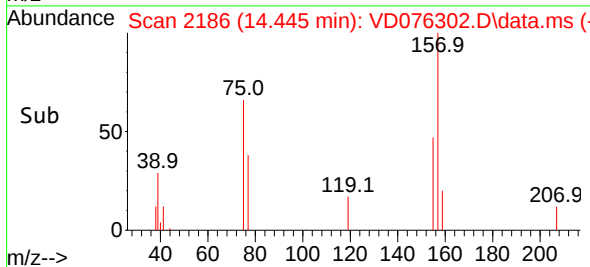
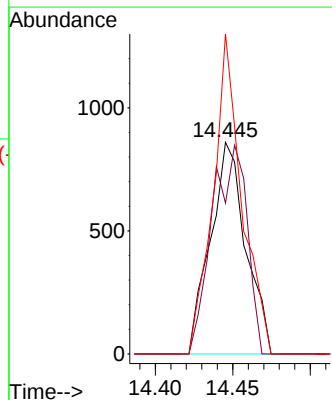
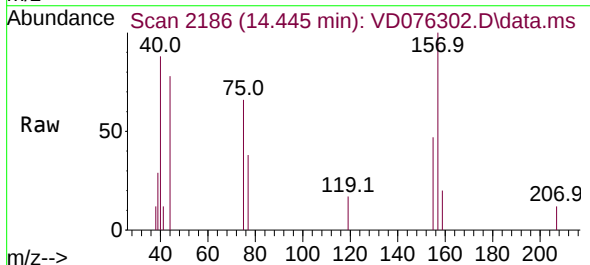
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

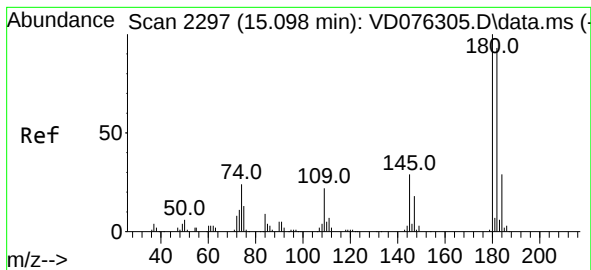
Tgt Ion:146 Resp: 22639
Ion Ratio Lower Upper
146 100
111 36.8 18.3 54.8
148 65.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.842 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076302.D
Acq: 01 Jun 2023 17:35

Tgt Ion: 75 Resp: 1360
Ion Ratio Lower Upper
75 100
155 97.6 47.9 143.8
157 122.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.516 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

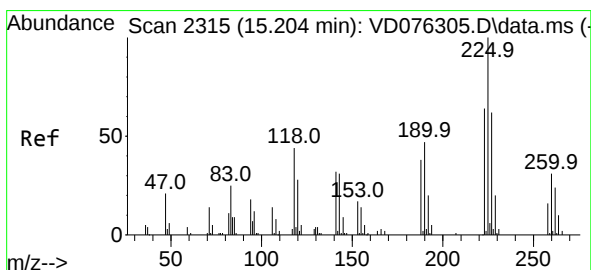
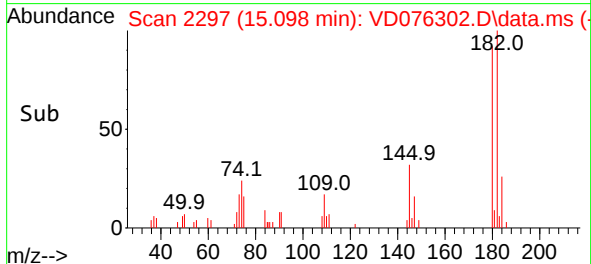
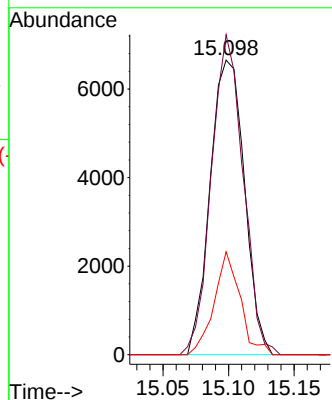
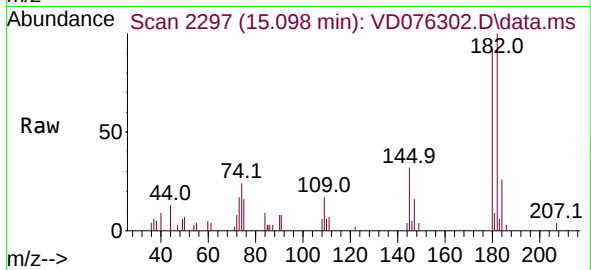
Tgt Ion:180 Resp: 12116

Ion Ratio Lower Upper

180 100

182 100.3 48.5 145.6

145 26.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.011 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

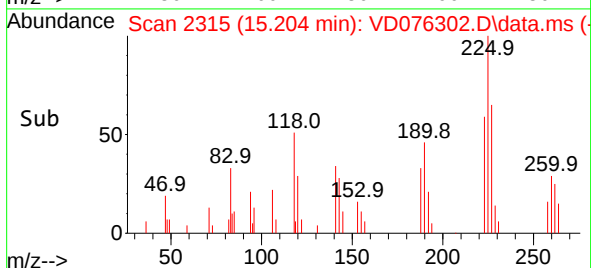
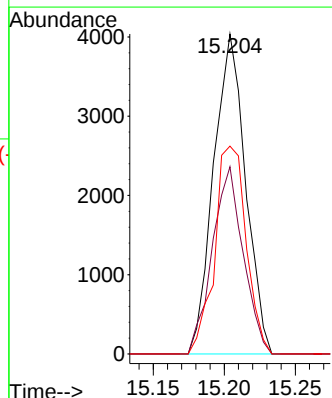
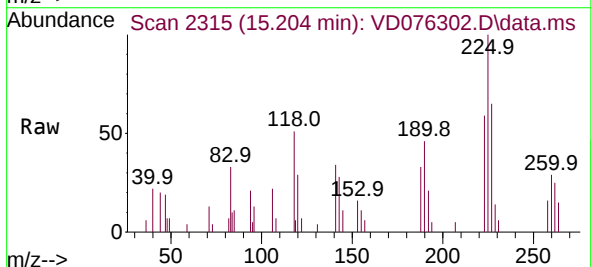
Tgt Ion:225 Resp: 6301

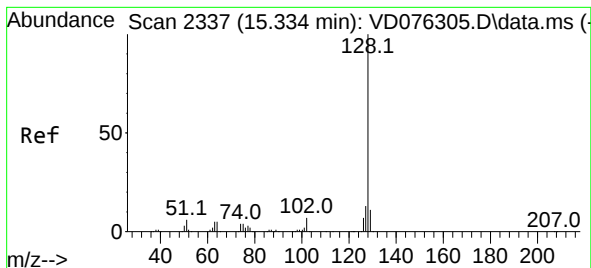
Ion Ratio Lower Upper

225 100

223 56.7 31.6 94.8

227 64.1 31.7 95.1





#95

Naphthalene

Concen: 7.168 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

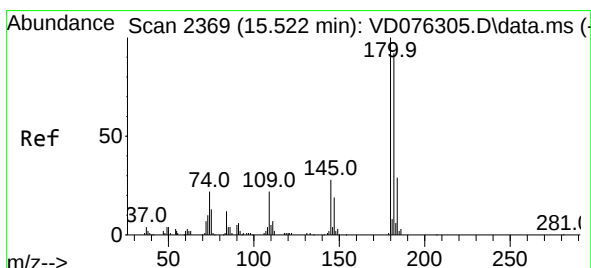
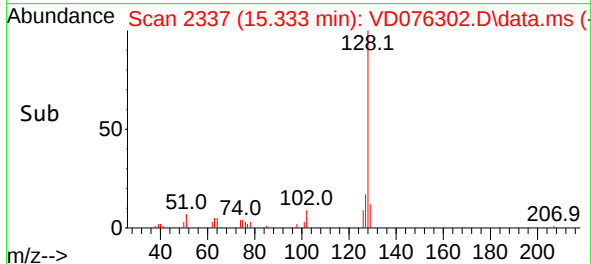
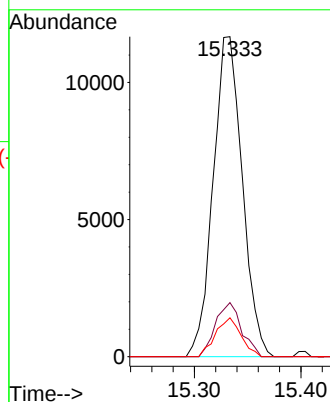
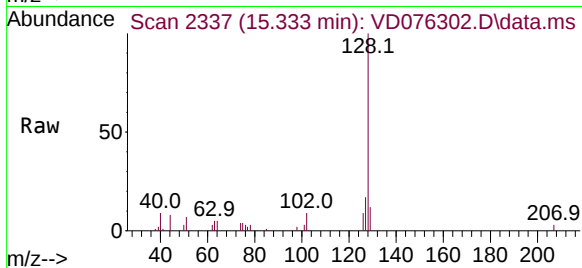
Tgt Ion:128 Resp: 22149

Ion Ratio Lower Upper

128 100

127 15.1 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.575 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076302.D

Acq: 01 Jun 2023 17:35

Tgt Ion:180 Resp: 11268

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 29.4 15.1 45.3

