

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074519.D
 Acq On : 11 Oct 2022 15:17
 Operator : VA/SY
 Sample : VSTDICV020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 12 03:09:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 03:06:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	68631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12852	19.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.520%#
35) Dibromofluoromethane	7.805	113	19799	22.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.840%#
50) Toluene-d8	10.269	98	47400	16.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	32.760%#
62) 4-Bromofluorobenzene	12.569	95	29984	28.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15557	17.396	ug/l	99
3) Chloromethane	2.146	50	22094	19.940	ug/l	88
4) Vinyl Chloride	2.281	62	21475	18.724	ug/l	95
5) Bromomethane	2.670	94	16740	21.489	ug/l	94
6) Chloroethane	2.828	64	15360	20.419	ug/l	99
7) Trichlorofluoromethane	3.170	101	32422	18.693	ug/l	94
8) Diethyl Ether	3.593	74	10137	19.072	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	22818	19.447	ug/l	95
10) Methyl Iodide	4.158	142	23876	18.620	ug/l	99
11) Tert butyl alcohol	5.022	59	10475	37.929	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	23220	19.468	ug/l	98
13) Acrolein	3.793	56	4584	117.834	ug/l	98
14) Allyl chloride	4.558	41	25275	19.218	ug/l	98
15) Acrylonitrile	5.252	53	20412	97.362	ug/l	97
16) Acetone	4.022	43	14825	83.264	ug/l	100
17) Carbon Disulfide	4.269	76	70455	19.974	ug/l	97
18) Methyl Acetate	4.564	43	11242	20.949	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	46292	20.312	ug/l	94
20) Methylene Chloride	4.799	84	36860	22.369	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	25253	19.285	ug/l	97
22) Diisopropyl ether	6.222	45	55784	21.220	ug/l	98
23) Vinyl Acetate	6.158	43	108722	92.989	ug/l	98
24) 1,1-Dichloroethane	6.111	63	40572	20.111	ug/l	98
25) 2-Butanone	7.087	43	22479	94.079	ug/l	98
26) 2,2-Dichloropropane	7.075	77	34994	19.545	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	28909	20.962	ug/l	98
28) Bromochloromethane	7.428	49	12208	23.014	ug/l	86
29) Tetrahydrofuran	7.446	42	13483	102.735	ug/l	97
30) Chloroform	7.593	83	41330	20.754	ug/l	93
31) Cyclohexane	7.881	56	32183	19.097	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	35099	19.705	ug/l	97
36) 1,1-Dichloropropene	8.010	75	29657	19.035	ug/l	98
37) Ethyl Acetate	7.169	43	10243	20.400	ug/l	98
38) Carbon Tetrachloride	7.987	117	27307	19.057	ug/l	92
39) Methylcyclohexane	9.275	83	37927	19.685	ug/l	98
40) Benzene	8.252	78	90228	19.634	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5353	17.712	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	20880	19.294	ug/l	99
43) Isopropyl Acetate	8.363	43	18220	19.596	ug/l #	83
44) Trichloroethene	9.028	130	25842	19.857	ug/l	95
45) 1,2-Dichloropropane	9.305	63	20865	19.941	ug/l	91
46) Dibromomethane	9.393	93	11634	19.967	ug/l	95
47) Bromodichloromethane	9.581	83	29114	20.090	ug/l	92
48) Methyl methacrylate	9.375	41	8995	20.102	ug/l	95
49) 1,4-Dioxane	9.387	88	2650	452.160	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	46875	102.177	ug/l	95
52) Toluene	10.334	92	58397	19.984	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	25522	19.882	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	31832	19.750	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16262	20.709	ug/l	94
56) Ethyl methacrylate	10.593	69	18348	20.520	ug/l	96
57) 1,3-Dichloropropane	10.881	76	27515	21.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	13962	75.624	ug/l	99
59) 2-Hexanone	10.916	43	31831	103.458	ug/l	99
60) Dibromochloromethane	11.075	129	19695	20.776	ug/l	98
61) 1,2-Dibromoethane	11.181	107	14917	20.446	ug/l	100
64) Tetrachloroethene	10.810	164	21499	19.753	ug/l	89
65) Chlorobenzene	11.604	112	63736	20.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	20872	19.572	ug/l	93
67) Ethyl Benzene	11.681	91	109282	19.491	ug/l	98
68) m/p-Xylenes	11.793	106	88638	39.706	ug/l	97
69) o-Xylene	12.116	106	41300	19.954	ug/l	98
70) Styrene	12.134	104	71802	20.476	ug/l	99
71) Bromoform	12.293	173	10775	20.210	ug/l #	97
73) Isopropylbenzene	12.416	105	108999	19.984	ug/l	100
74) N-amyl acetate	12.228	43	17064	19.990	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	17498	20.217	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	20009	38.873	ug/l #	1
77) Bromobenzene	12.693	156	24542	19.816	ug/l	97
78) n-propylbenzene	12.757	91	133711	20.204	ug/l	99
79) 2-Chlorotoluene	12.845	91	71733	20.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	88409	19.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	4183	17.553	ug/l	96
82) 4-Chlorotoluene	12.945	91	72484	20.218	ug/l	97
83) tert-Butylbenzene	13.163	119	76708	19.770	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	87833	19.988	ug/l	98
85) sec-Butylbenzene	13.340	105	116816	19.778	ug/l	99
86) p-Isopropyltoluene	13.457	119	96438	19.559	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	50058	19.876	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	49164	19.737	ug/l	98
89) n-Butylbenzene	13.781	91	91657	19.895	ug/l	98
90) Hexachloroethane	14.045	117	16834	19.237	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	42607	19.778	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2406	19.758	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	27107	19.121	ug/l	97
94) Hexachlorobutadiene	15.198	225	13737	18.554	ug/l	99
95) Naphthalene	15.322	128	50618	19.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	23097	18.881	ug/l	96

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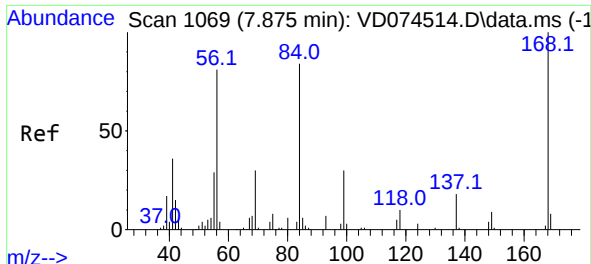
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

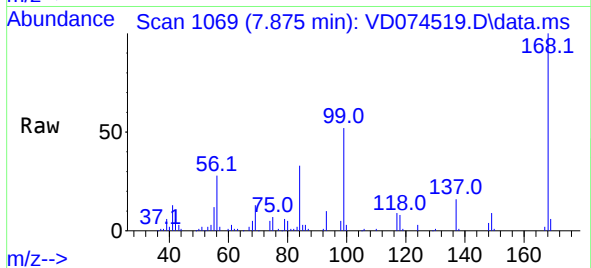
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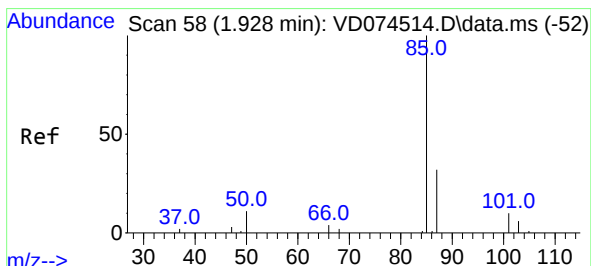
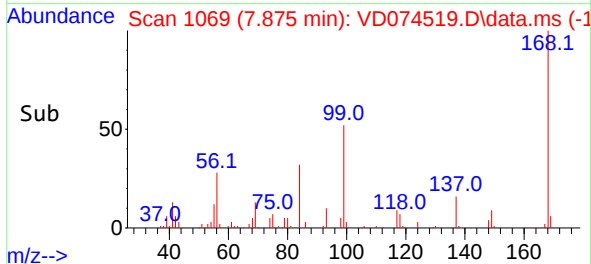
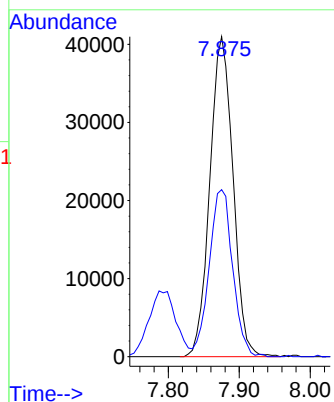


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

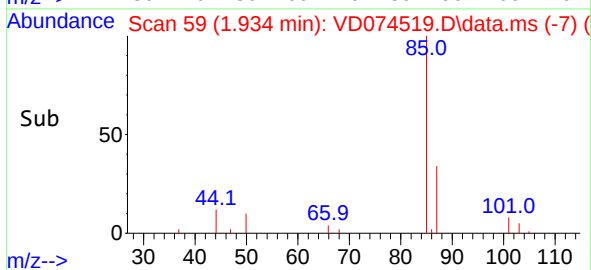
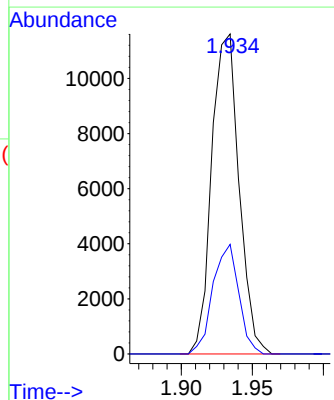
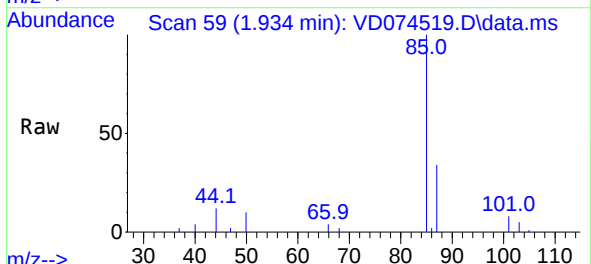


Tgt Ion:168 Resp: 92708
 Ion Ratio Lower Upper
 168 100
 99 52.2 40.9 61.3

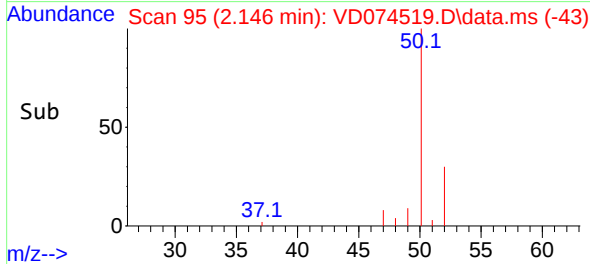
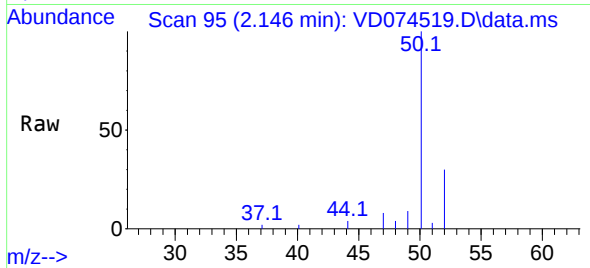
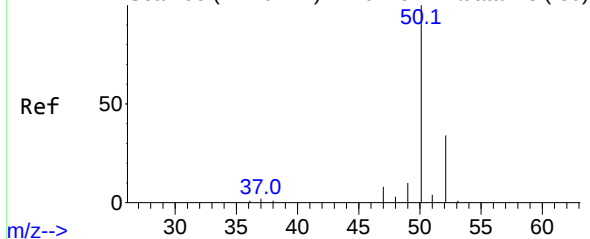


#2
 Dichlorodifluoromethane
 Concen: 17.396 ug/l
 RT: 1.934 min Scan# 59
 Delta R.T. 0.006 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

Tgt Ion: 85 Resp: 15557
 Ion Ratio Lower Upper
 85 100
 87 34.3 17.5 52.6



Abundance Scan 95 (2.146 min): VD074514.D\data.ms (-89)



#3

Chloromethane

Concen: 19.940 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.006 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

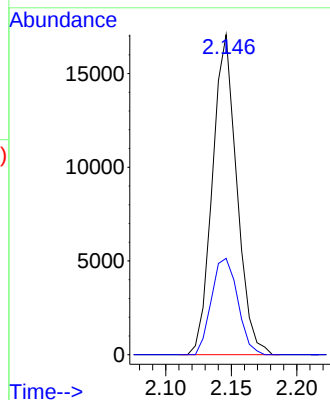
VSTDICC020

Tgt Ion: 50 Resp: 22094

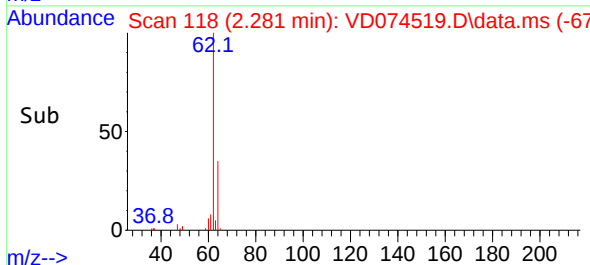
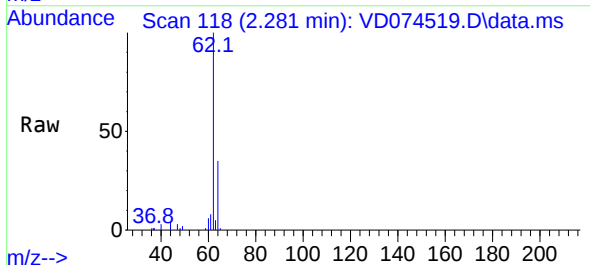
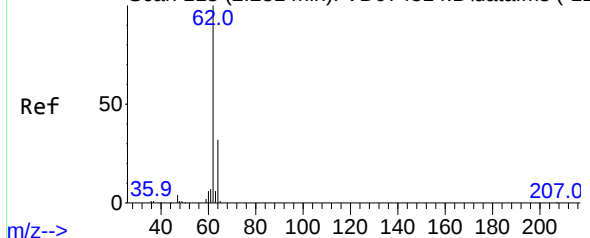
Ion Ratio Lower Upper

50 100

52 30.1 30.0 45.0



Abundance Scan 118 (2.281 min): VD074514.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 18.724 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD074519.D

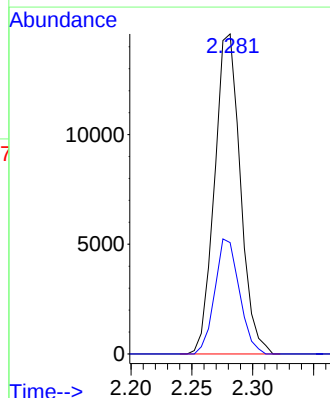
Acq: 11 Oct 2022 15:17

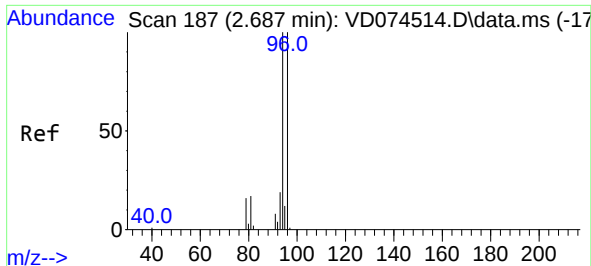
Tgt Ion: 62 Resp: 21475

Ion Ratio Lower Upper

62 100

64 34.8 25.5 38.3

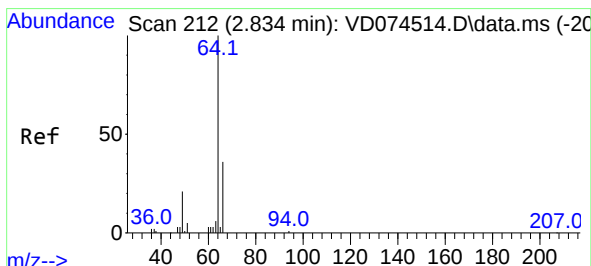
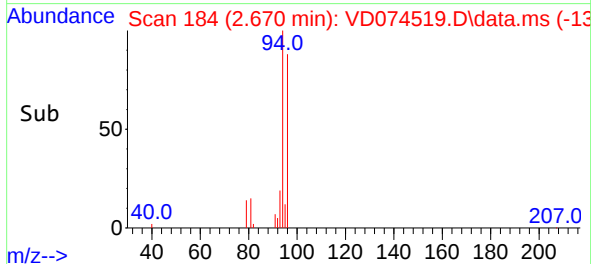
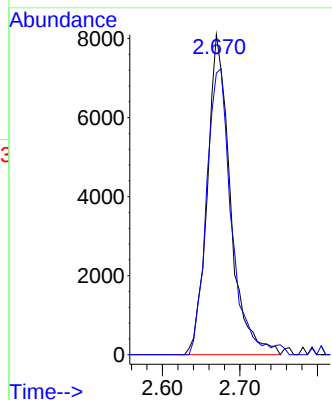
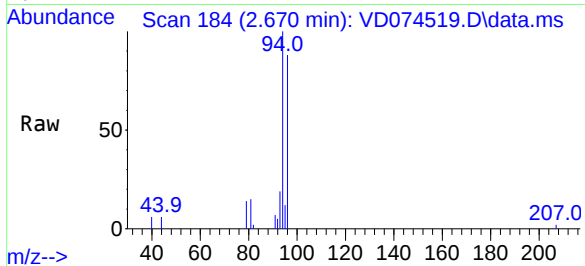




#5
Bromomethane
Concen: 21.489 ug/l
RT: 2.670 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

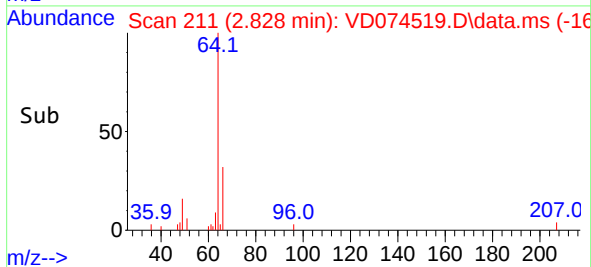
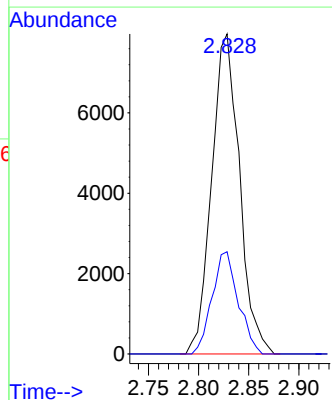
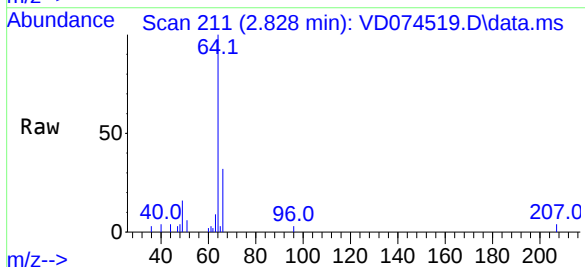
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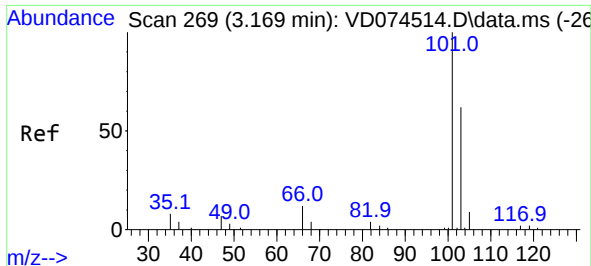
Tgt Ion: 94 Resp: 16740
Ion Ratio Lower Upper
94 100
96 88.0 74.6 112.0



#6
Chloroethane
Concen: 20.419 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 64 Resp: 15360
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.8

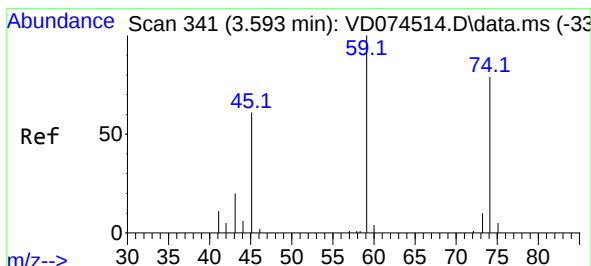
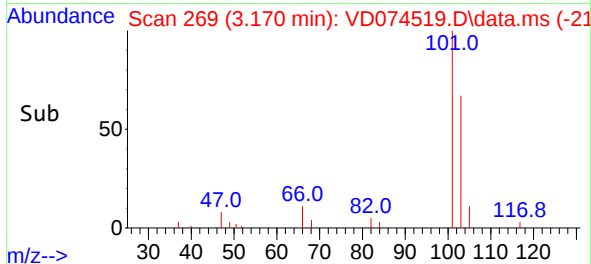
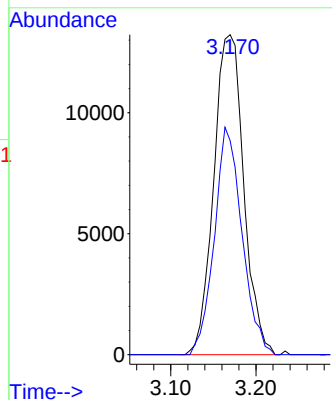
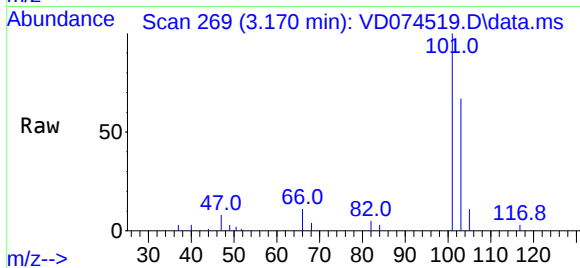




#7
Trichlorofluoromethane
Concen: 18.693 ug/l
RT: 3.170 min Scan# 269
Delta R.T. 0.001 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

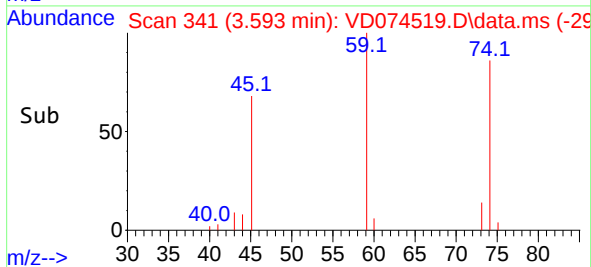
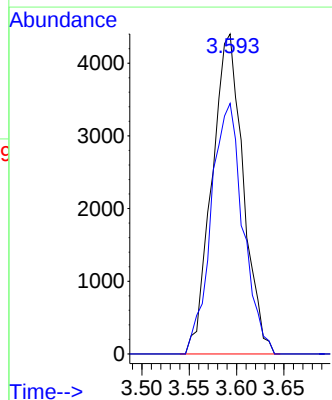
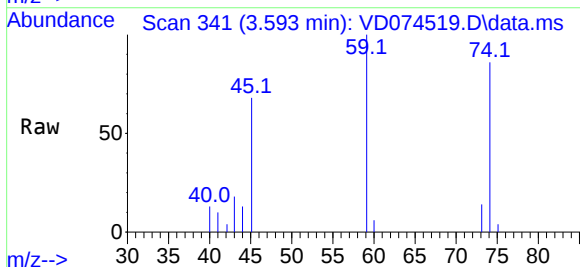
Instrument :
MSVOA_D
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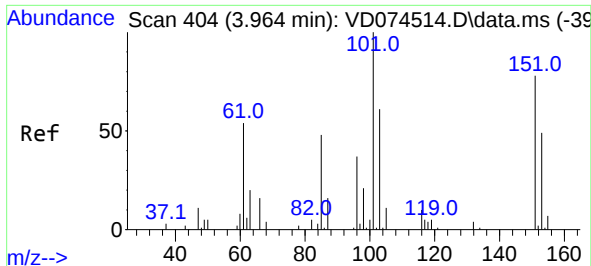
Tgt Ion:101 Resp: 32422
Ion Ratio Lower Upper
101 100
103 66.9 49.8 74.8



#8
Diethyl Ether
Concen: 19.072 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 74 Resp: 10137
Ion Ratio Lower Upper
74 100
45 79.9 37.9 113.6

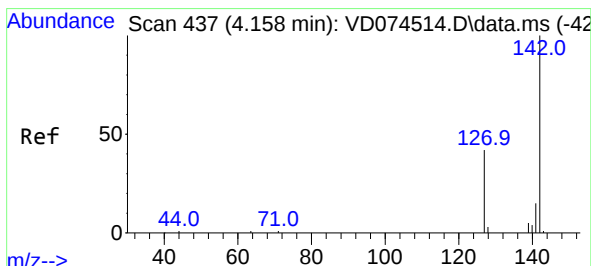
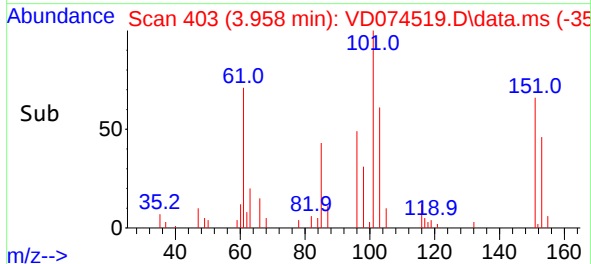
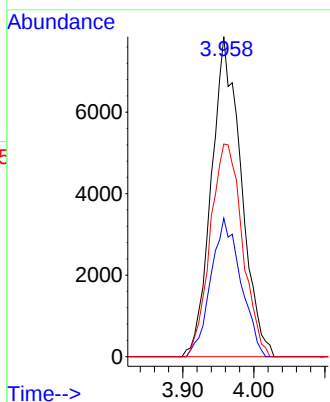
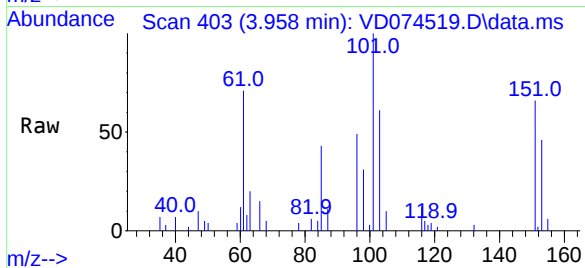




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.447 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.005 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

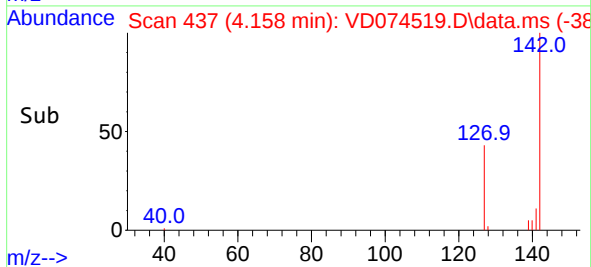
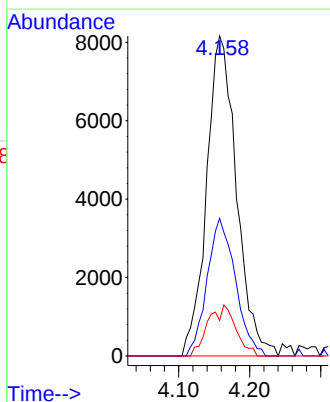
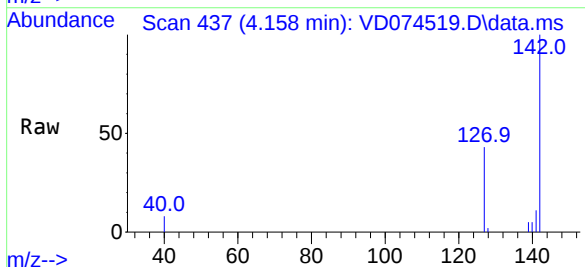
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

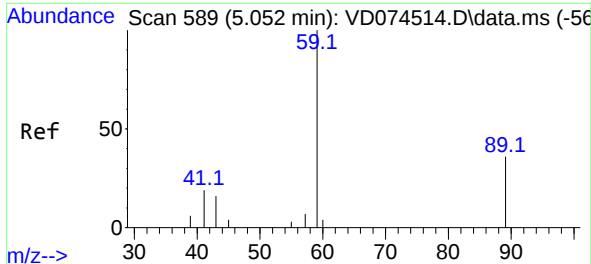
Tgt Ion:101 Resp: 22818
Ion Ratio Lower Upper
101 100
85 43.6 34.1 51.1
151 71.8 61.7 92.5



#10
Methyl Iodide
Concen: 18.620 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:142 Resp: 23876
Ion Ratio Lower Upper
142 100
127 40.7 31.9 47.9
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 37.929 ug/l

RT: 5.022 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

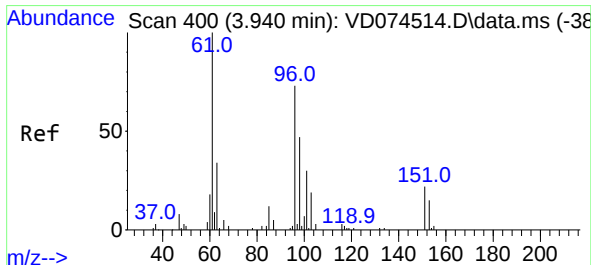
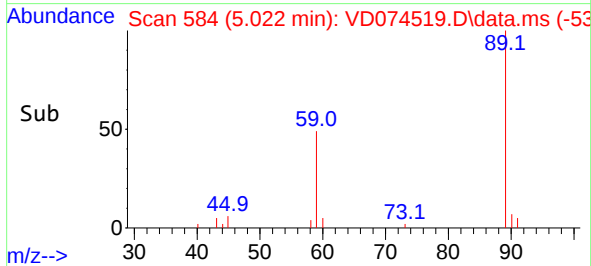
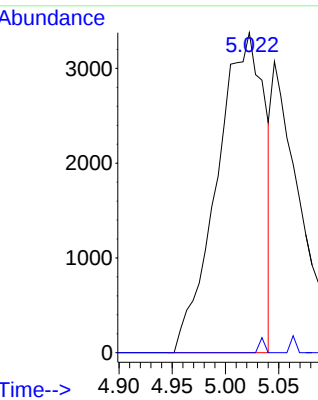
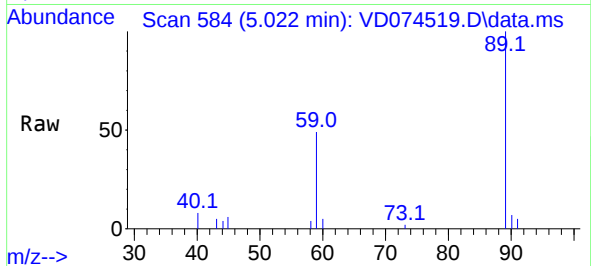
VSTDIC020

Tgt Ion: 59 Resp: 10475

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 19.468 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

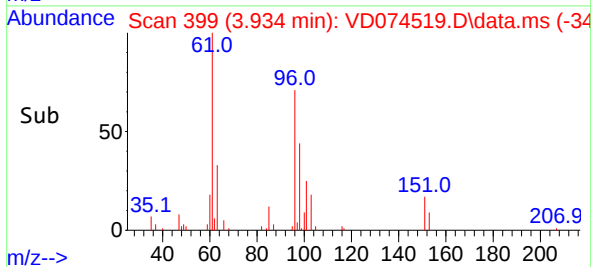
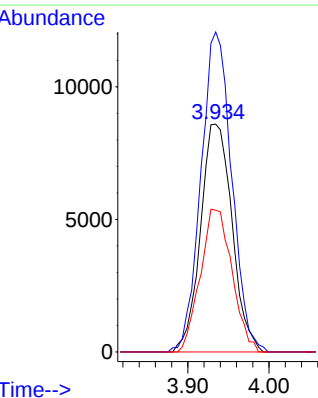
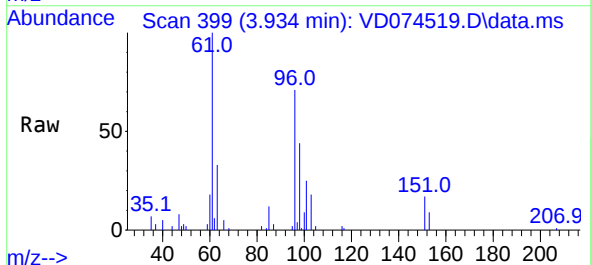
Tgt Ion: 96 Resp: 23220

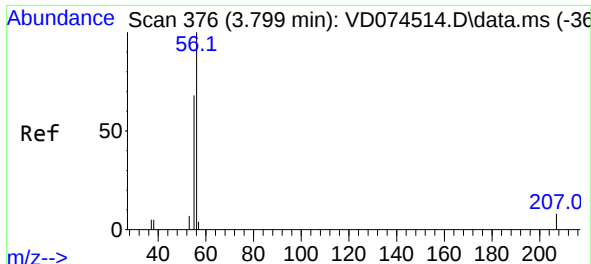
Ion Ratio Lower Upper

96 100

61 140.4 113.9 170.9

98 62.2 51.8 77.8

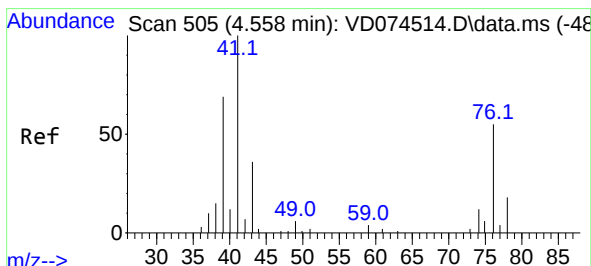
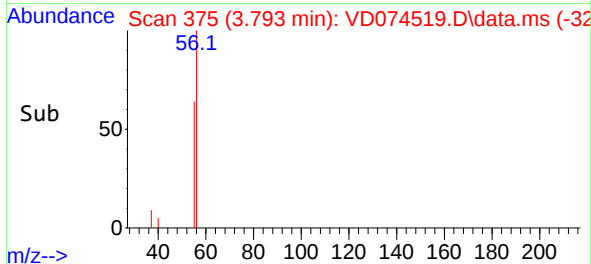
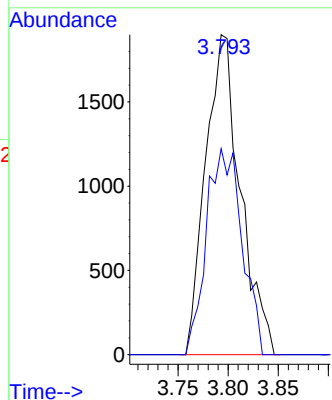
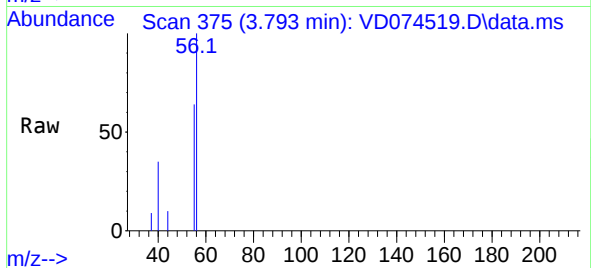




#13
Acrolein
Concen: 117.834 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

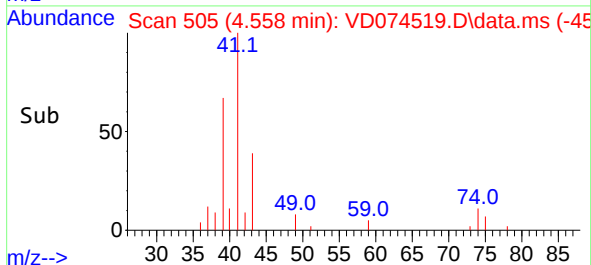
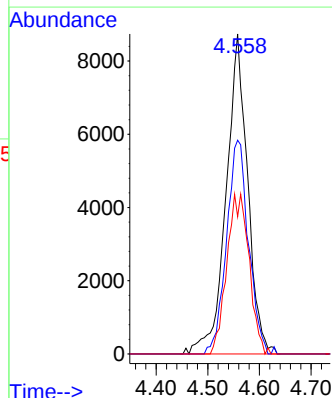
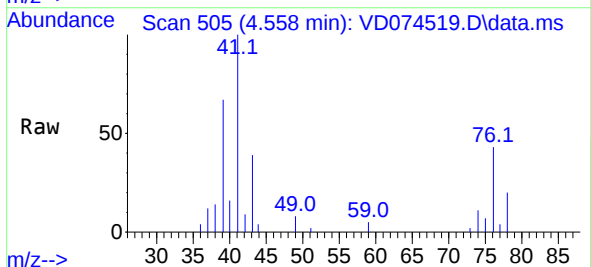
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

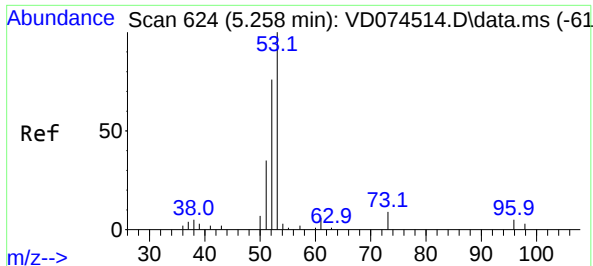
Tgt Ion: 56 Resp: 4584
Ion Ratio Lower Upper
56 100
55 65.7 54.0 81.0



#14
Allyl chloride
Concen: 19.218 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 41 Resp: 25275
Ion Ratio Lower Upper
41 100
39 67.8 53.4 80.2
76 51.6 42.4 63.6

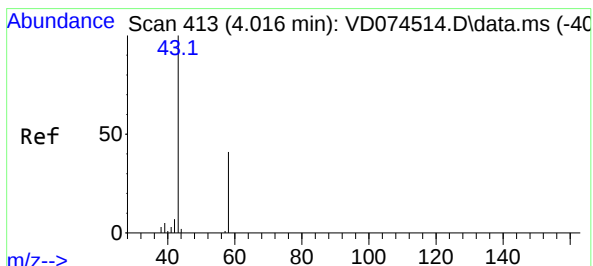
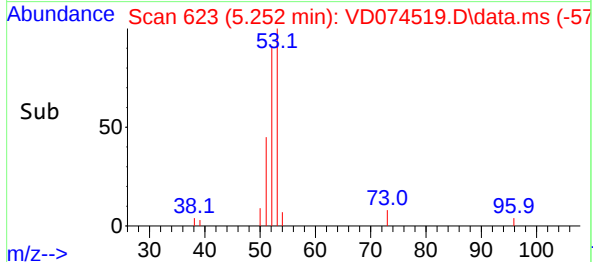
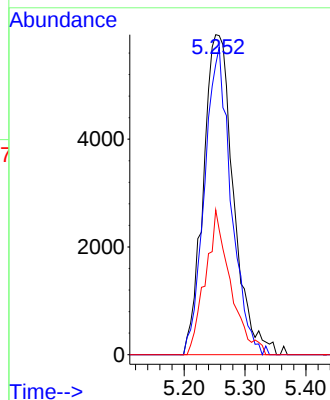
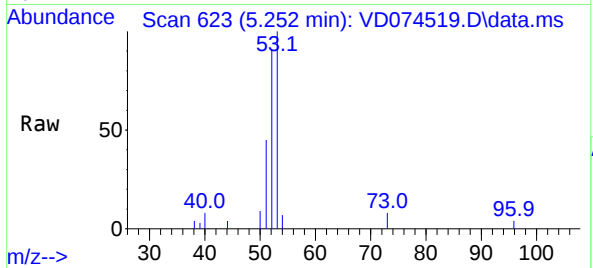




#15
Acrylonitrile
Concen: 97.362 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

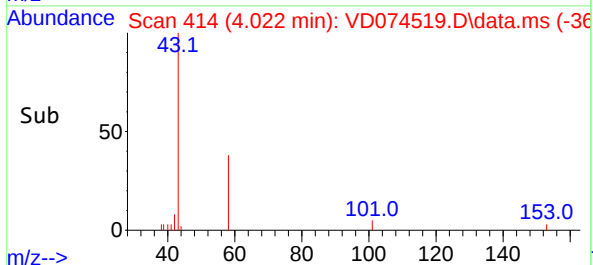
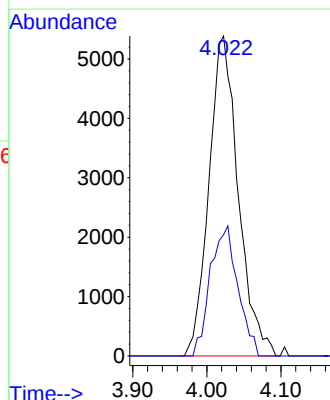
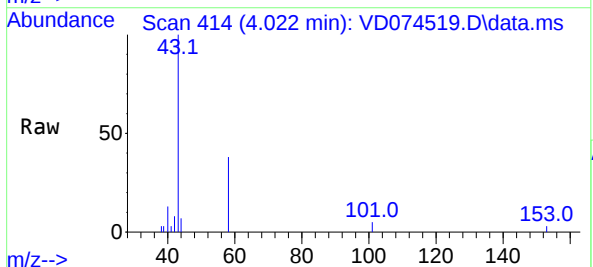
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

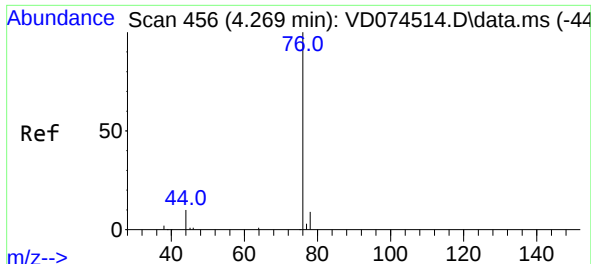
Tgt Ion: 53	Resp: 20412
Ion Ratio	Lower Upper
53 100	
52 84.9	66.0 99.0
51 37.8	28.3 42.5



#16
Acetone
Concen: 83.264 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 43	Resp: 14825
Ion Ratio	Lower Upper
43 100	
58 37.9	30.2 45.2

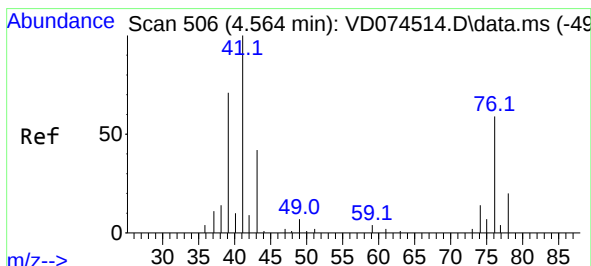
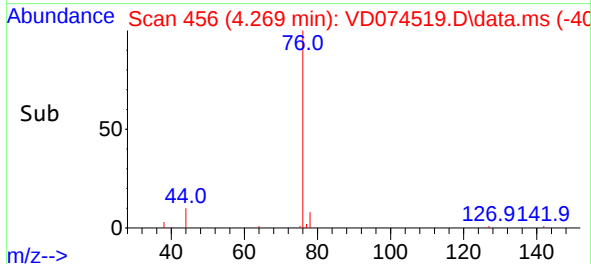
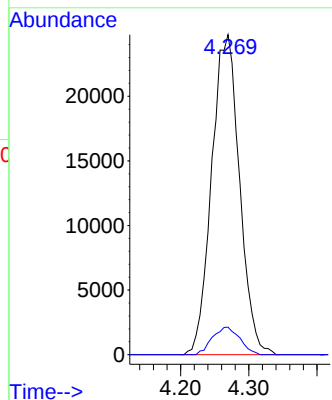
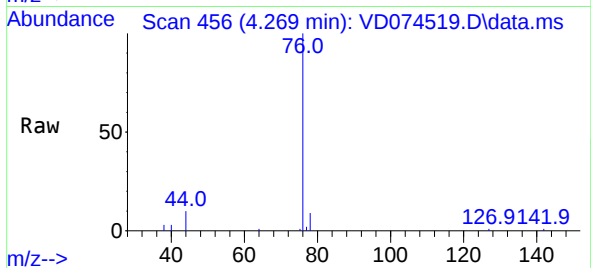




#17
Carbon Disulfide
Concen: 19.974 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

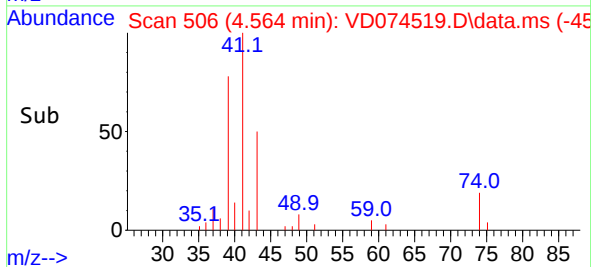
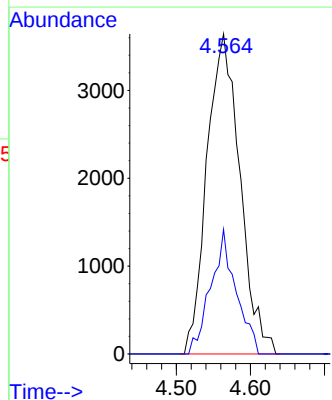
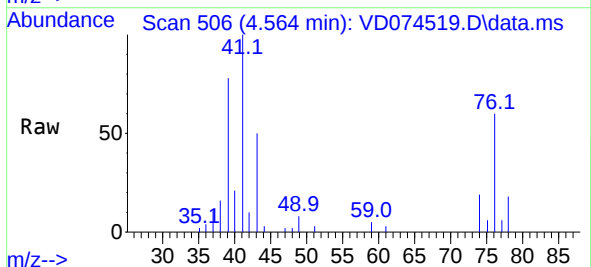
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

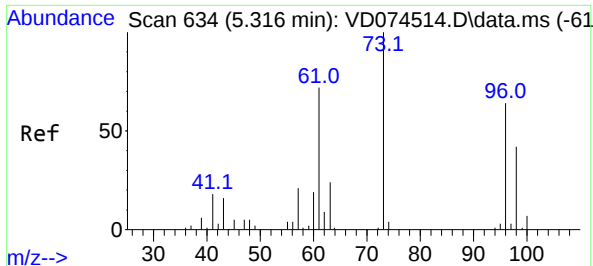
Tgt Ion: 76 Resp: 70455
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8



#18
Methyl Acetate
Concen: 20.949 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 43 Resp: 11242
Ion Ratio Lower Upper
43 100
74 29.7 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.312 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

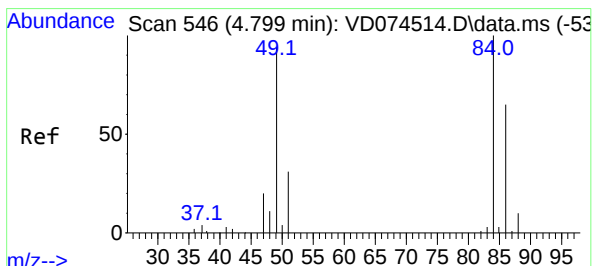
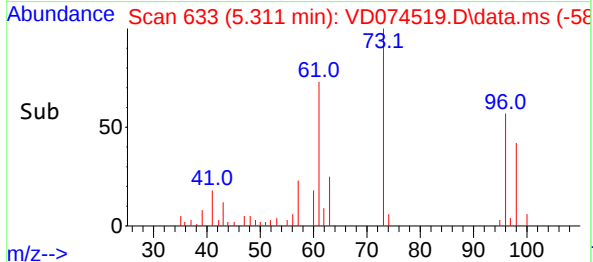
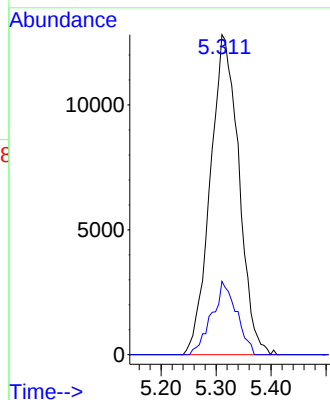
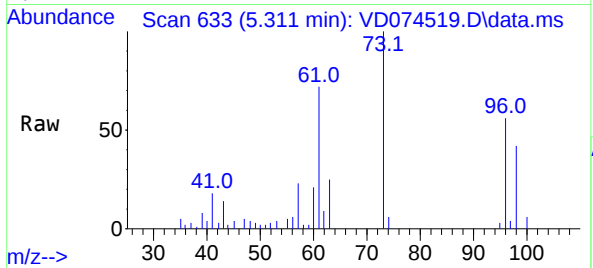
VSTDIC020

Tgt Ion: 73 Resp: 46292

Ion Ratio Lower Upper

73 100

57 22.9 16.1 24.1



#20

Methylene Chloride

Concen: 22.369 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Tgt Ion: 84 Resp: 36860

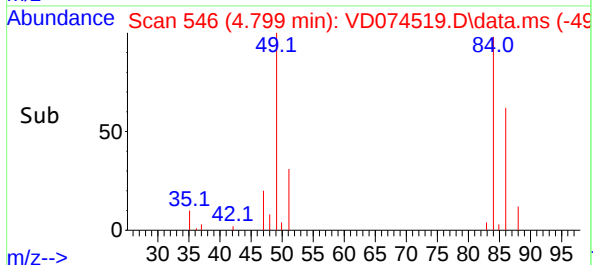
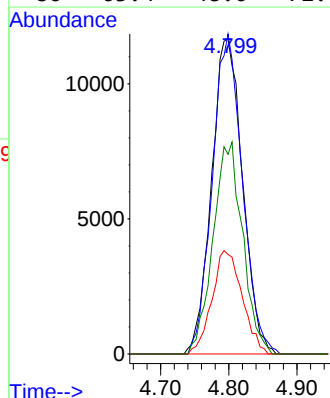
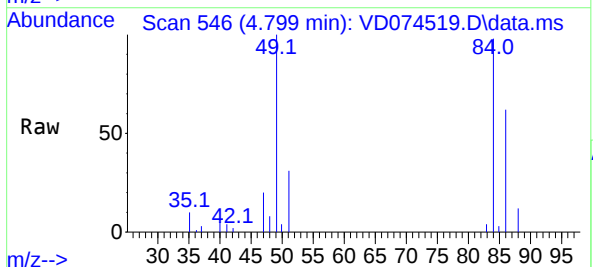
Ion Ratio Lower Upper

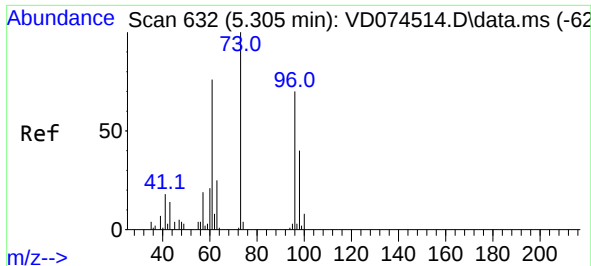
84 100

49 101.6 68.0 102.0

51 31.6 23.2 34.8

86 63.4 48.0 72.0

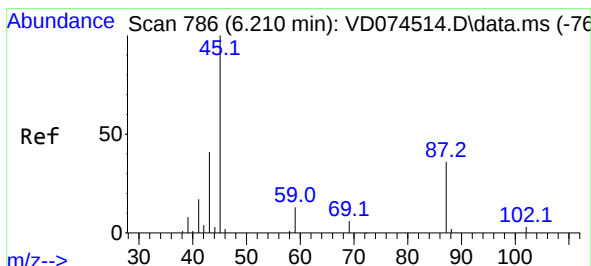
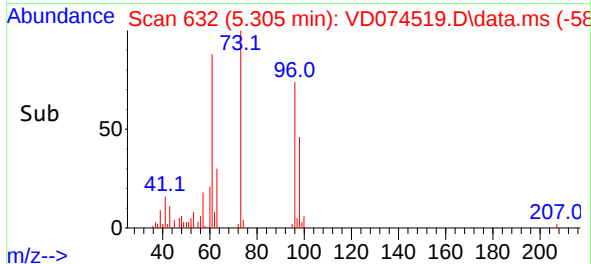
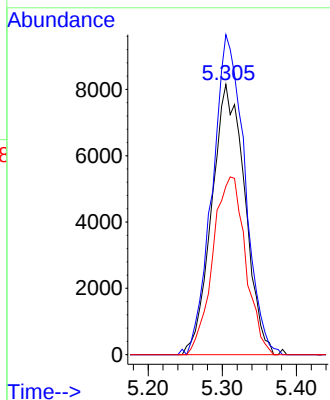
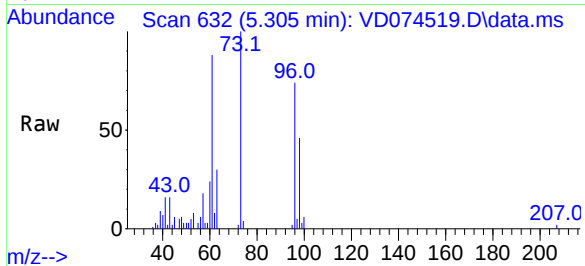




#21
trans-1,2-Dichloroethene
Concen: 19.285 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

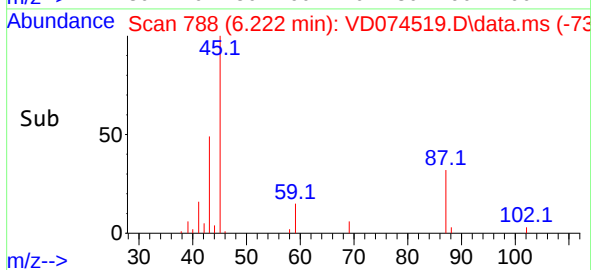
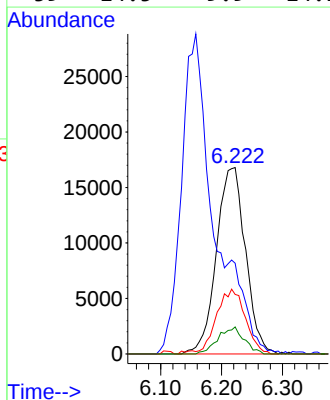
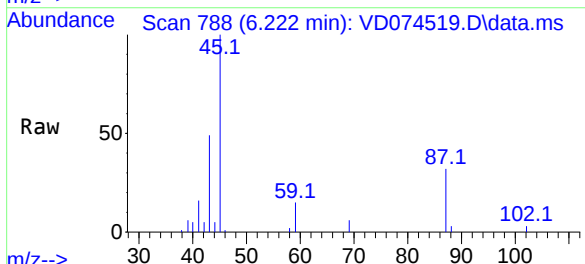
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

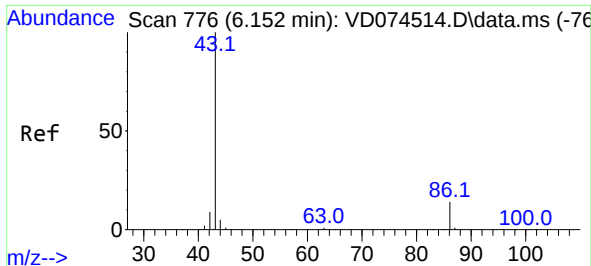
Tgt Ion: 96 Resp: 25253
Ion Ratio Lower Upper
96 100
61 118.4 95.7 143.5
98 62.3 54.8 82.2



#22
Diisopropyl ether
Concen: 21.220 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 45 Resp: 55784
Ion Ratio Lower Upper
45 100
43 47.1 37.8 56.6
87 32.0 26.6 40.0
59 14.5 9.9 14.9

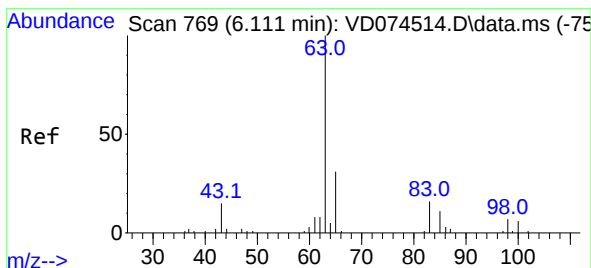
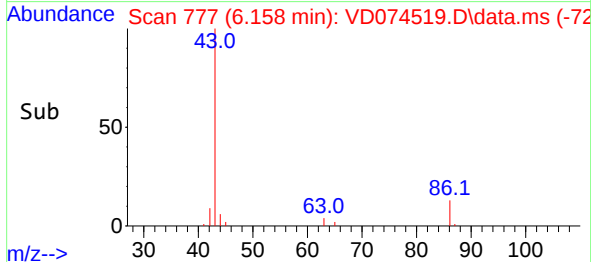
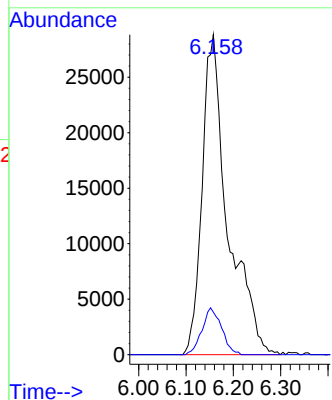
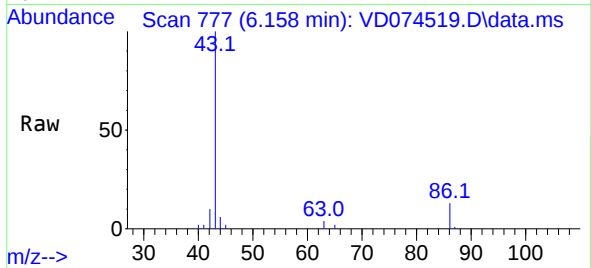




#23
 Vinyl Acetate
 Concen: 92.989 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.001 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

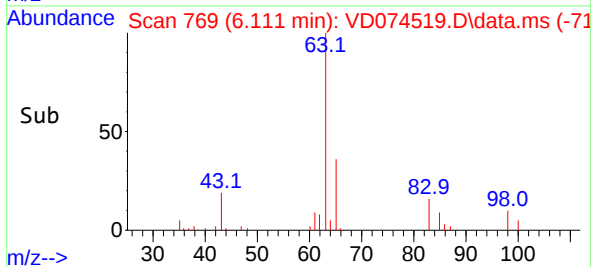
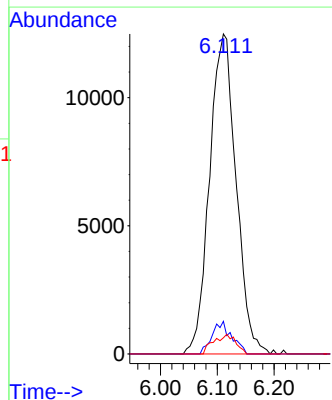
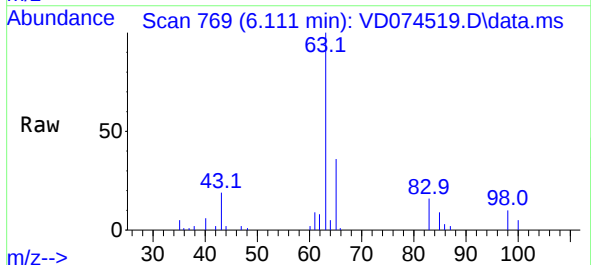
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

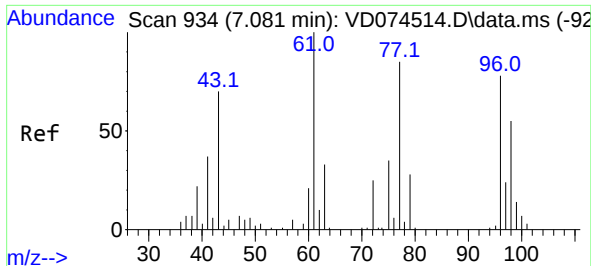
Tgt Ion: 43 Resp: 108722
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.111 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

Tgt Ion: 63 Resp: 40572
 Ion Ratio Lower Upper
 63 100
 98 10.2 4.6 13.8
 100 5.0 2.9 8.6

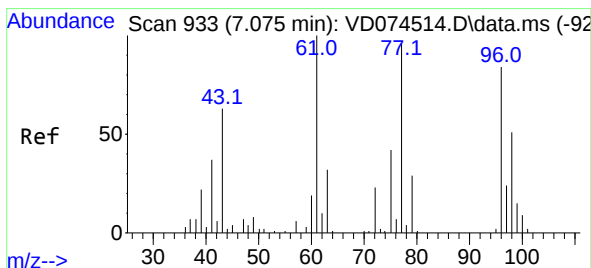
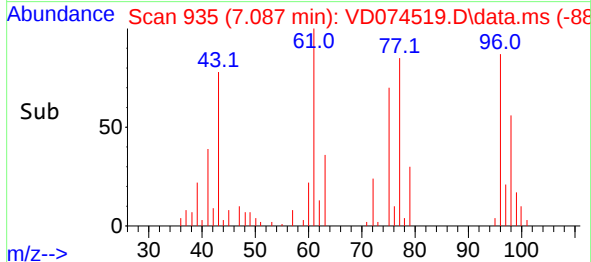
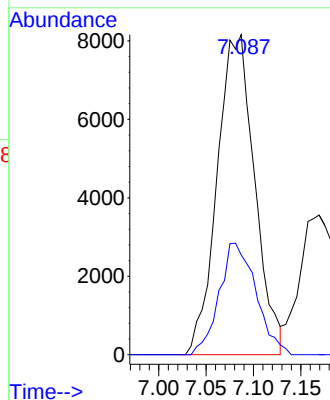
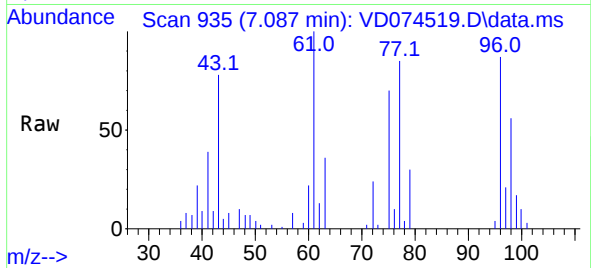




#25
2-Butanone
Concen: 94.079 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

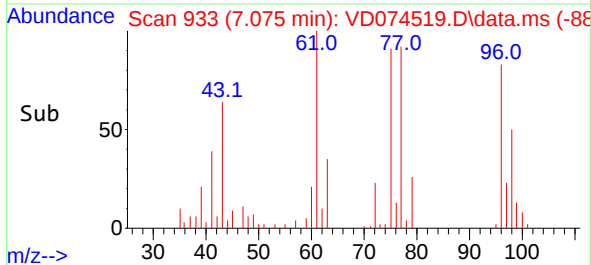
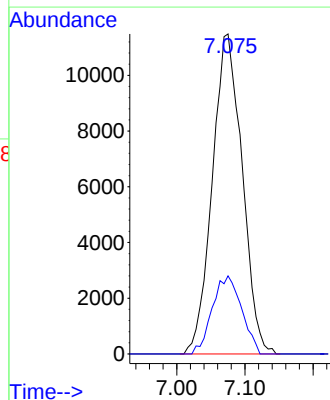
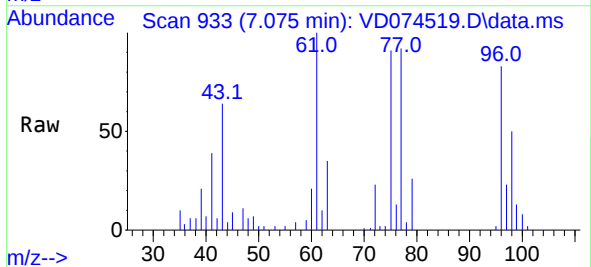
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

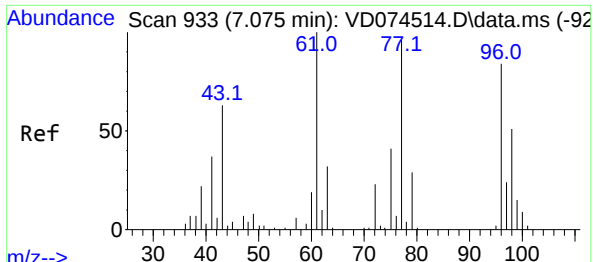
Tgt Ion: 43 Resp: 22479
Ion Ratio Lower Upper
43 100
72 31.2 25.8 38.8



#26
2,2-Dichloropropane
Concen: 19.545 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

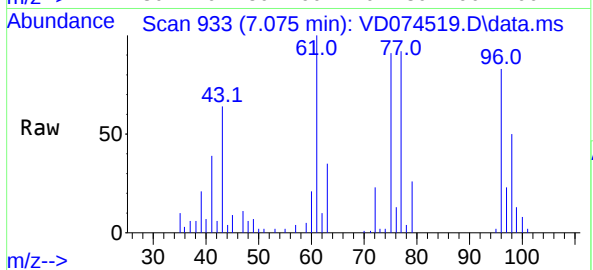
Tgt Ion: 77 Resp: 34994
Ion Ratio Lower Upper
77 100
97 23.9 12.5 37.5





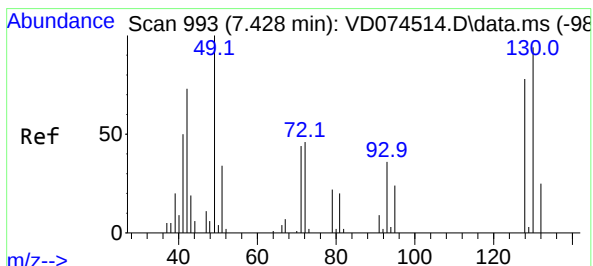
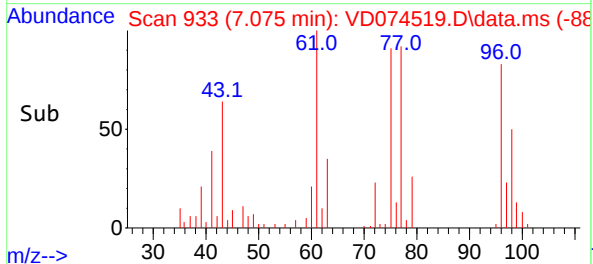
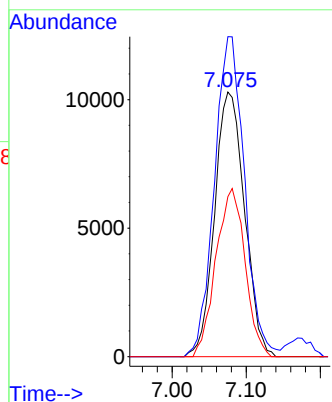
#27
cis-1,2-Dichloroethene
Concen: 20.962 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 28909

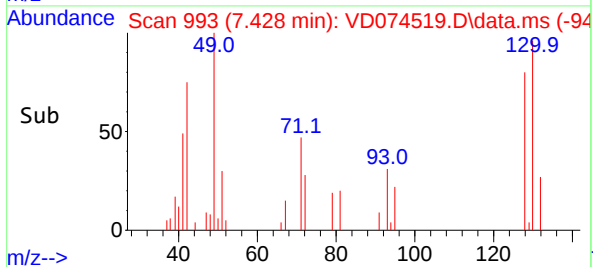
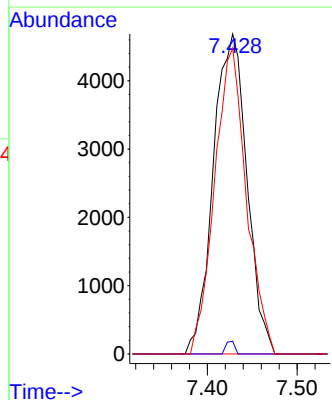
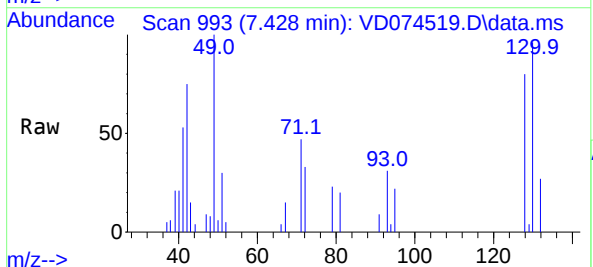
Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	242.4
98	61.8	0.0	130.0

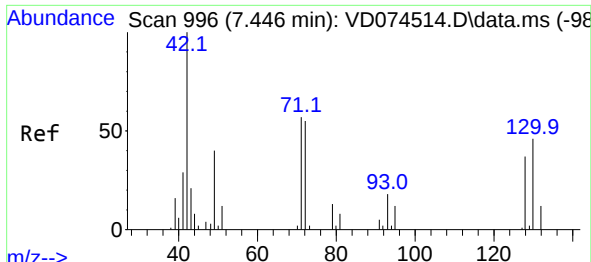


#28
Bromochloromethane
Concen: 23.014 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 49 Resp: 12208

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	90.4	84.1	126.1

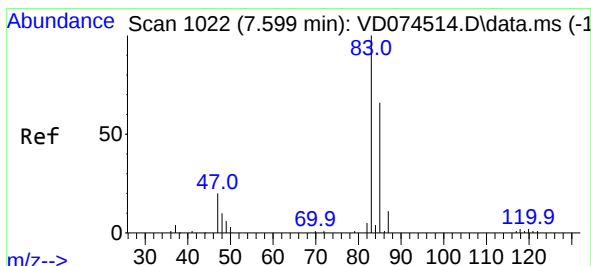
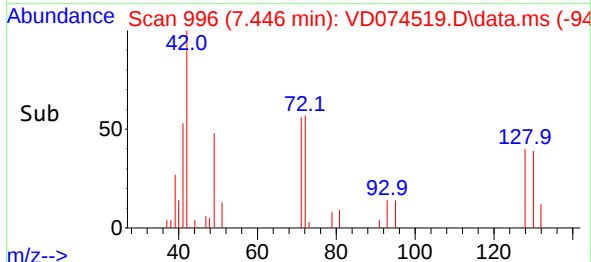
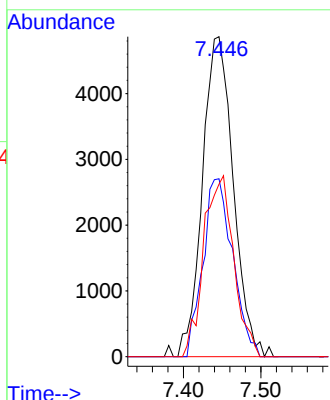
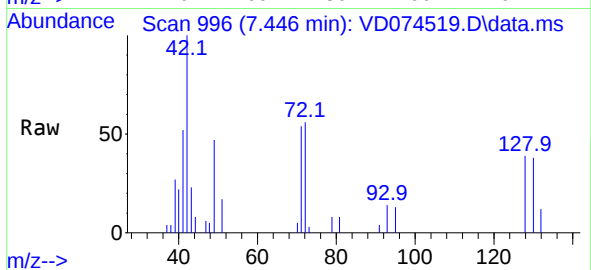




#29
Tetrahydrofuran
Concen: 102.735 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

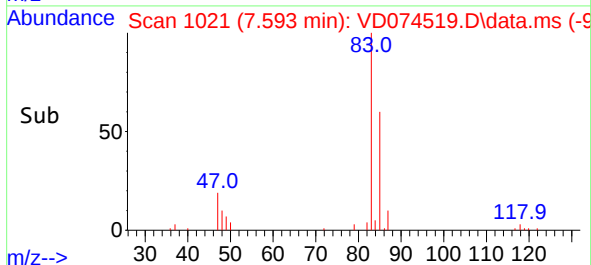
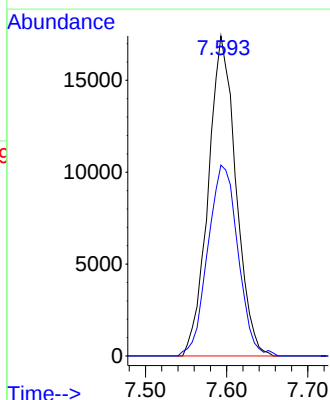
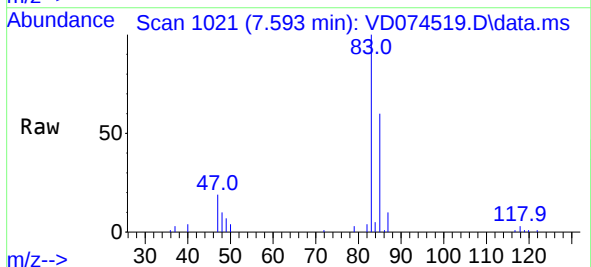
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

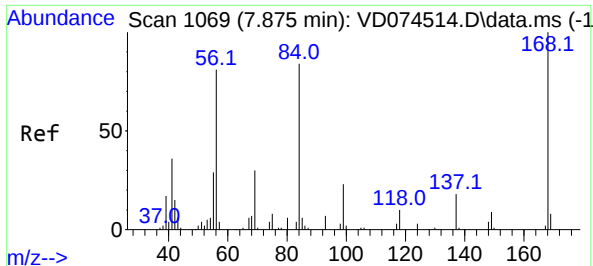
Tgt Ion:	42	Resp:	13483
Ion	Ratio	Lower	Upper
42	100		
72	53.7	45.8	68.6
71	55.1	44.6	66.8



#30
Chloroform
Concen: 20.754 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:	83	Resp:	41330
Ion	Ratio	Lower	Upper
83	100		
85	59.7	52.0	78.0

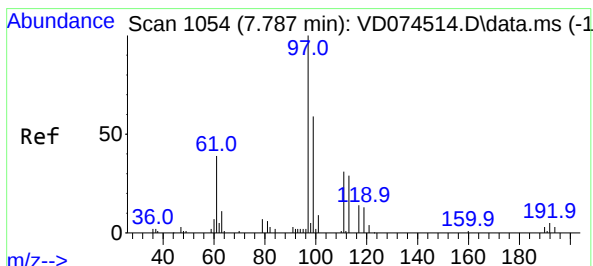
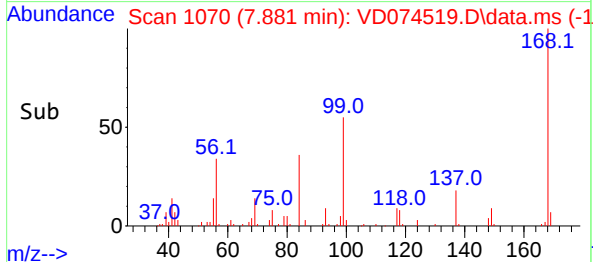
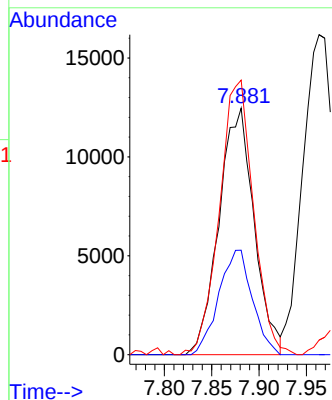
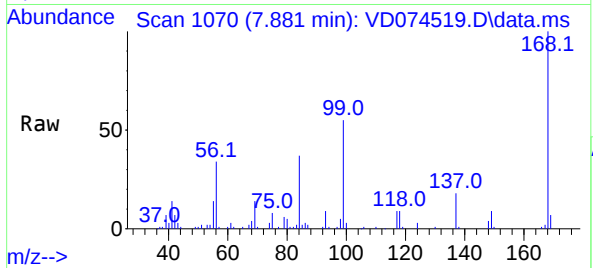




#31
Cyclohexane
Concen: 19.097 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

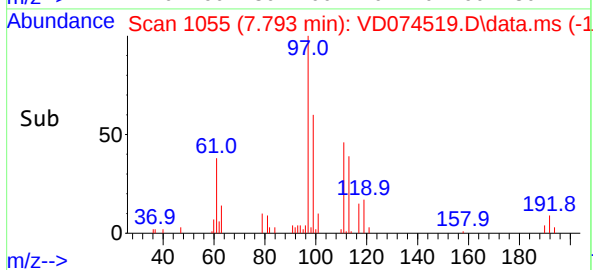
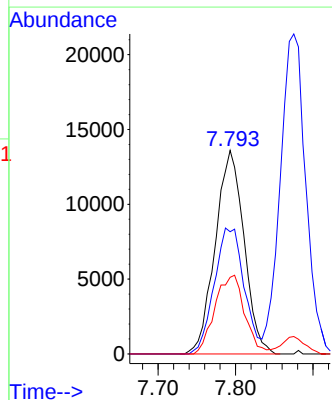
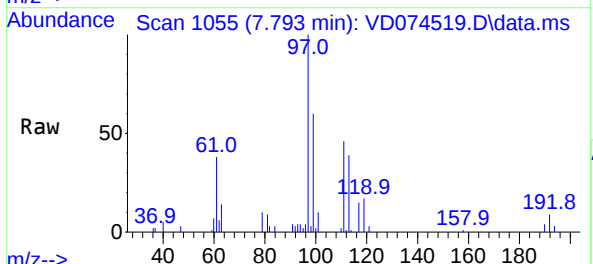
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

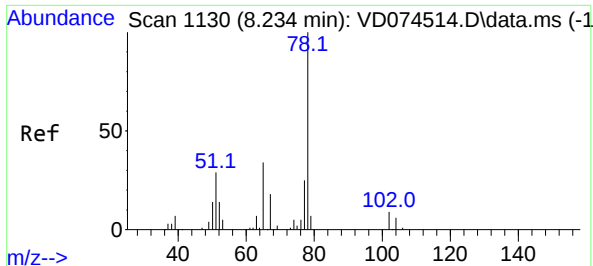
Tgt Ion: 56 Resp: 32183
Ion Ratio Lower Upper
56 100
69 42.4 29.2 43.8
84 111.3 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 19.705 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 97 Resp: 35099
Ion Ratio Lower Upper
97 100
99 64.6 53.3 79.9
61 39.9 30.2 45.4

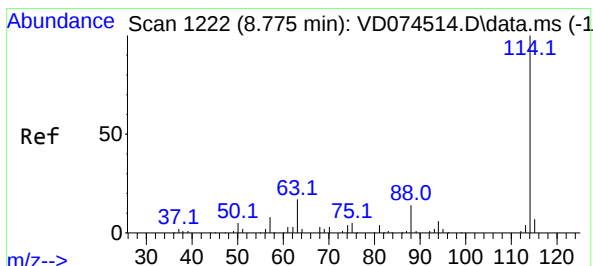
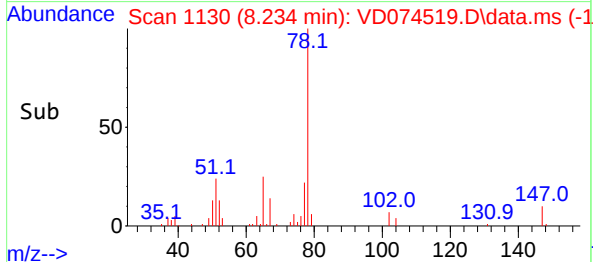
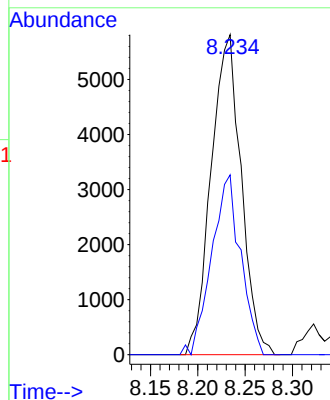
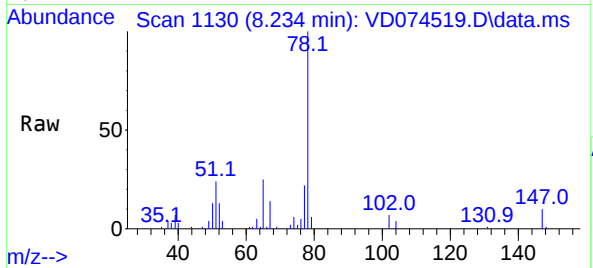




#33
1,2-Dichloroethane-d4
Concen: 19.261 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

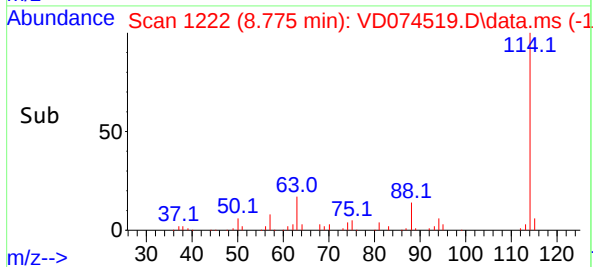
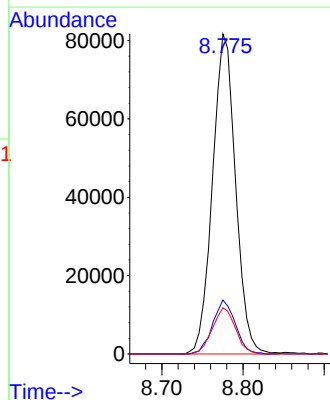
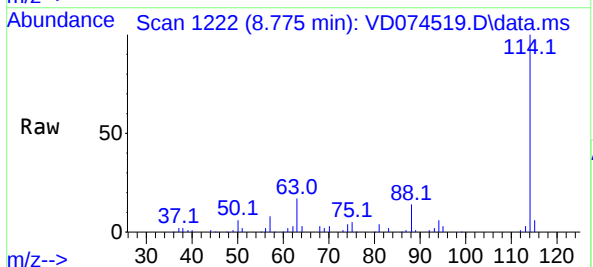
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

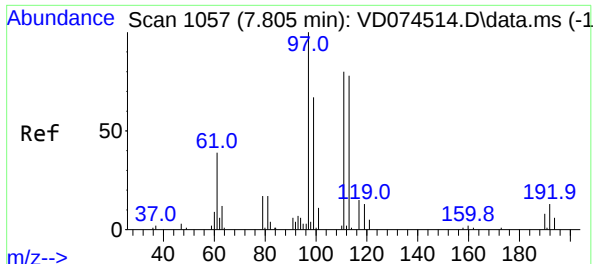
Tgt Ion: 65 Resp: 12852
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 114 Resp: 161053
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 14.4 0.0 28.2

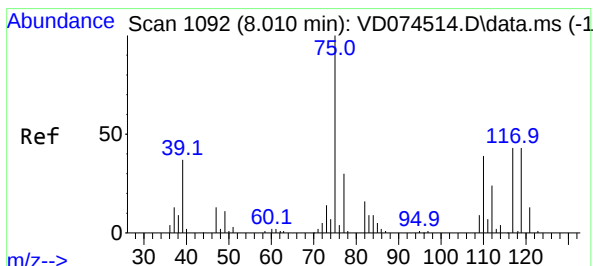
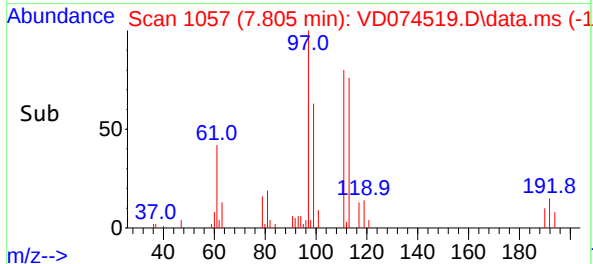
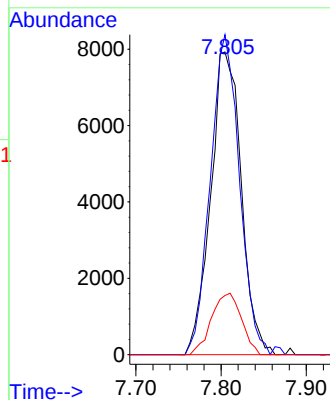
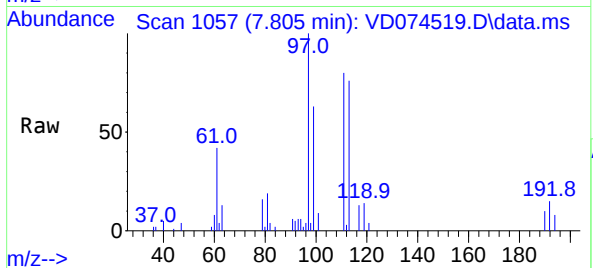




#35
Dibromofluoromethane
Concen: 22.424 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

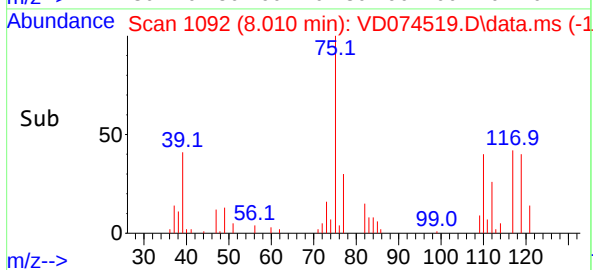
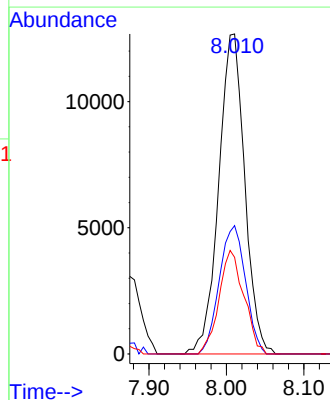
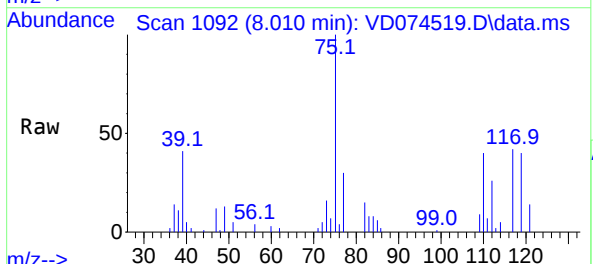
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

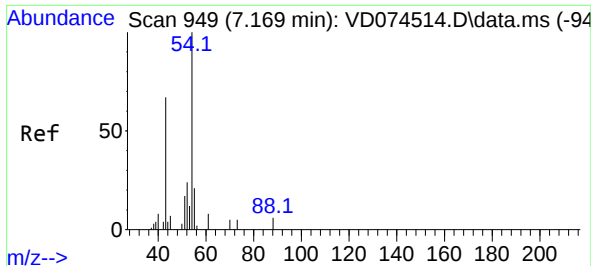
Tgt Ion:113 Resp: 19799
Ion Ratio Lower Upper
113 100
111 100.5 82.3 123.5
192 19.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 19.035 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 75 Resp: 29657
Ion Ratio Lower Upper
75 100
110 40.4 19.7 59.0
77 31.0 25.4 38.2

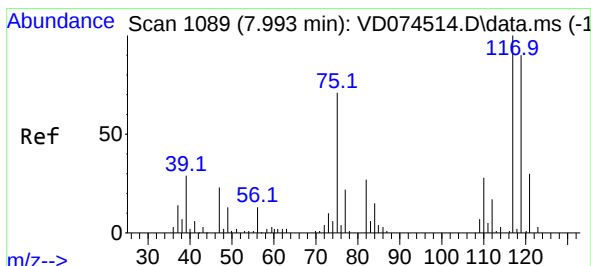
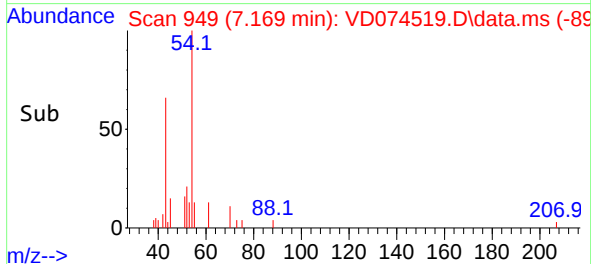
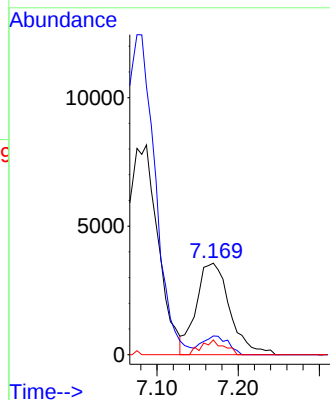
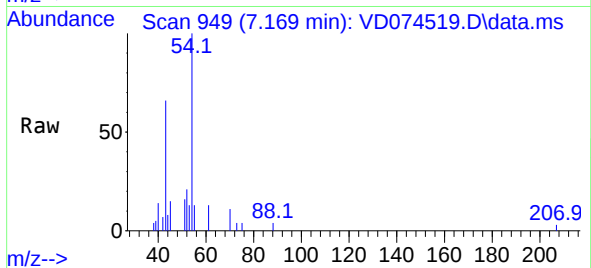




#37
Ethyl Acetate
Concen: 20.400 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

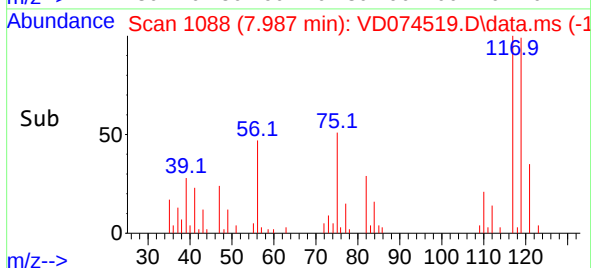
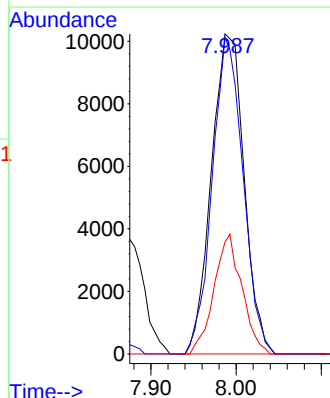
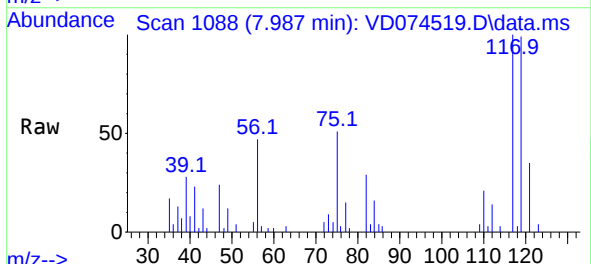
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

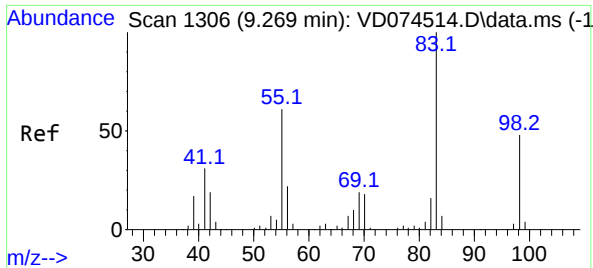
Tgt Ion:	43	Resp:	10243
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.2	18.4
70	10.6	9.6	14.4



#38
Carbon Tetrachloride
Concen: 19.057 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:	117	Resp:	27307
Ion	Ratio	Lower	Upper
117	100		
119	98.9	73.1	109.7
121	35.0	25.0	37.6





#39

Methylcyclohexane

Concen: 19.685 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

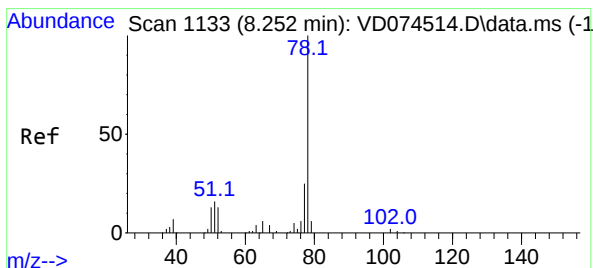
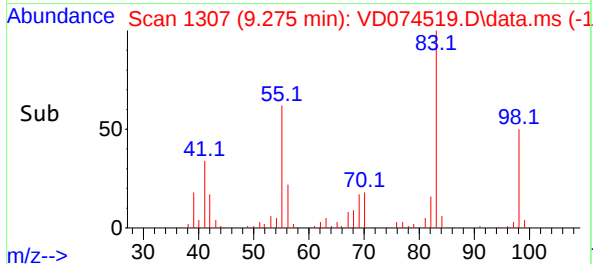
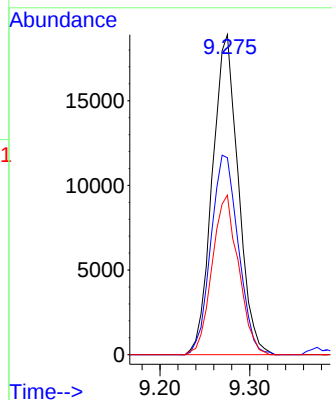
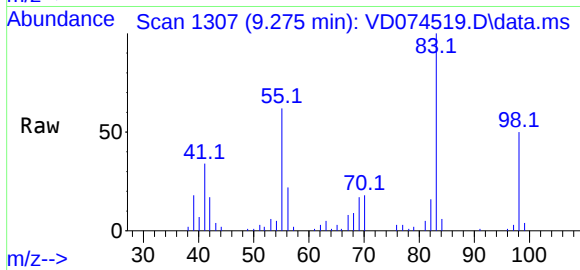
Tgt Ion: 83 Resp: 37927

Ion Ratio Lower Upper

83 100

55 61.5 49.0 73.4

98 49.8 41.7 62.5



#40

Benzene

Concen: 19.634 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074519.D

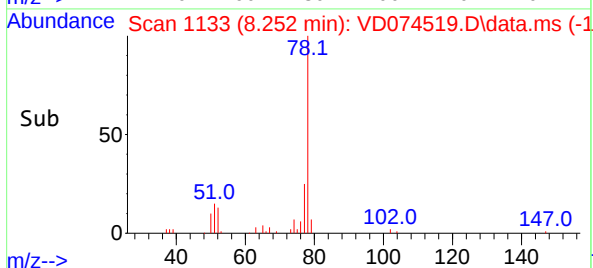
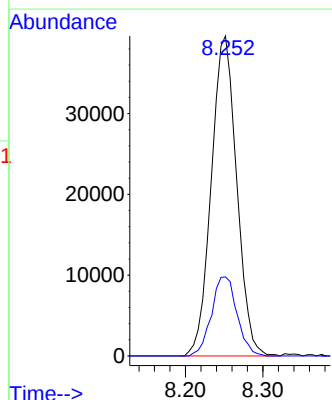
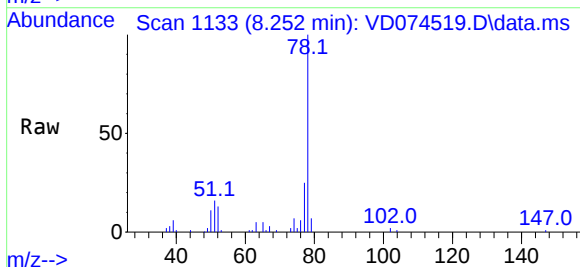
Acq: 11 Oct 2022 15:17

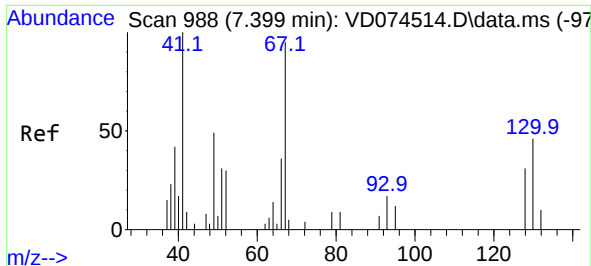
Tgt Ion: 78 Resp: 90228

Ion Ratio Lower Upper

78 100

77 24.7 20.1 30.1

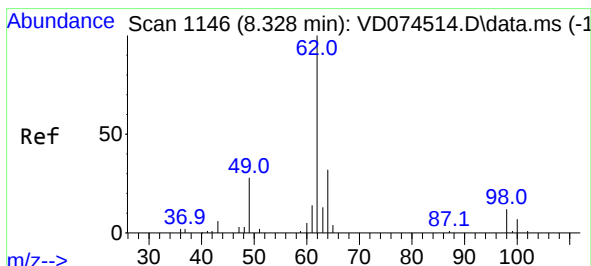
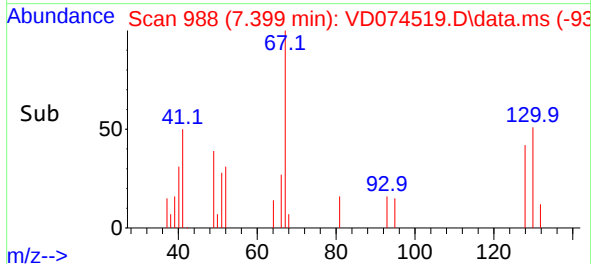
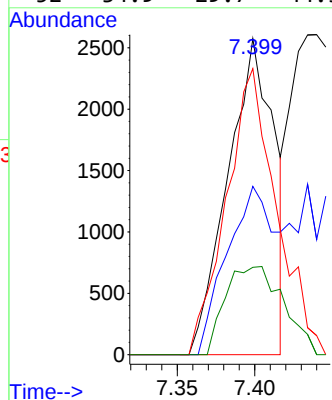
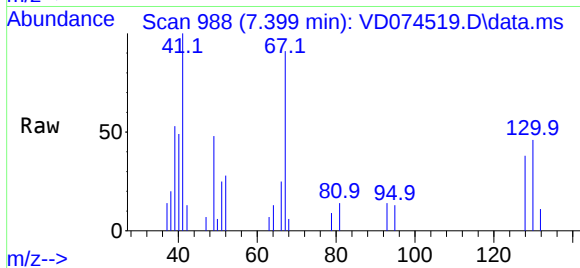




#41
Methacrylonitrile
Concen: 17.712 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

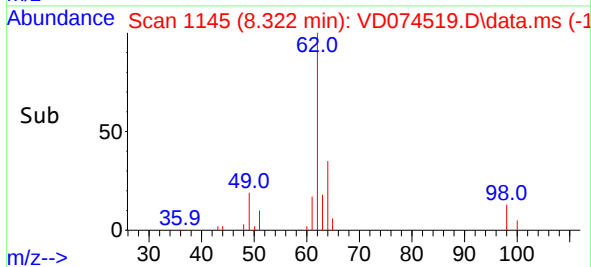
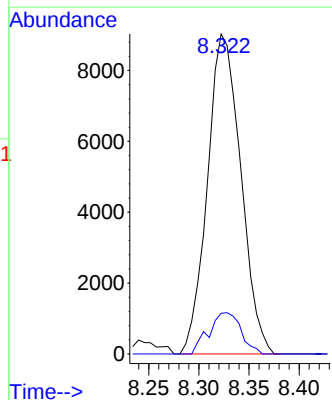
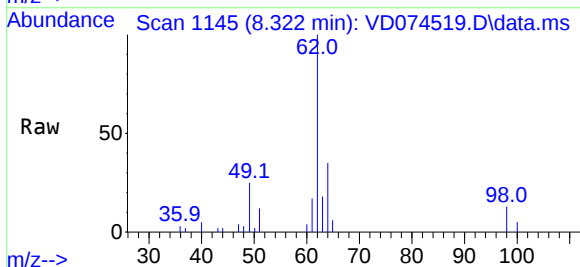
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

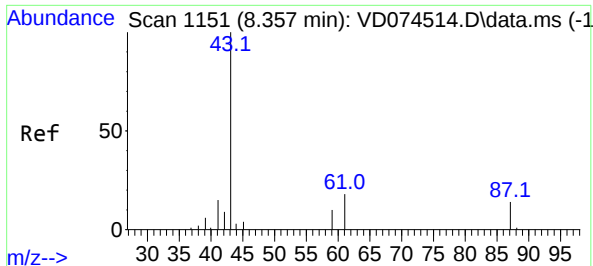
Tgt Ion: 41	Resp: 5353
Ion Ratio	Lower Upper
41 100	
39 55.6	35.0 52.6#
67 97.8	77.0 115.6
52 34.9	29.7 44.5



#42
1,2-Dichloroethane
Concen: 19.294 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 62	Resp: 20880
Ion Ratio	Lower Upper
62 100	
98 12.4	0.0 24.2

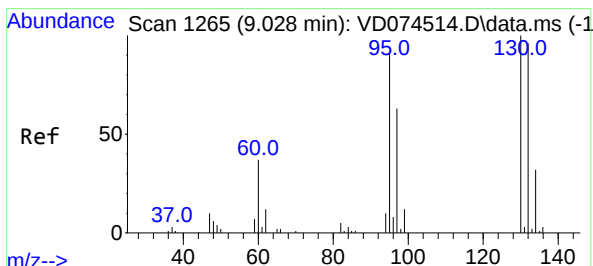
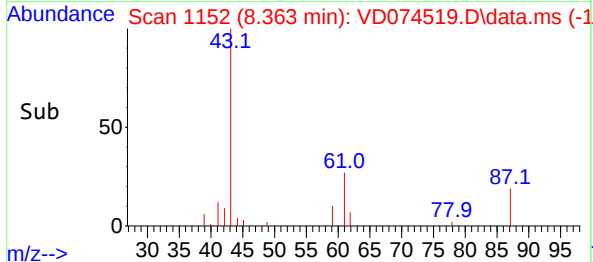
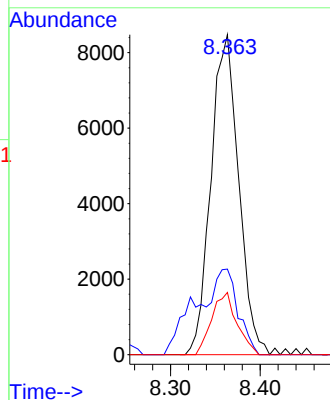
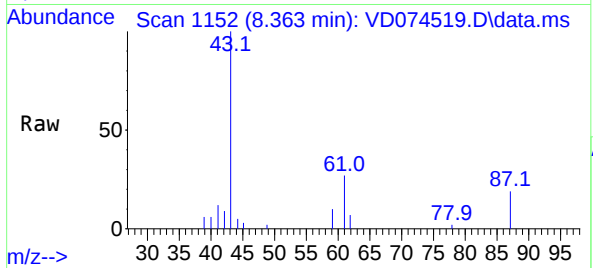




#43
Isopropyl Acetate
Concen: 19.596 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

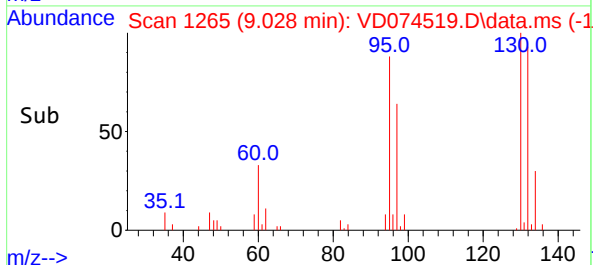
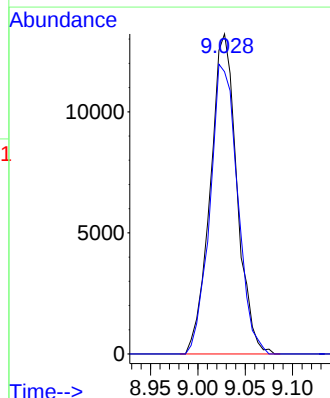
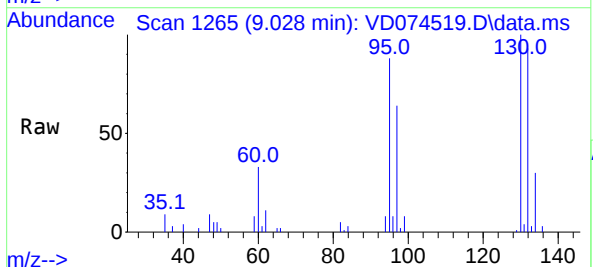
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

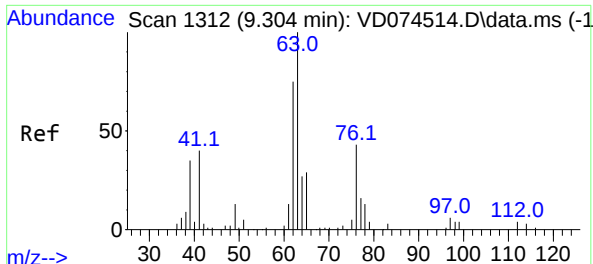
Tgt Ion: 43 Resp: 18220
Ion Ratio Lower Upper
43 100
61 24.0 30.9 46.3#
87 17.7 14.3 21.5



#44
Trichloroethene
Concen: 19.857 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 130 Resp: 25842
Ion Ratio Lower Upper
130 100
95 88.2 0.0 185.4





#45

1,2-Dichloropropane

Concen: 19.941 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

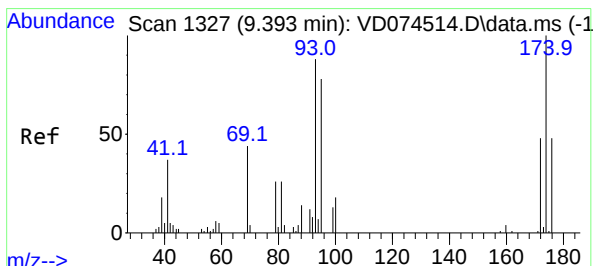
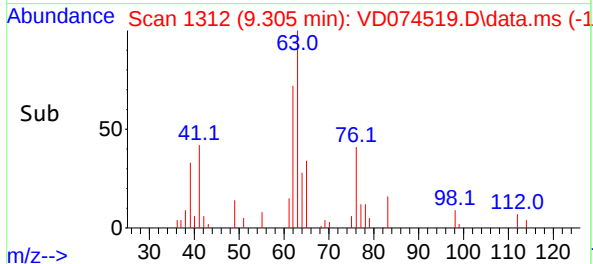
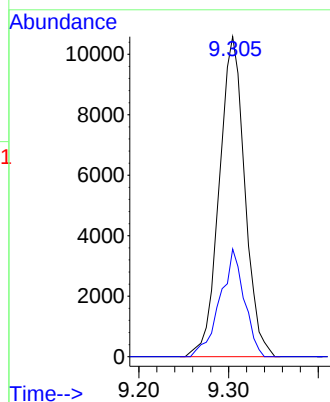
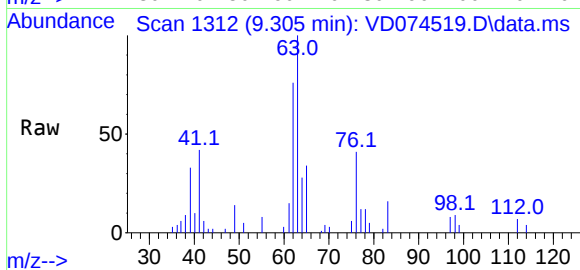
VSTDIC020

Tgt Ion: 63 Resp: 20865

Ion Ratio Lower Upper

63 100

65 33.7 23.1 34.7



#46

Dibromomethane

Concen: 19.967 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

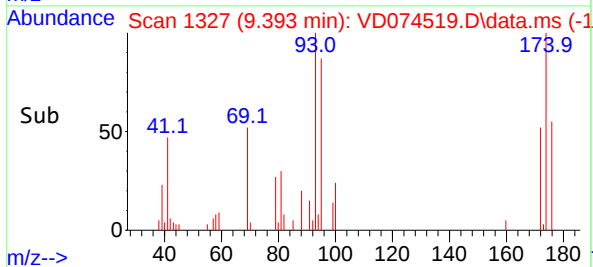
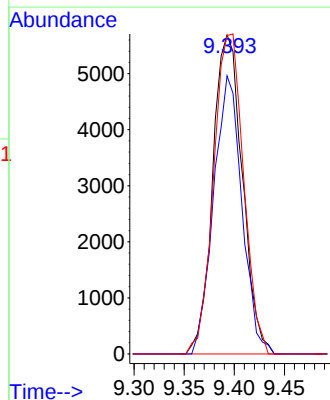
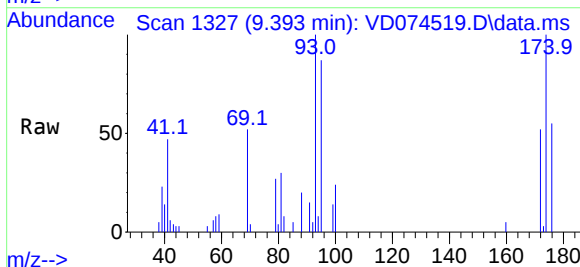
Tgt Ion: 93 Resp: 11634

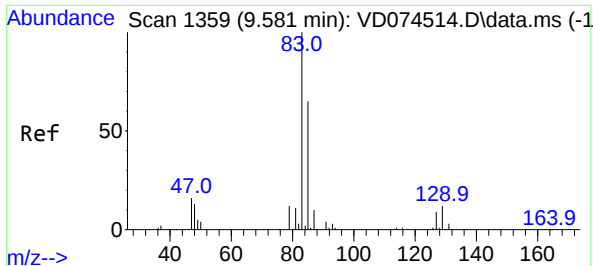
Ion Ratio Lower Upper

93 100

95 83.5 68.2 102.2

174 101.5 87.4 131.0

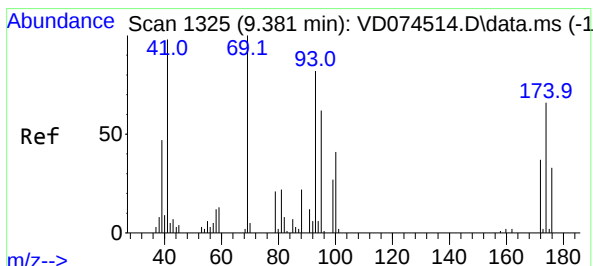
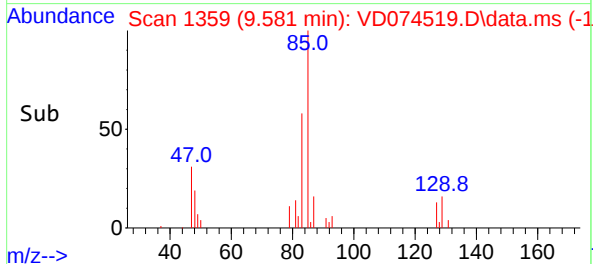
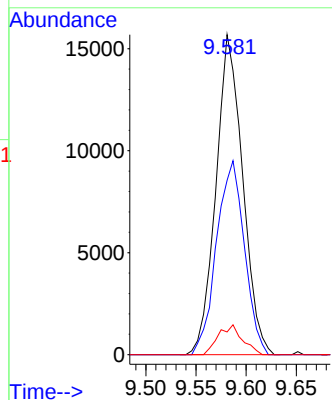
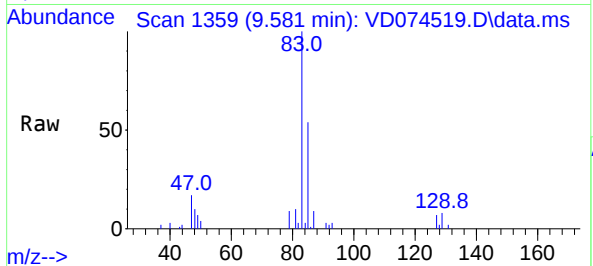




#47
Bromodichloromethane
Concen: 20.090 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

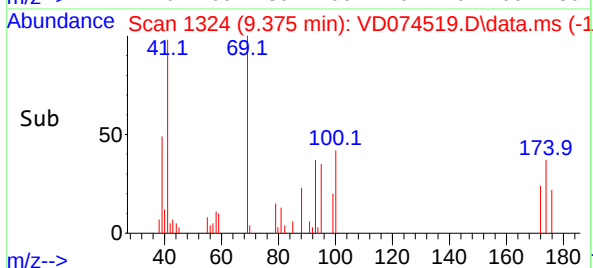
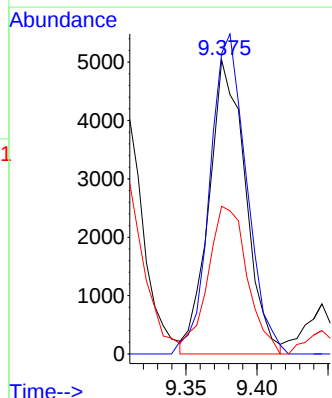
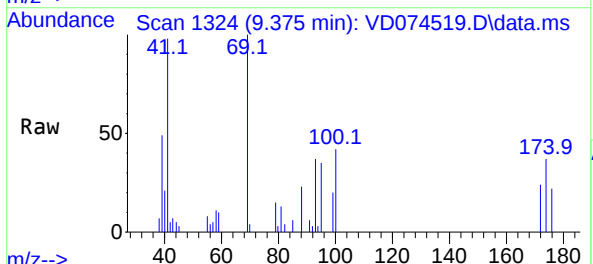
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

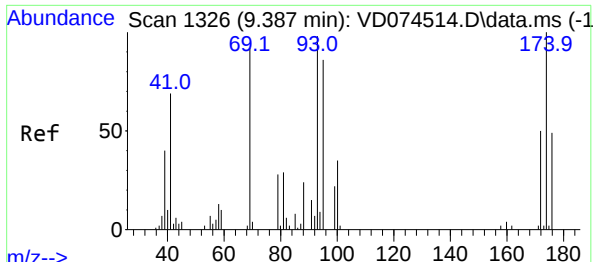
Tgt Ion: 83	Resp:	29114
Ion Ratio	Lower	Upper
83	100	
85	54.4	48.8 73.2
127	7.1	6.7 10.1



#48
Methyl methacrylate
Concen: 20.102 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 41	Resp:	8995
Ion Ratio	Lower	Upper
41	100	
69	108.9	93.0 139.4
39	54.1	44.6 66.8





#49

1,4-Dioxane

Concen: 452.160 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

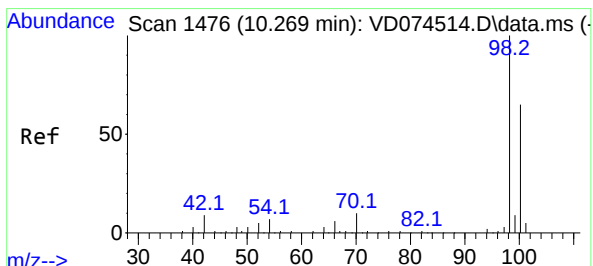
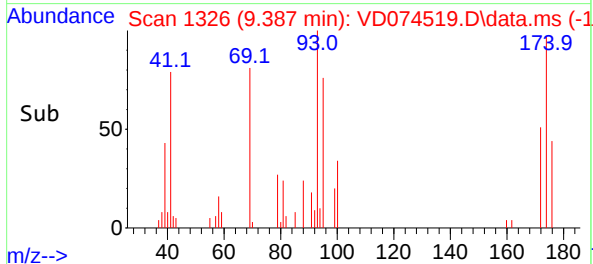
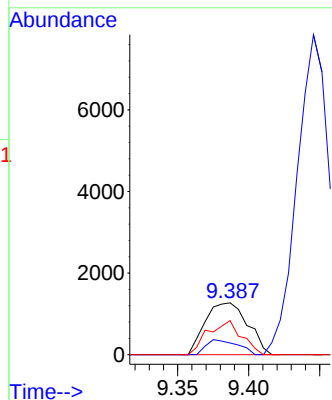
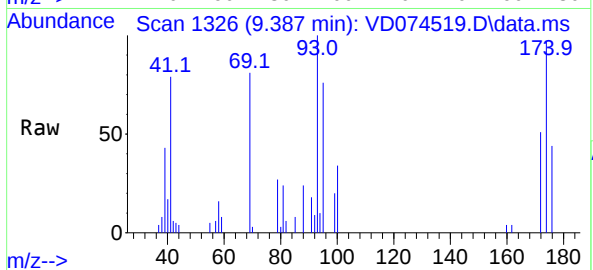
Tgt Ion: 88 Resp: 2650

Ion Ratio Lower Upper

88 100

43 21.4 24.1 36.1#

58 51.7 43.1 64.7



#50

Toluene-d8

Concen: 16.377 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074519.D

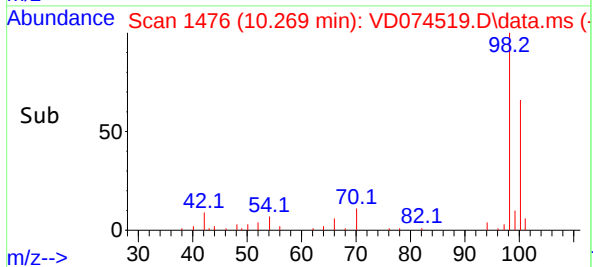
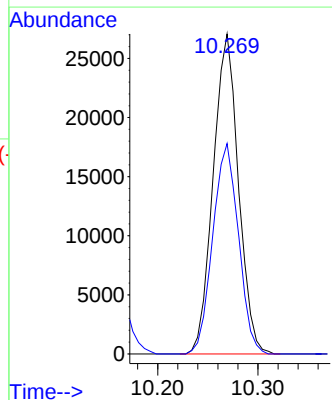
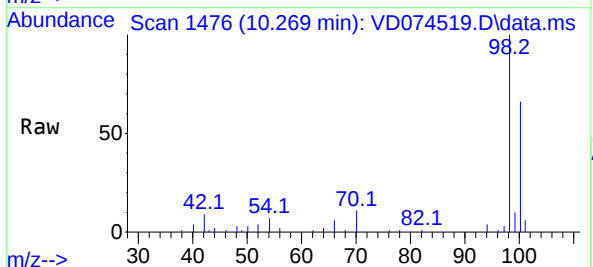
Acq: 11 Oct 2022 15:17

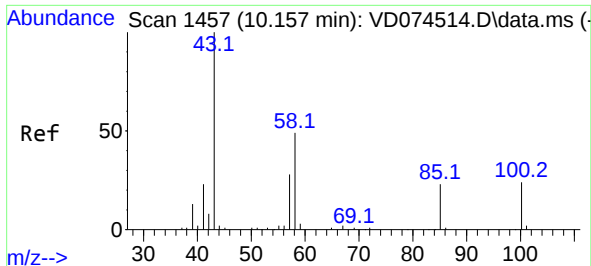
Tgt Ion: 98 Resp: 47400

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0

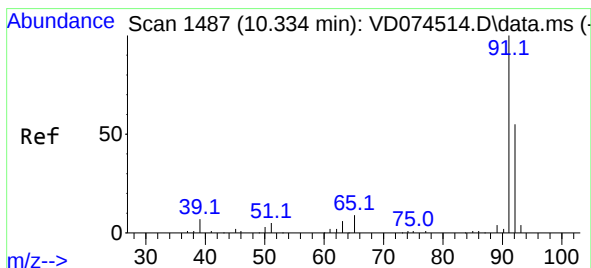
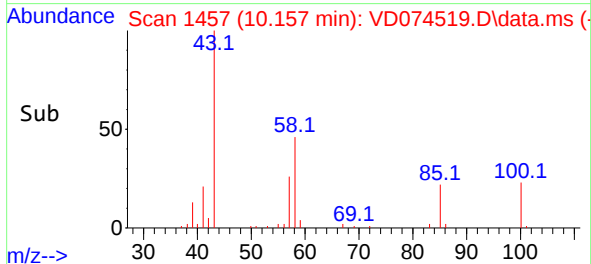
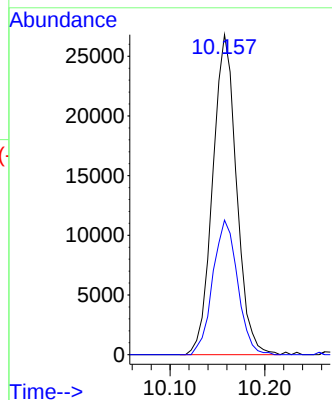
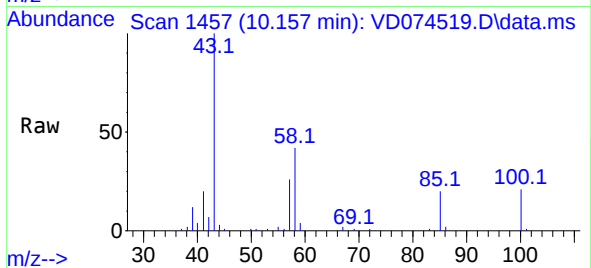




#51
4-Methyl-2-Pentanone
Concen: 102.177 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

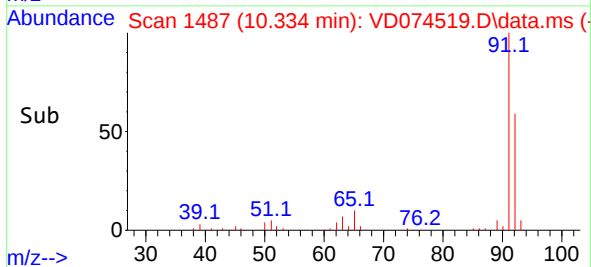
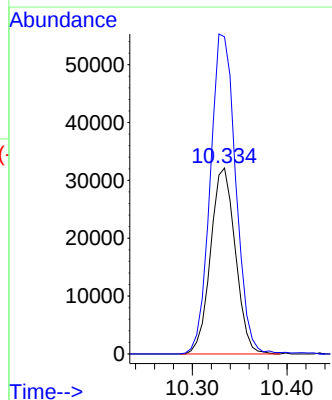
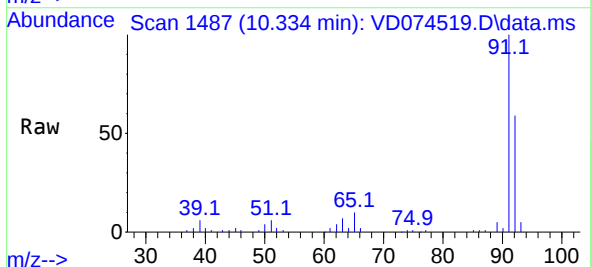
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

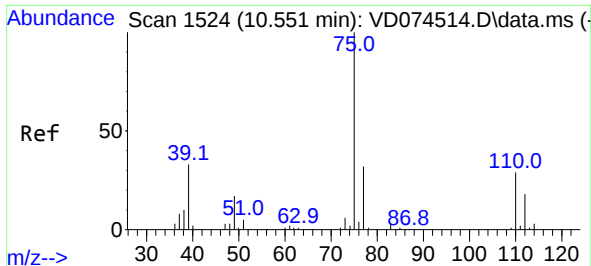
Tgt Ion: 43 Resp: 46875
Ion Ratio Lower Upper
43 100
58 43.8 37.8 56.6



#52
Toluene
Concen: 19.984 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 92 Resp: 58397
Ion Ratio Lower Upper
92 100
91 177.7 139.0 208.4

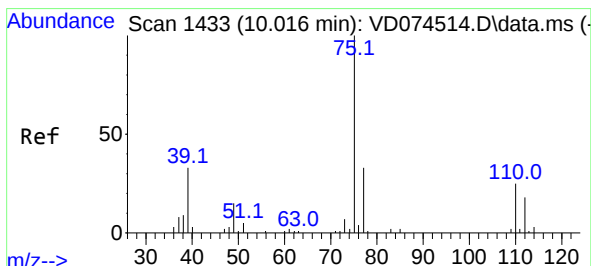
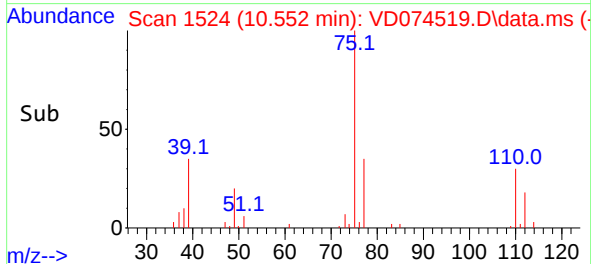
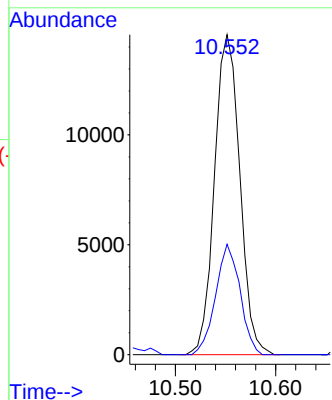
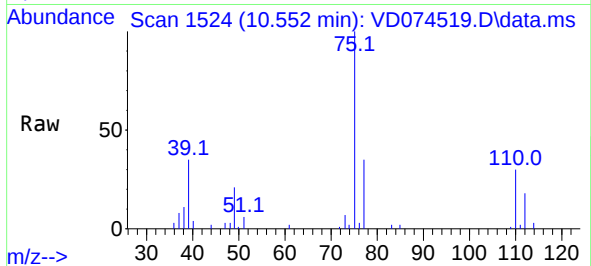




#53
 t-1,3-Dichloropropene
 Concen: 19.882 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

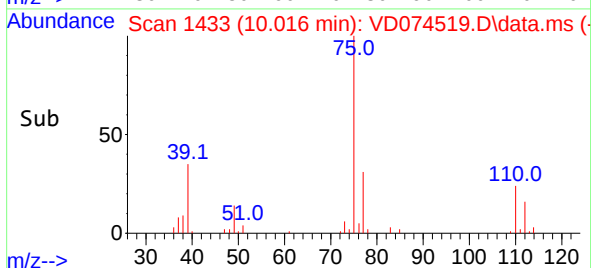
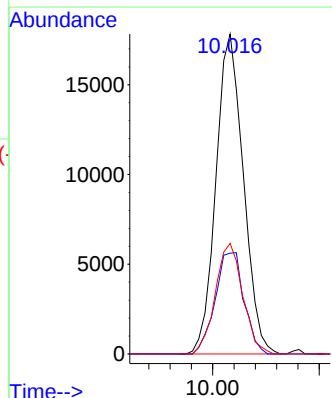
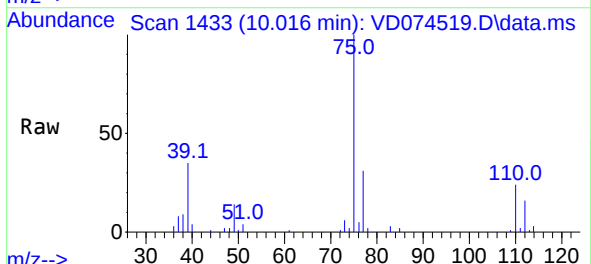
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

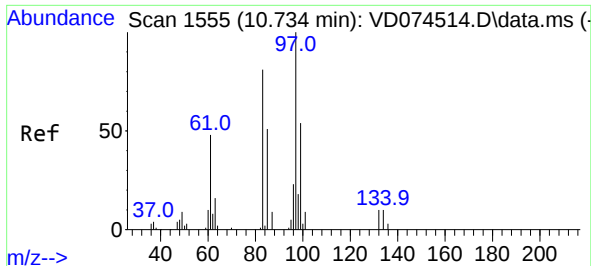
Tgt Ion: 75 Resp: 25522
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.750 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

Tgt Ion: 75 Resp: 31832
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.7 37.1
 39 34.5 25.4 38.2

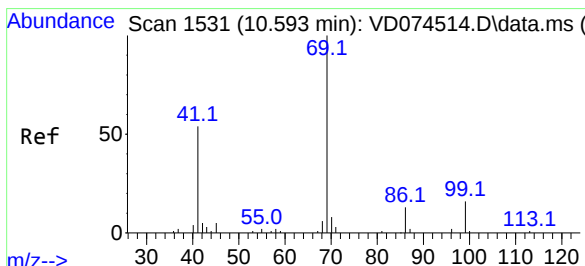
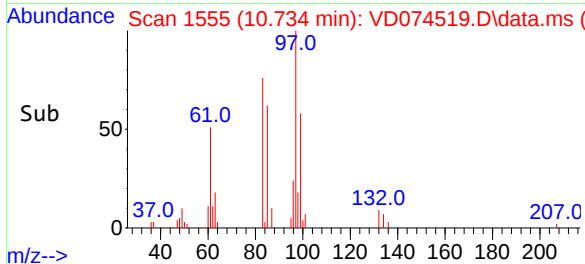
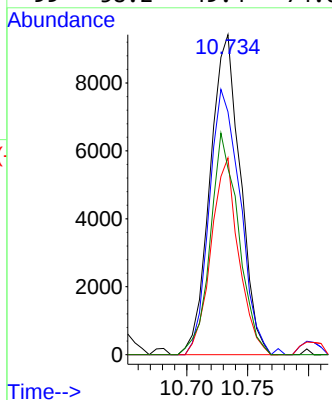
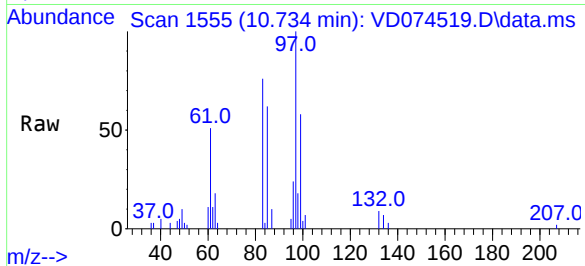




#55
1,1,2-Trichloroethane
Concen: 20.709 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

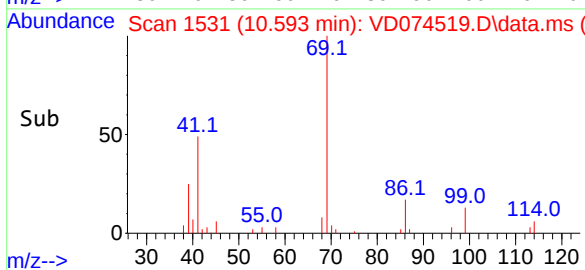
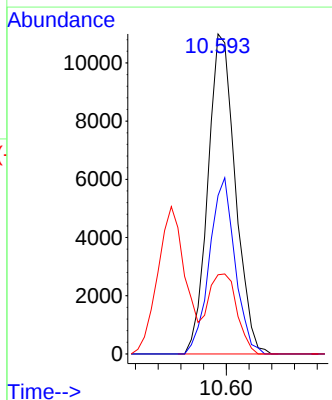
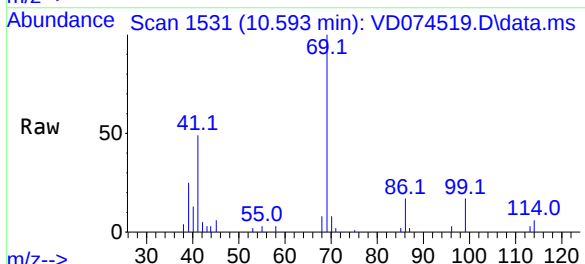
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

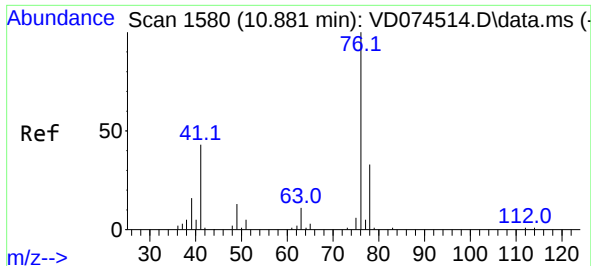
Tgt Ion: 97	Resp: 16262
Ion Ratio	Lower Upper
97 100	
83 75.9	64.8 97.2
85 61.5	44.8 67.2
99 58.2	49.4 74.0



#56
Ethyl methacrylate
Concen: 20.520 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 69	Resp: 18348
Ion Ratio	Lower Upper
69 100	
41 51.5	38.6 58.0
39 26.5	19.9 29.9





#57

1,3-Dichloropropane

Concen: 21.211 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

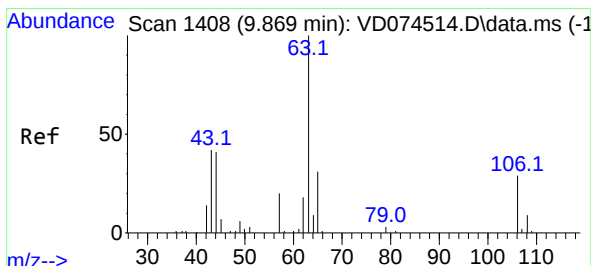
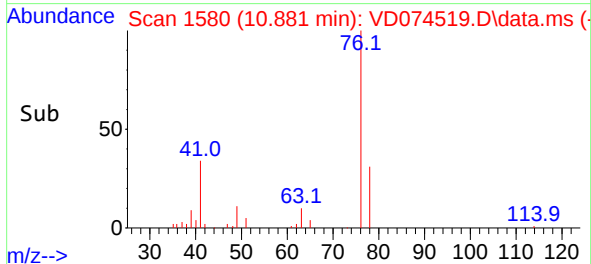
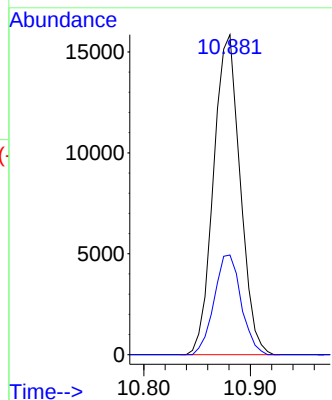
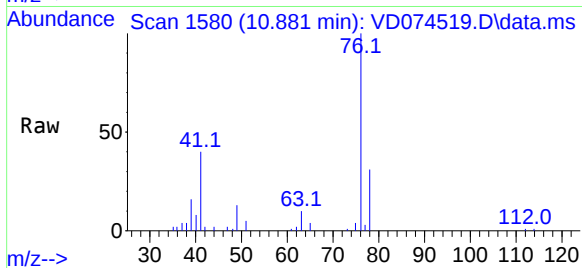
VSTDIC020

Tgt Ion: 76 Resp: 27515

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 75.624 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074519.D

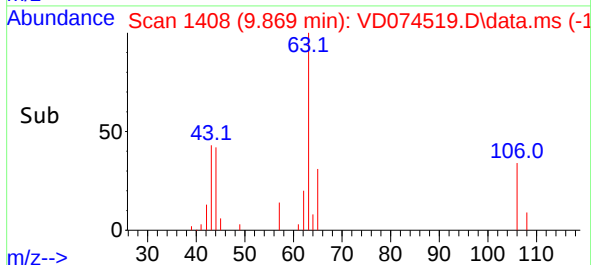
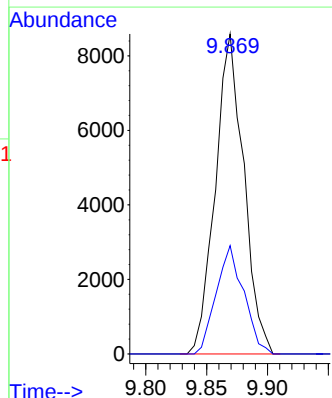
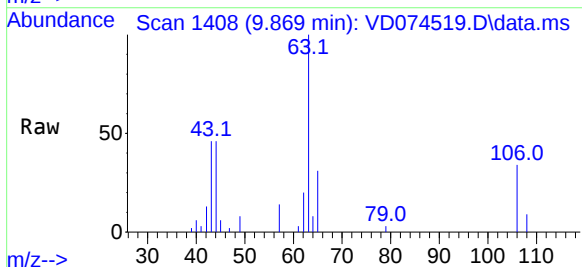
Acq: 11 Oct 2022 15:17

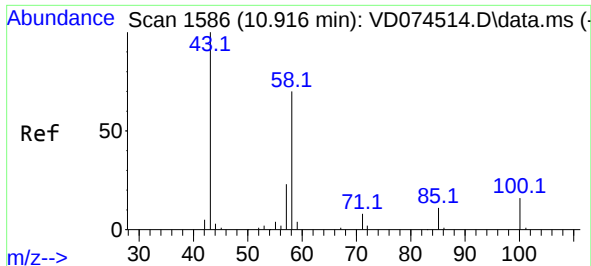
Tgt Ion: 63 Resp: 13962

Ion Ratio Lower Upper

63 100

106 32.7 26.5 39.7

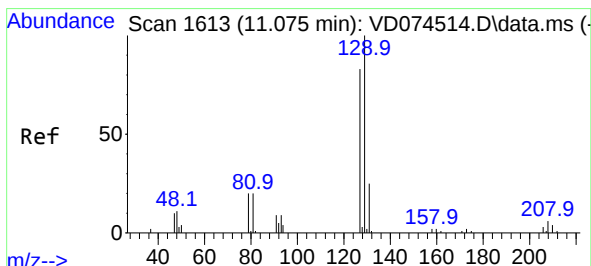
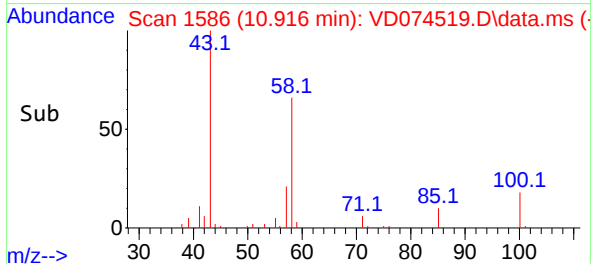
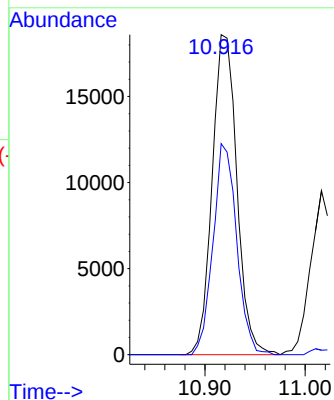
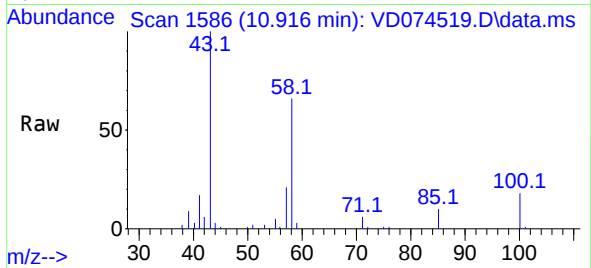




#59
2-Hexanone
Concen: 103.458 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

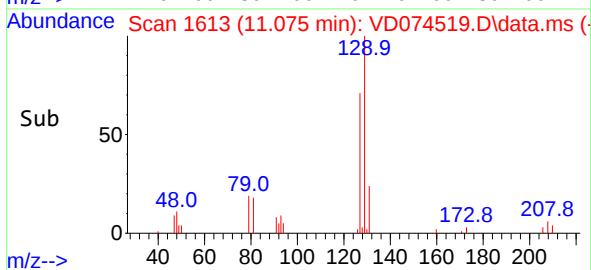
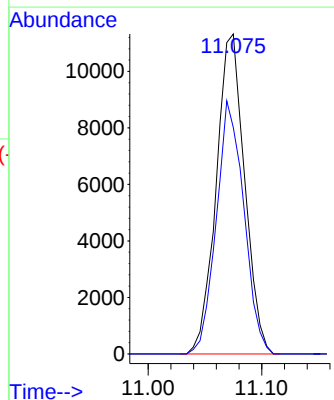
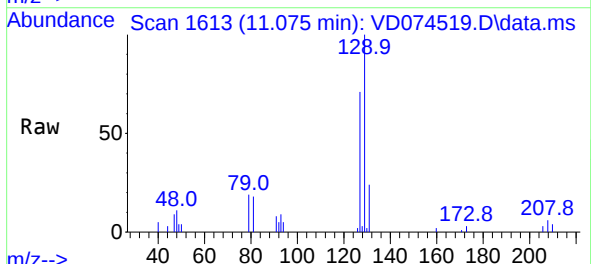
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

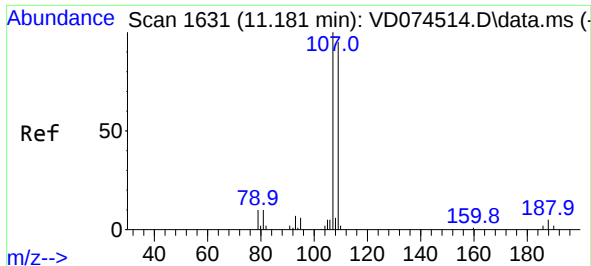
Tgt Ion: 43 Resp: 31831
Ion Ratio Lower Upper
43 100
58 63.2 32.0 96.2



#60
Dibromochloromethane
Concen: 20.776 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 129 Resp: 19695
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

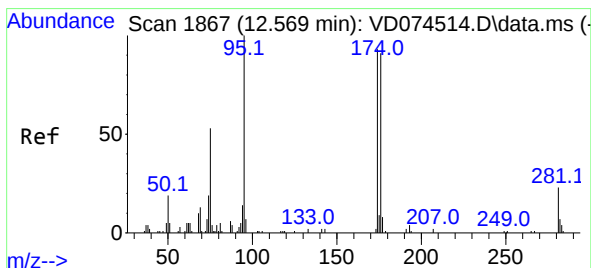
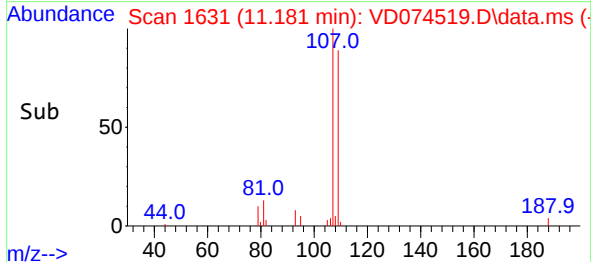
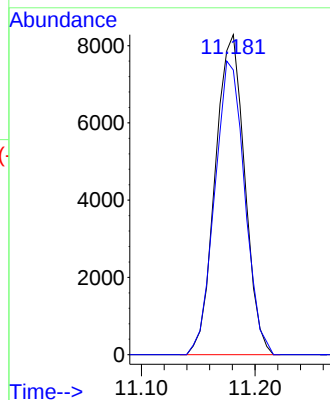
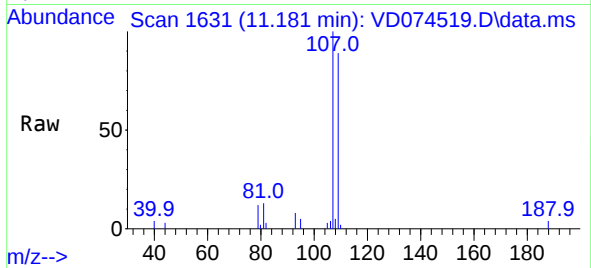




#61
1,2-Dibromoethane
Concen: 20.446 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

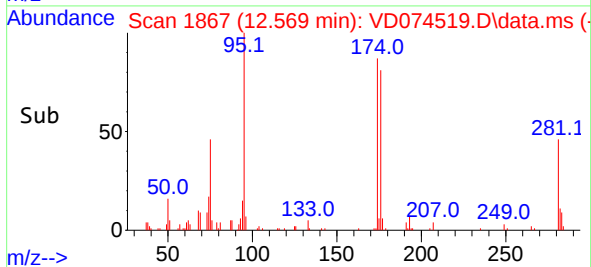
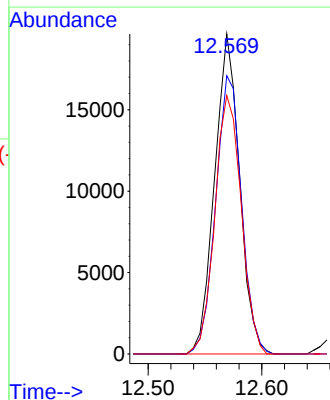
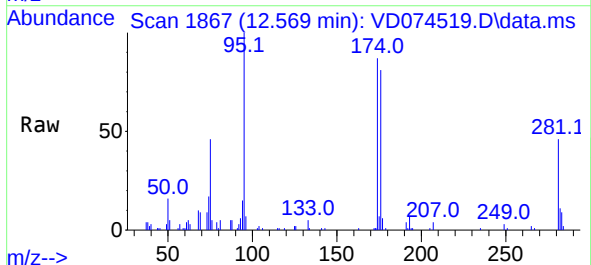
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

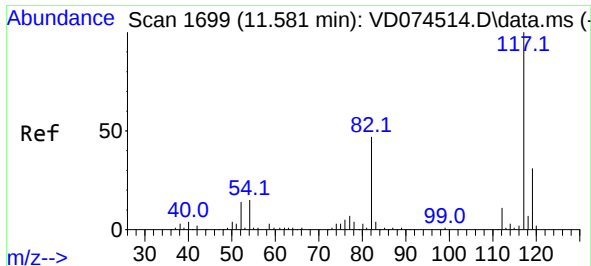
Tgt Ion:107 Resp: 14917
Ion Ratio Lower Upper
107 100
109 93.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 28.269 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 95 Resp: 29984
Ion Ratio Lower Upper
95 100
174 90.2 0.0 197.0
176 85.6 0.0 182.6

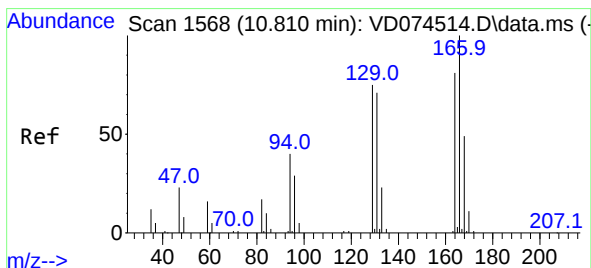
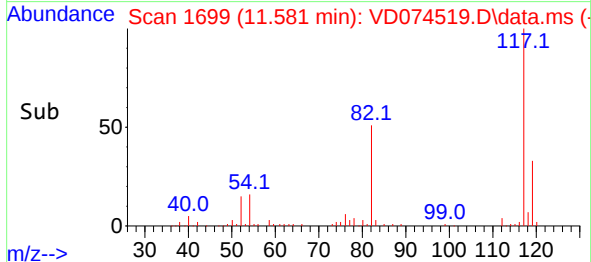
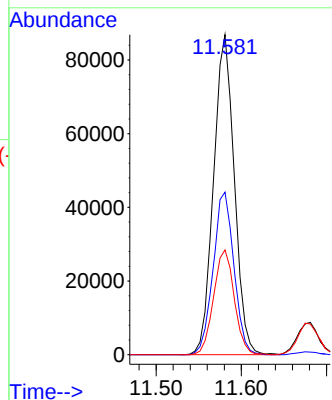
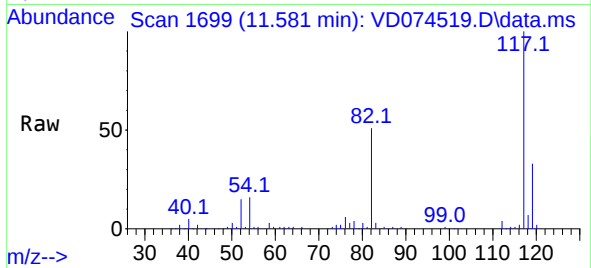




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

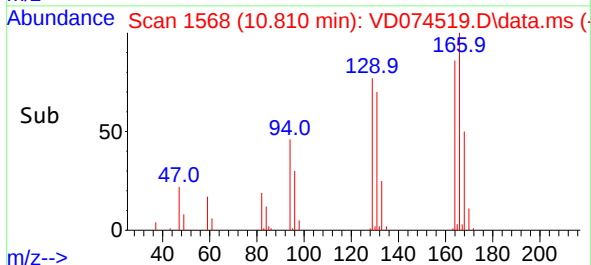
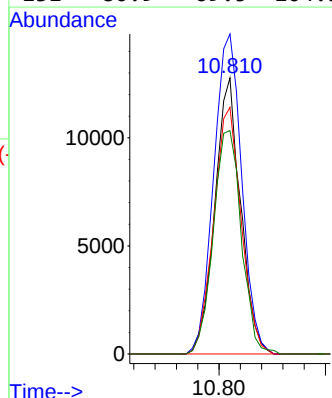
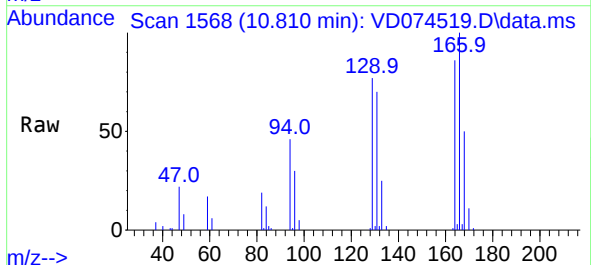
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

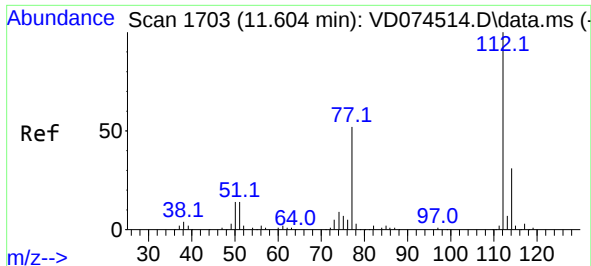
Tgt Ion:117 Resp: 146903
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 32.8 25.2 37.8



#64
Tetrachloroethene
Concen: 19.753 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:164 Resp: 21499
Ion Ratio Lower Upper
164 100
166 115.9 107.8 161.8
129 89.3 77.4 116.2
131 80.9 69.5 104.3

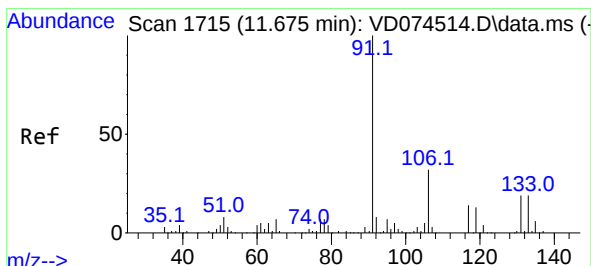
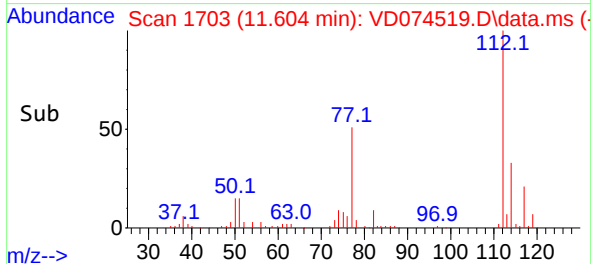
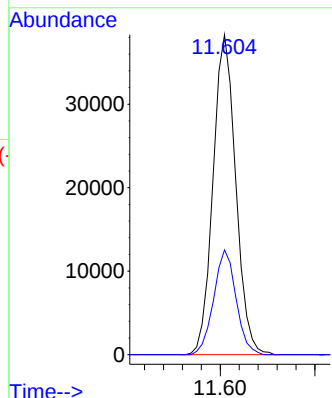
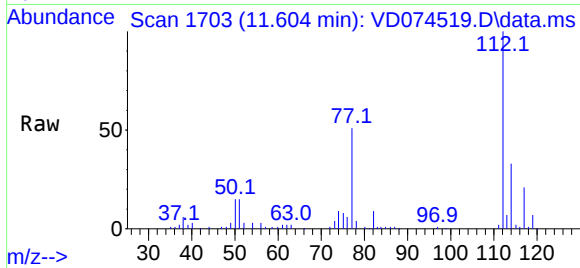




#65
Chlorobenzene
Concen: 20.147 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

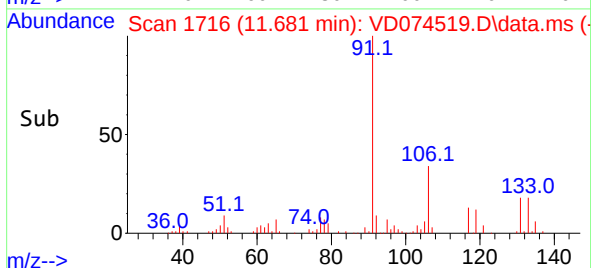
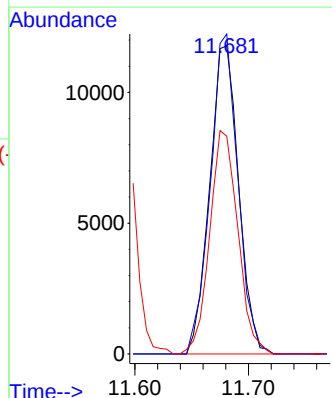
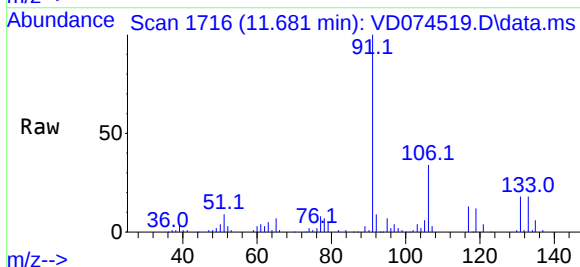
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

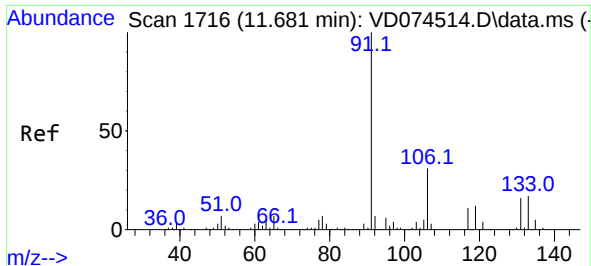
Tgt Ion:112 Resp: 63736
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.572 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:131 Resp: 20872
Ion Ratio Lower Upper
131 100
133 99.2 46.6 139.8
119 70.5 32.5 97.4

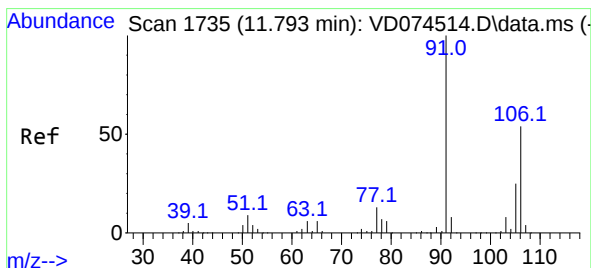
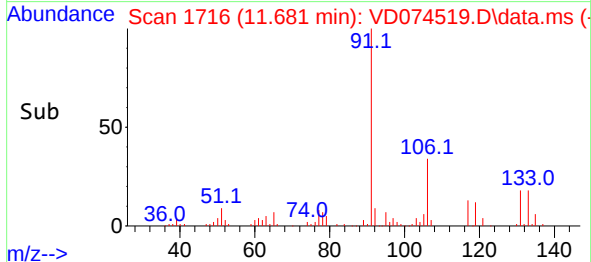
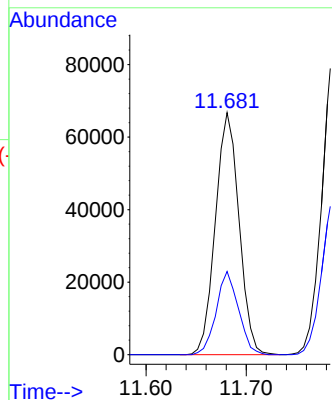
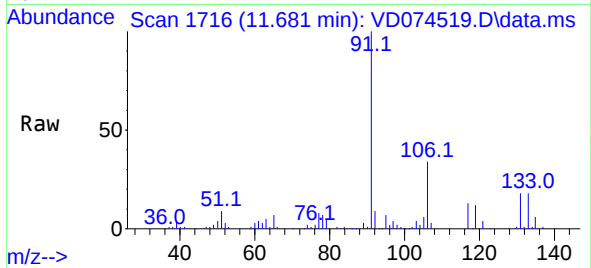




#67
Ethyl Benzene
Concen: 19.491 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

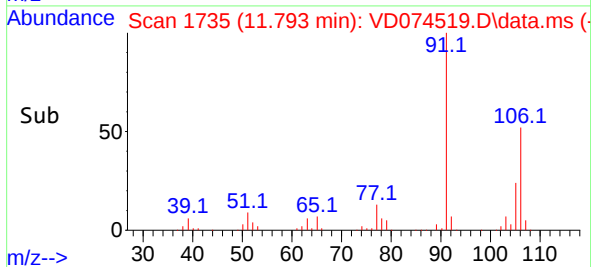
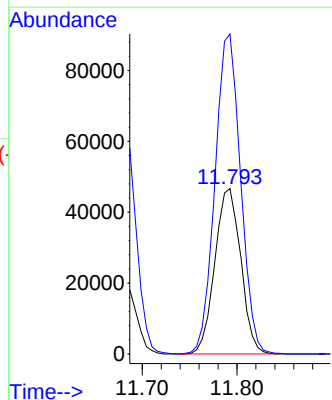
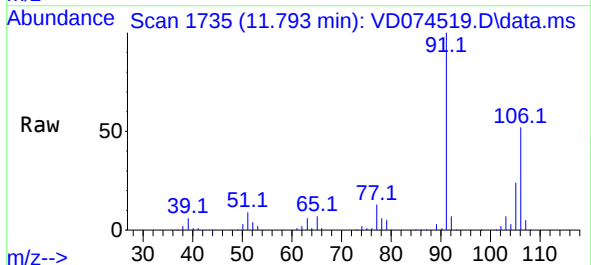
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

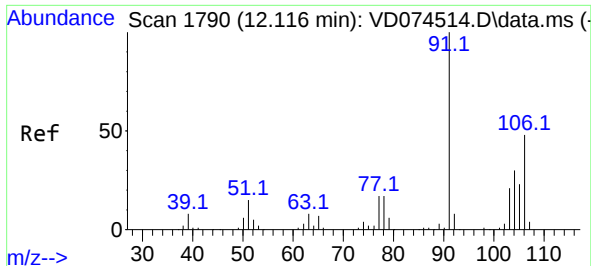
Tgt Ion: 91 Resp: 109282
Ion Ratio Lower Upper
91 100
106 34.4 26.6 40.0



#68
m/p-Xylenes
Concen: 39.706 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:106 Resp: 88638
Ion Ratio Lower Upper
106 100
91 191.6 156.2 234.4

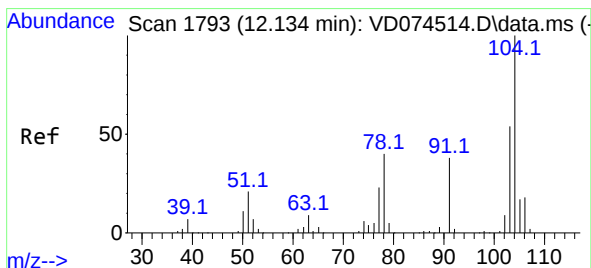
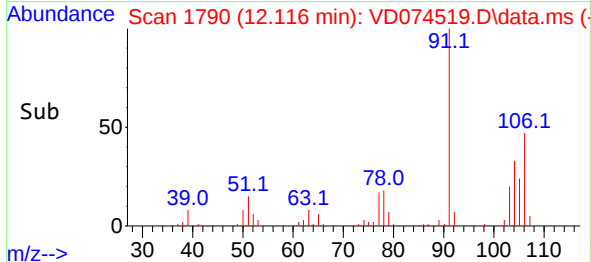
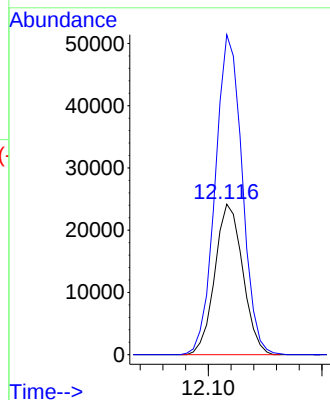
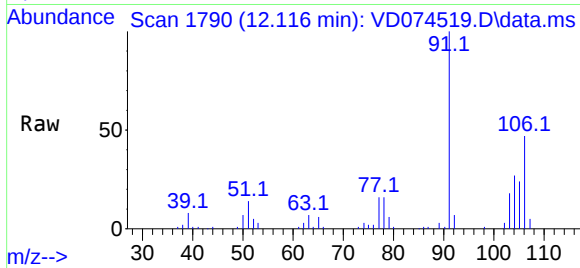




#69
o-Xylene
Concen: 19.954 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

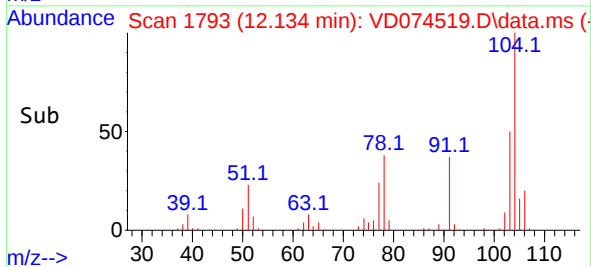
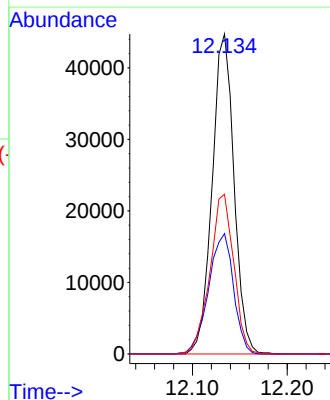
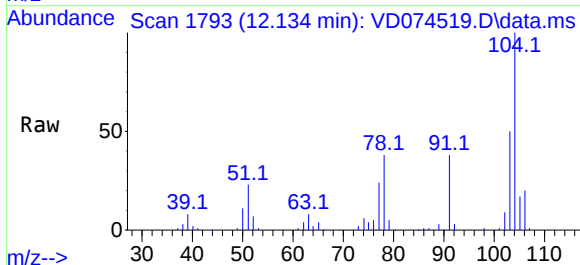
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

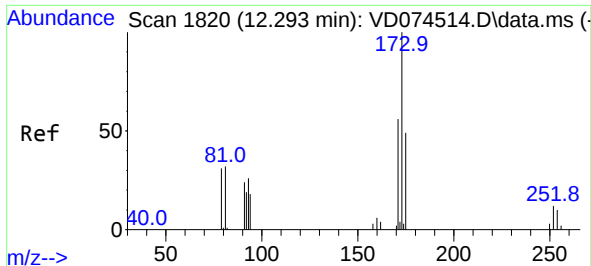
Tgt Ion:106 Resp: 41300
Ion Ratio Lower Upper
106 100
91 205.5 104.5 313.3



#70
Styrene
Concen: 20.476 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:104 Resp: 71802
Ion Ratio Lower Upper
104 100
78 42.9 35.7 53.5
103 54.4 43.7 65.5

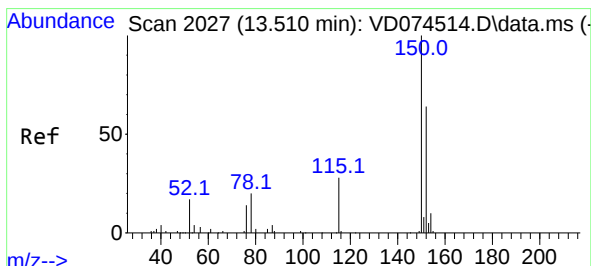
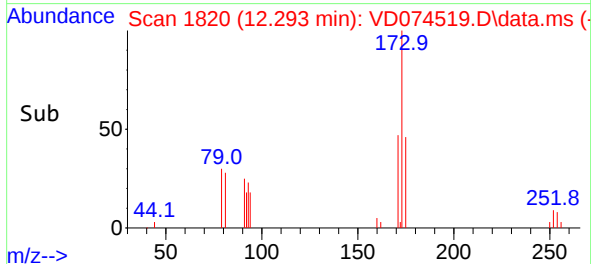
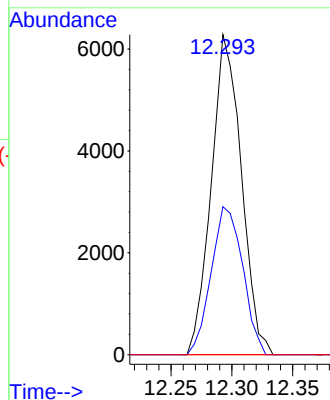
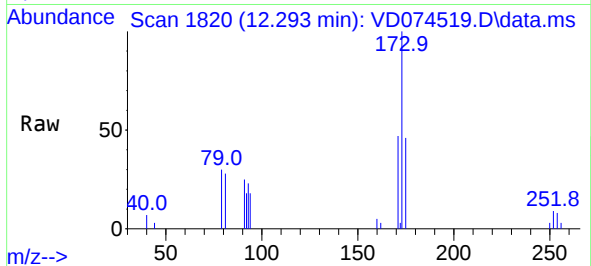




#71
Bromoform
Concen: 20.210 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.001 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

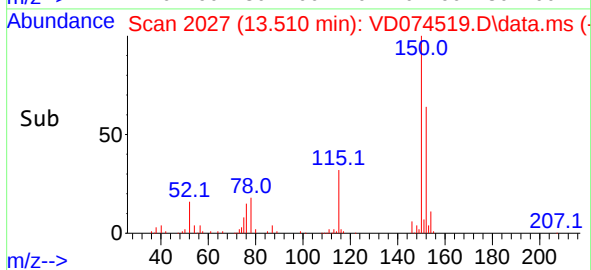
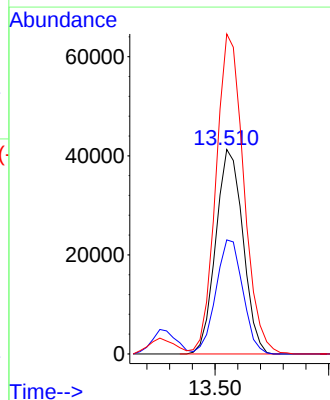
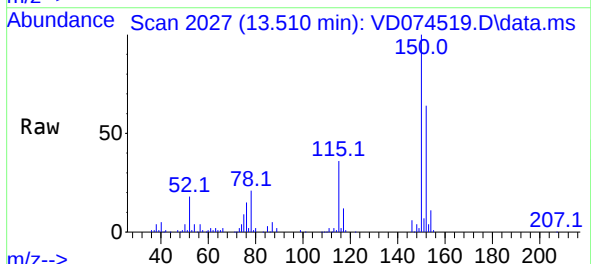
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

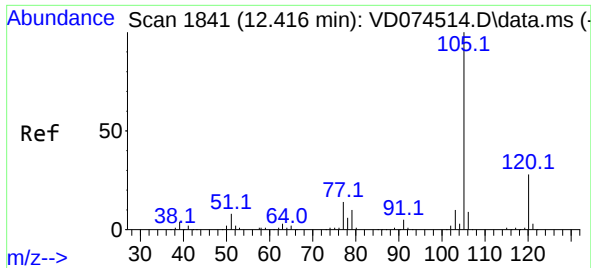
Tgt Ion:	173	Resp:	10775
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.1	69.3
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:	152	Resp:	68631
Ion Ratio	Lower	Upper	
152	100		
115	55.3	26.8	80.4
150	160.3	0.0	348.2

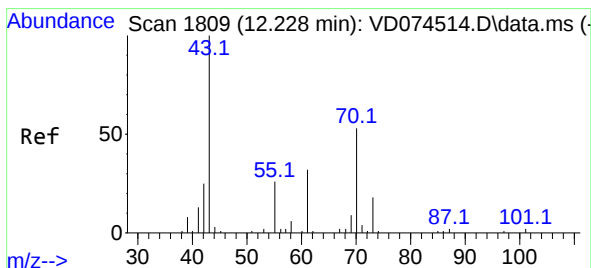
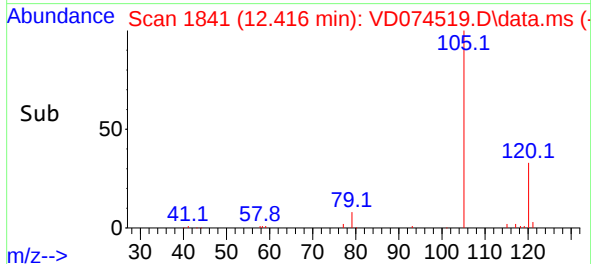
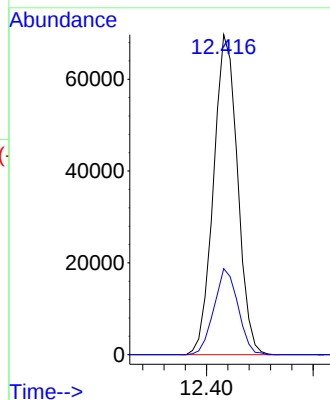
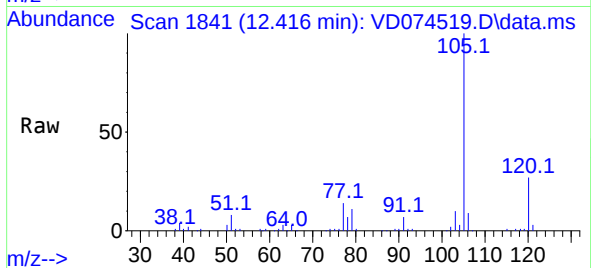




#73
Isopropylbenzene
Concen: 19.984 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

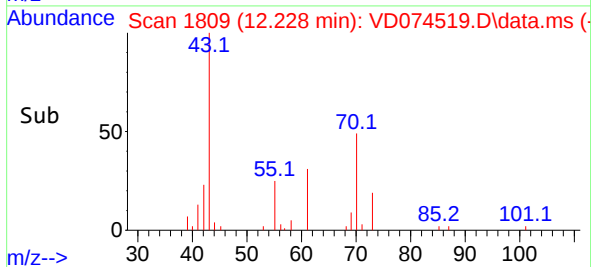
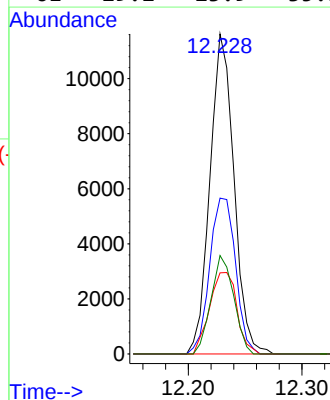
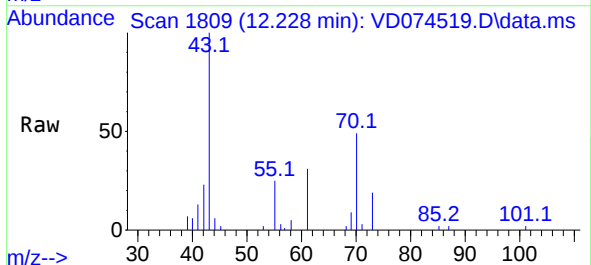
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

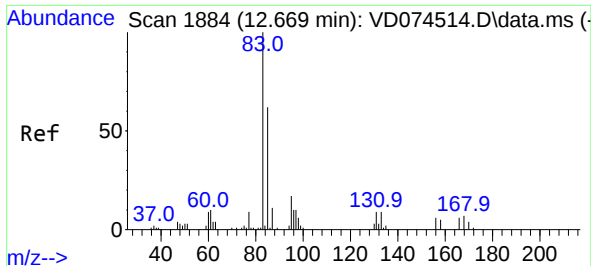
Tgt Ion:105 Resp: 108999
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 19.990 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 43 Resp: 17064
Ion Ratio Lower Upper
43 100
70 52.5 43.8 65.6
55 29.0 22.0 33.0
61 29.2 23.9 35.9

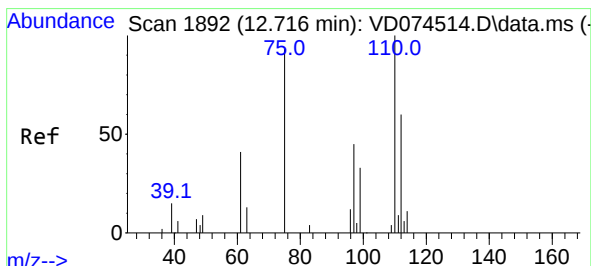
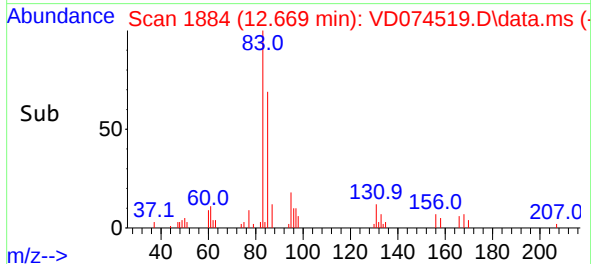
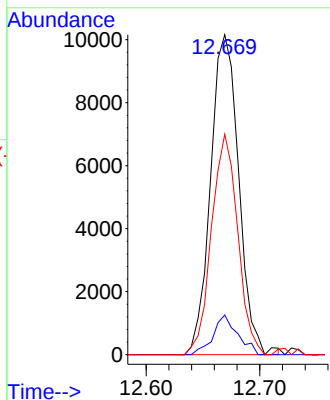
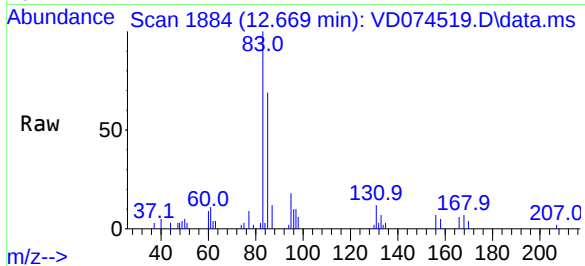




#75
1,1,2,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

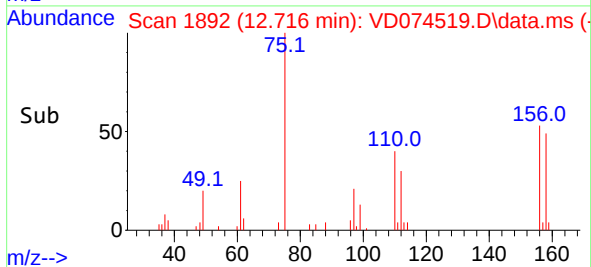
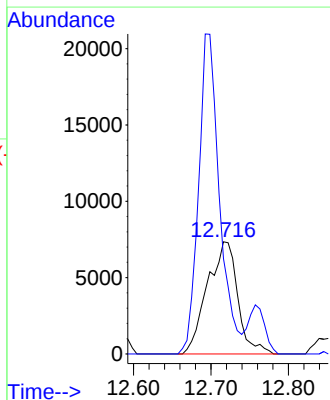
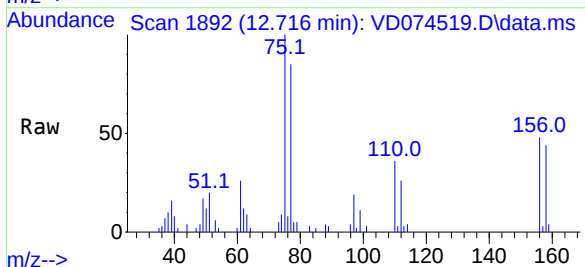
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

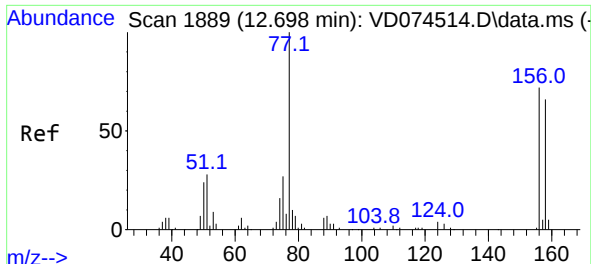
Tgt Ion: 83 Resp: 17498
Ion Ratio Lower Upper
83 100
131 10.8 4.7 14.1
85 64.2 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 38.873 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 75 Resp: 20009
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

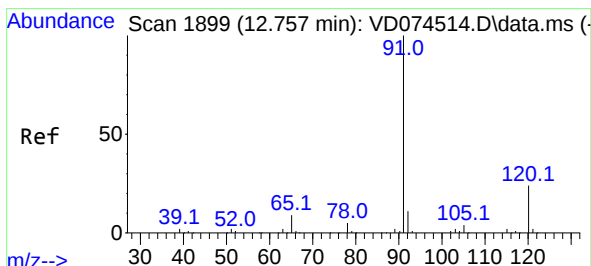
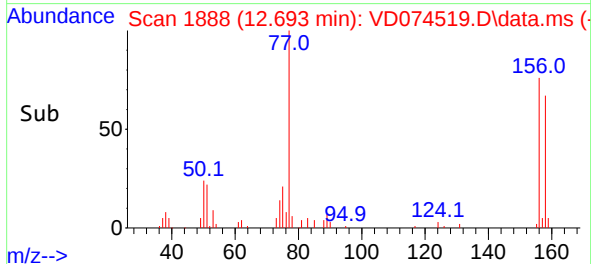
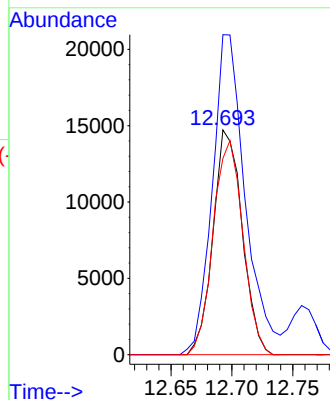
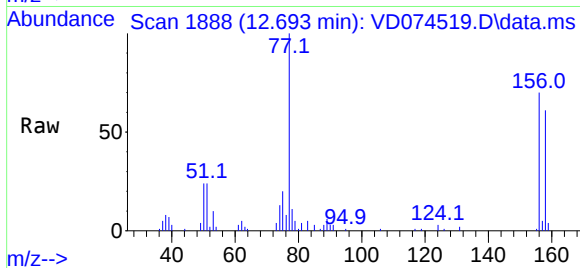




#77
Bromobenzene
Concen: 19.816 ug/l
RT: 12.693 min Scan# 1888
Delta R.T. -0.005 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

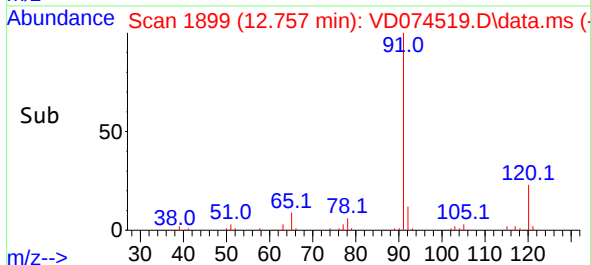
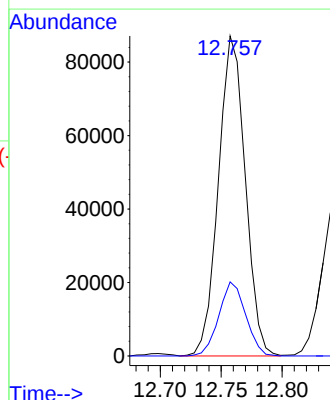
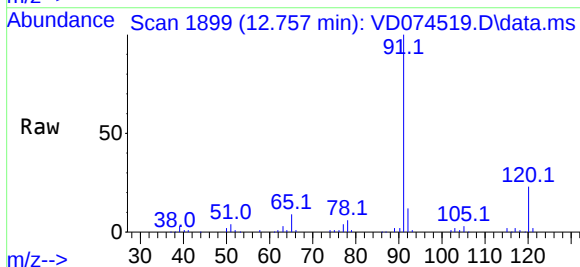
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

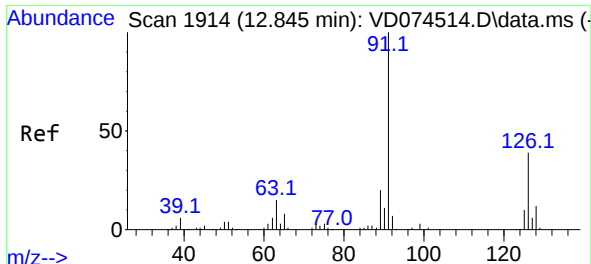
Tgt Ion:156 Resp: 24542
Ion Ratio Lower Upper
156 100
77 160.2 77.7 233.1
158 97.3 49.4 148.2



#78
n-propylbenzene
Concen: 20.204 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 91 Resp: 133711
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7

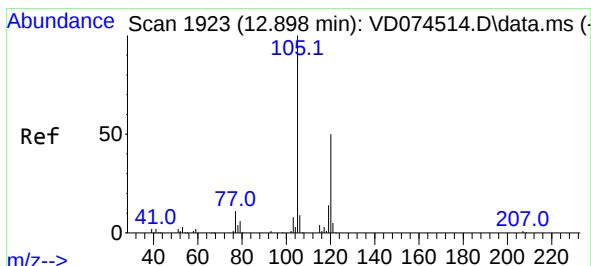
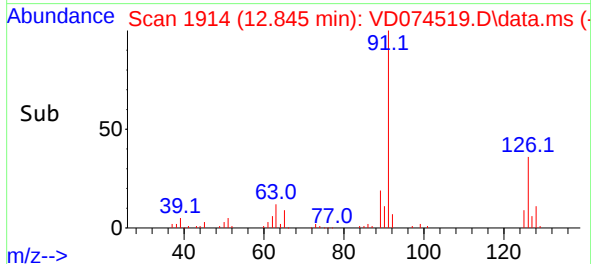
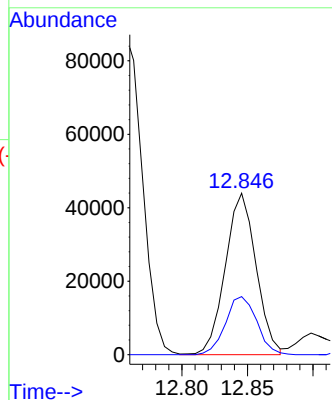
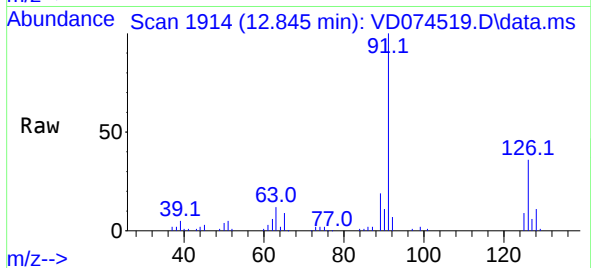




#79
2-Chlorotoluene
Concen: 20.297 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

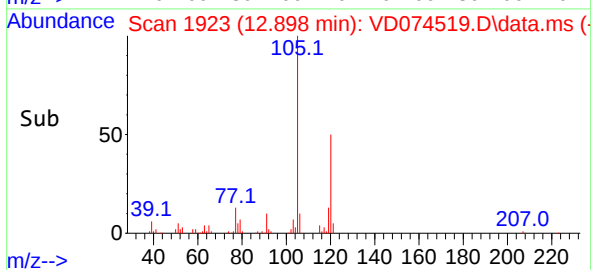
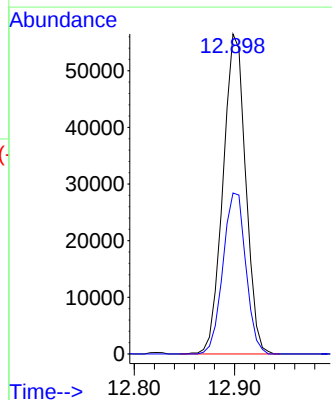
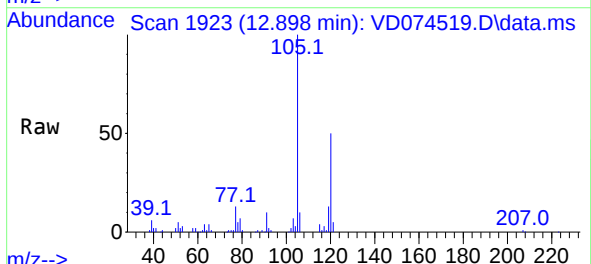
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

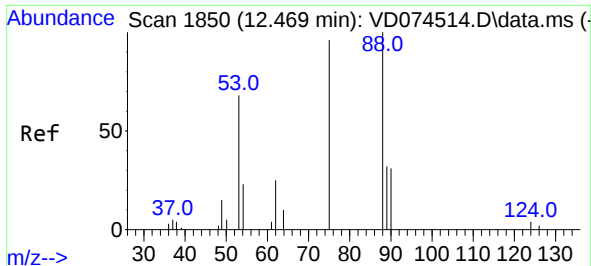
Tgt Ion: 91 Resp: 71733
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 19.919 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 105 Resp: 88409
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.0

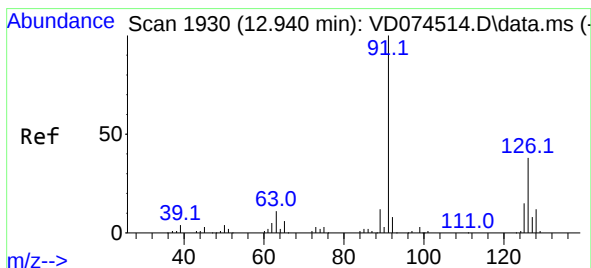
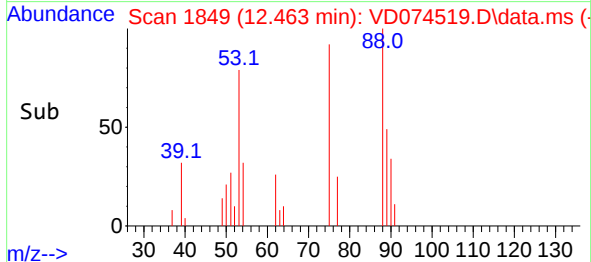
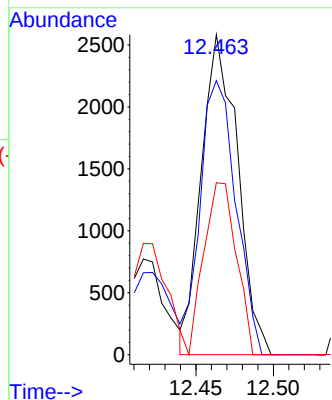
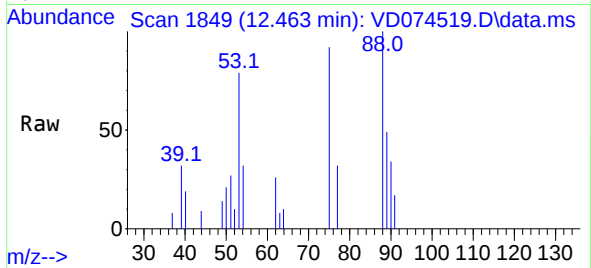




#81
trans-1,4-Dichloro-2-butene
Concen: 17.553 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

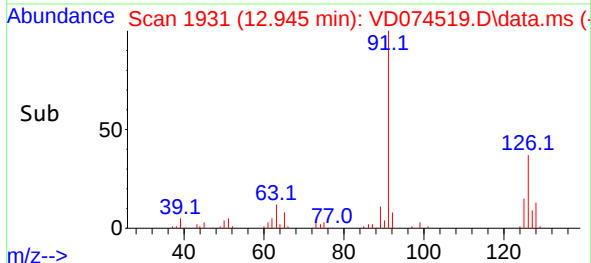
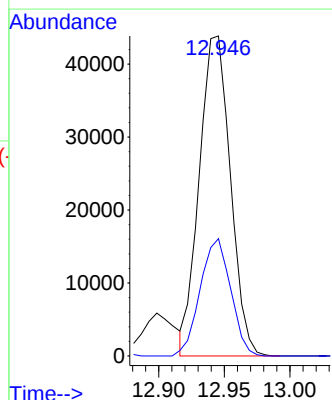
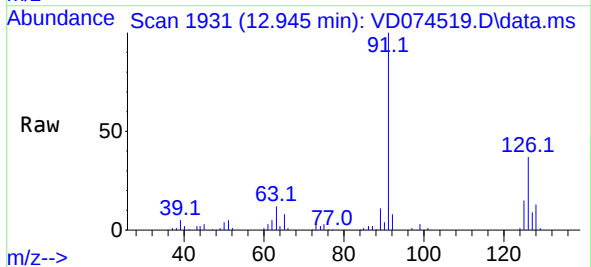
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

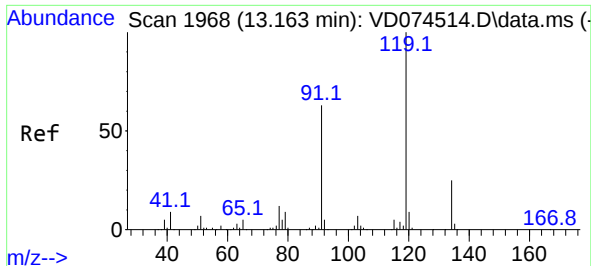
Tgt Ion: 75 Resp: 4183
Ion Ratio Lower Upper
75 100
53 84.8 63.8 95.6
89 48.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.218 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 91 Resp: 72484
Ion Ratio Lower Upper
91 100
126 35.9 18.8 56.4

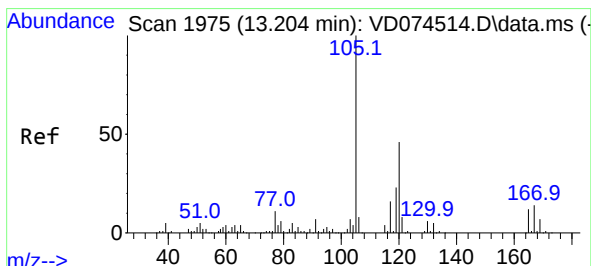
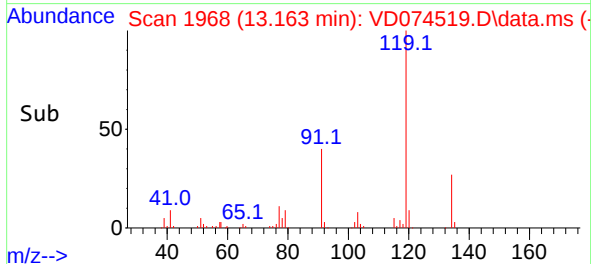
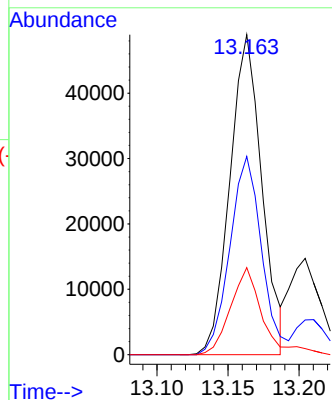
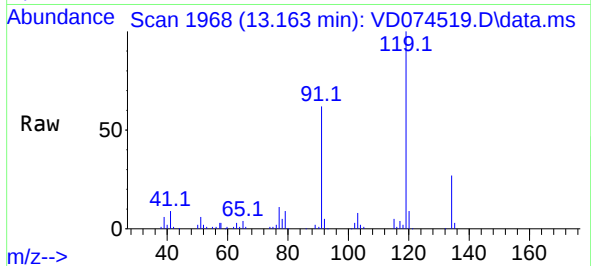




#83
tert-Butylbenzene
Concen: 19.770 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

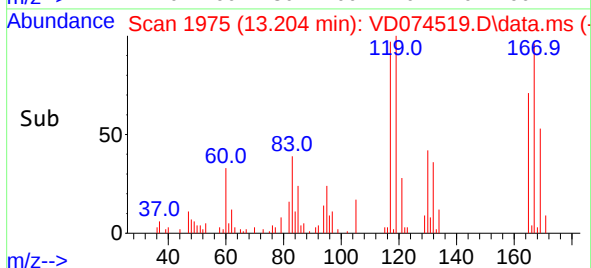
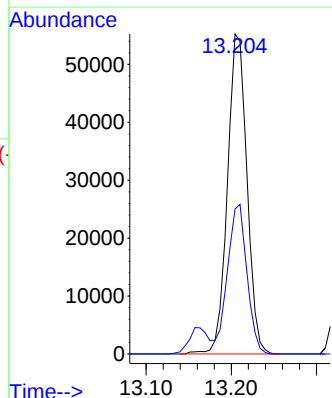
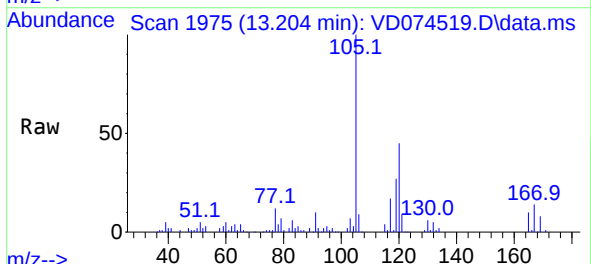
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

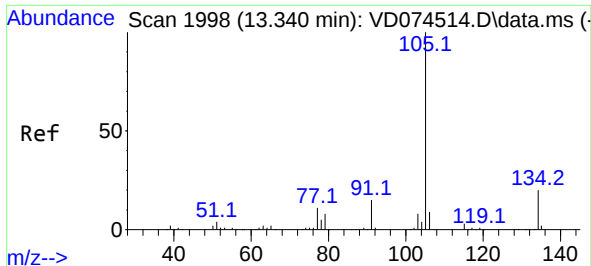
Tgt Ion:119 Resp: 76708
Ion Ratio Lower Upper
119 100
91 61.7 30.0 90.0
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.988 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:105 Resp: 87833
Ion Ratio Lower Upper
105 100
120 47.2 22.9 68.7

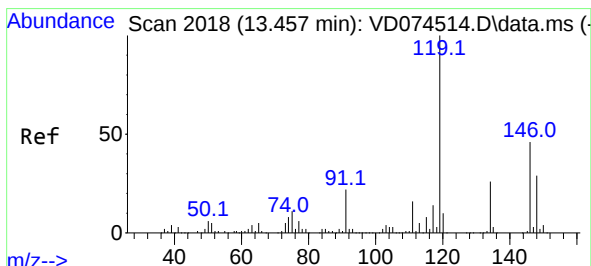
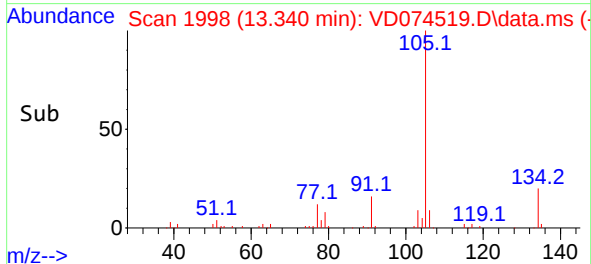
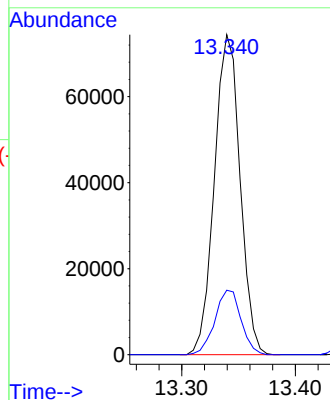
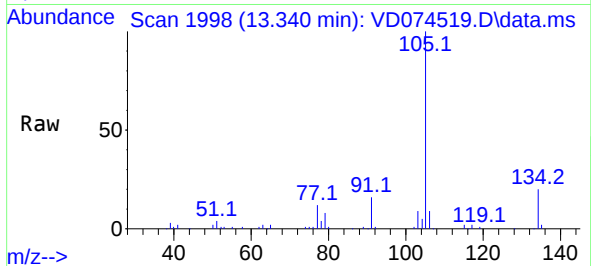




#85
 sec-Butylbenzene
 Concen: 19.778 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.001 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

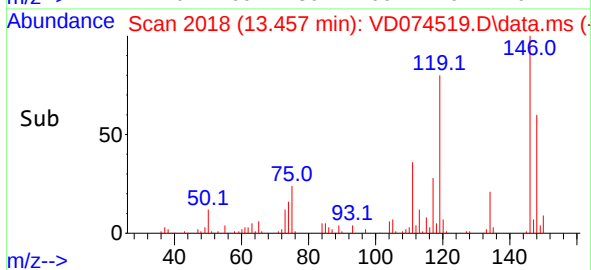
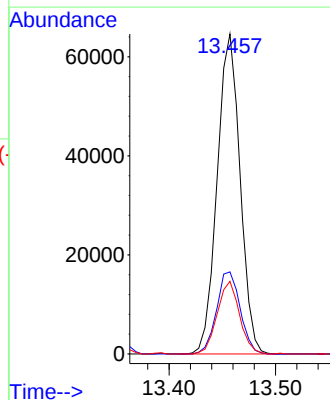
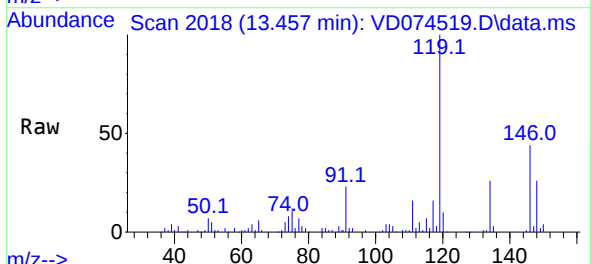
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

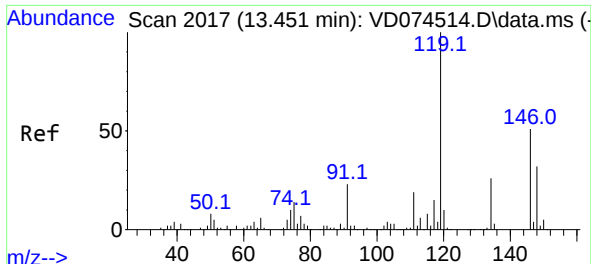
Tgt Ion:105 Resp: 116816
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.559 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074519.D
 Acq: 11 Oct 2022 15:17

Tgt Ion:119 Resp: 96438
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 22.1 10.8 32.4

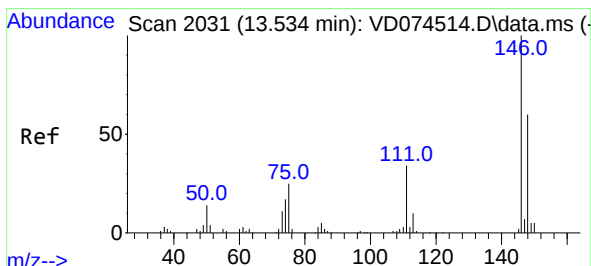
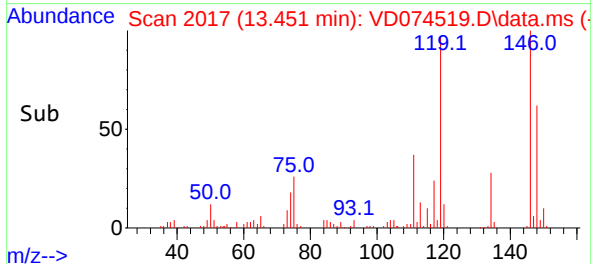
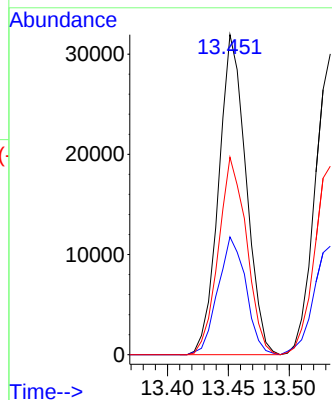
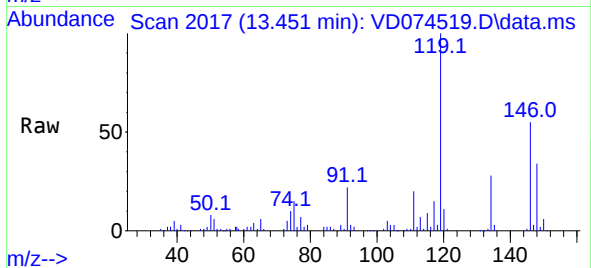




#87
1,3-Dichlorobenzene
Concen: 19.876 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

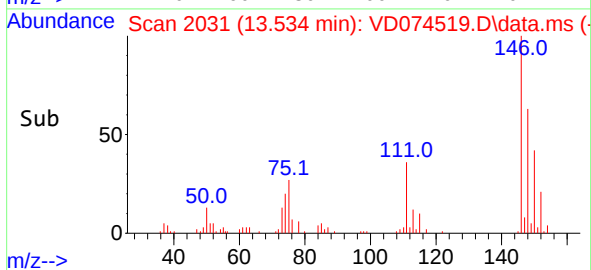
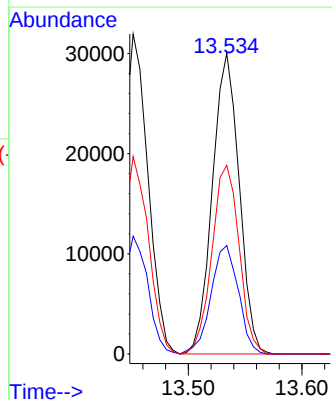
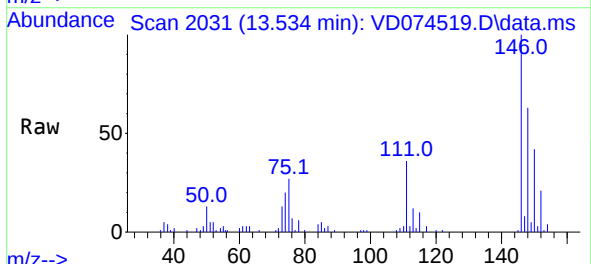
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

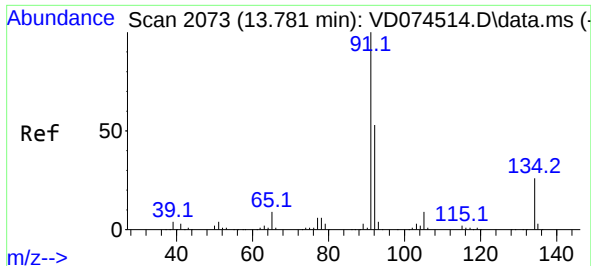
Tgt Ion:146 Resp: 50058
Ion Ratio Lower Upper
146 100
111 37.7 18.3 54.8
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.737 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:146 Resp: 49164
Ion Ratio Lower Upper
146 100
111 37.0 17.7 53.1
148 63.8 32.3 96.9

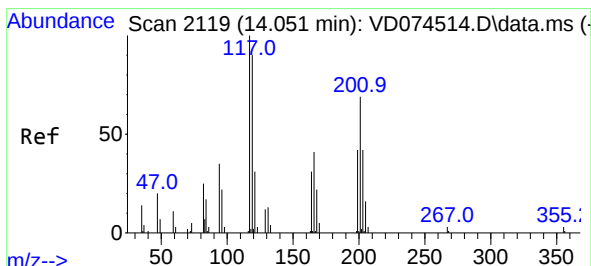
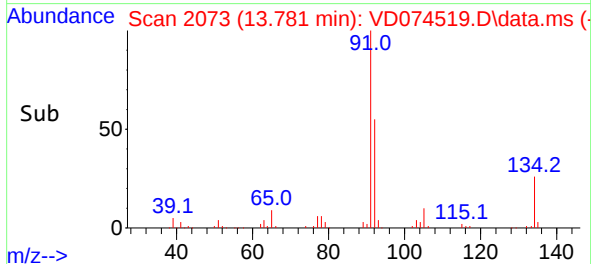
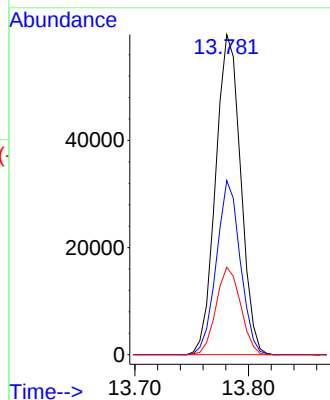
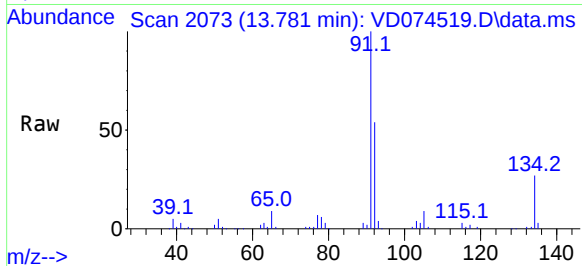




#89
n-Butylbenzene
Concen: 19.895 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

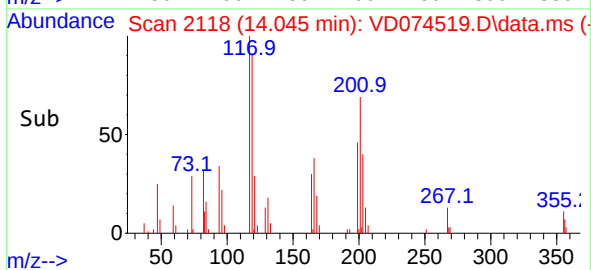
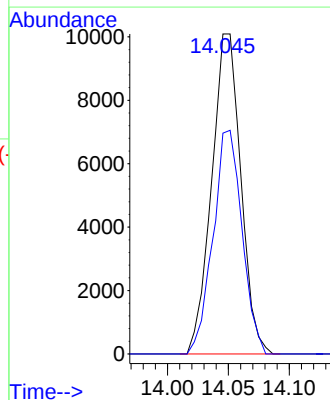
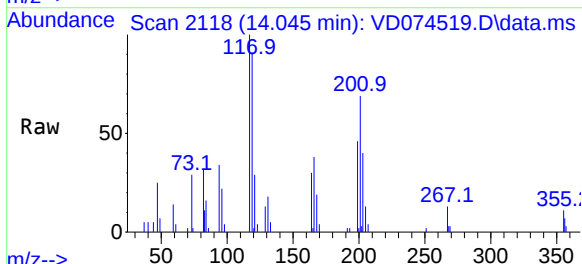
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

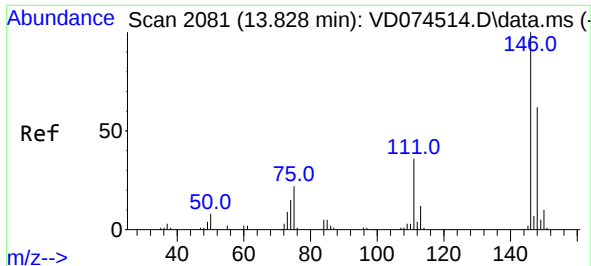
Tgt Ion: 91	Resp:	91657
Ion Ratio	Lower	Upper
91	100	
92	51.8	26.9 80.7
134	26.7	13.4 40.2



#90
Hexachloroethane
Concen: 19.237 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion: 117	Resp:	16834
Ion Ratio	Lower	Upper
117	100	
201	69.4	38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 19.778 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

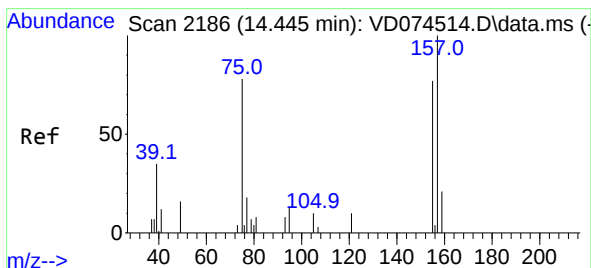
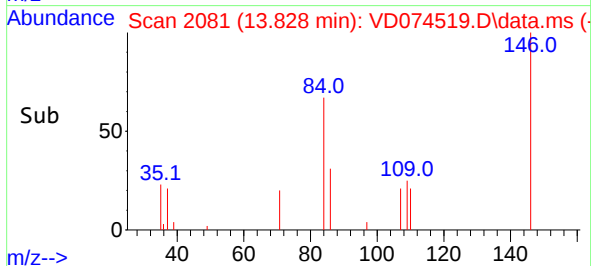
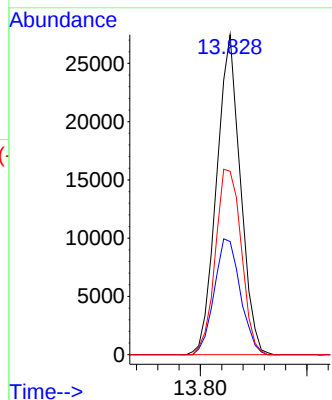
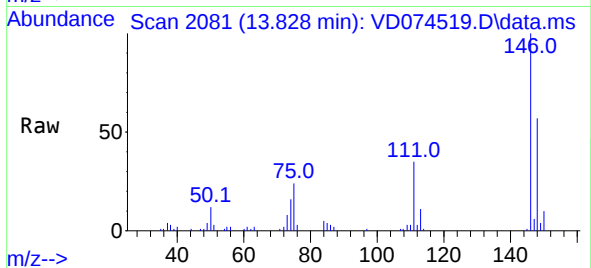
Tgt Ion:146 Resp: 42607

Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.5

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.758 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.001 min

Lab File: VD074519.D

Acq: 11 Oct 2022 15:17

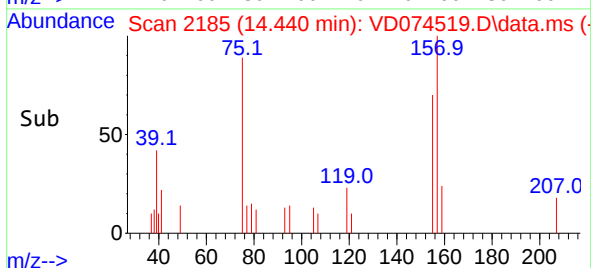
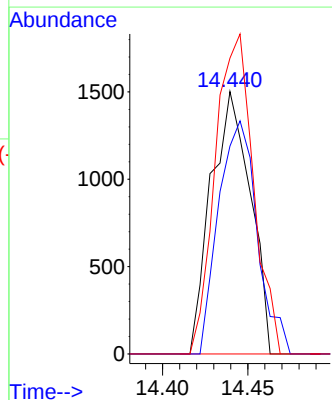
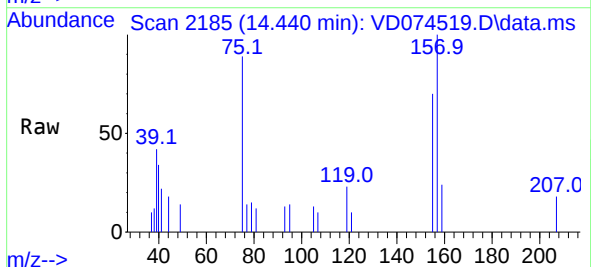
Tgt Ion: 75 Resp: 2406

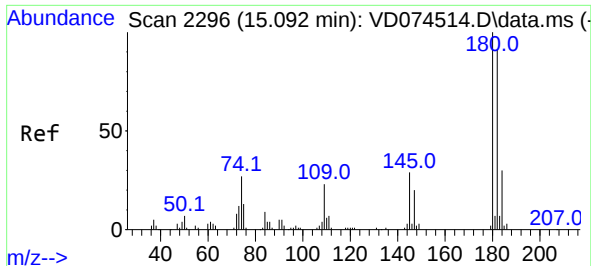
Ion Ratio Lower Upper

75 100

155 87.3 51.2 153.8

157 118.4 68.2 204.5

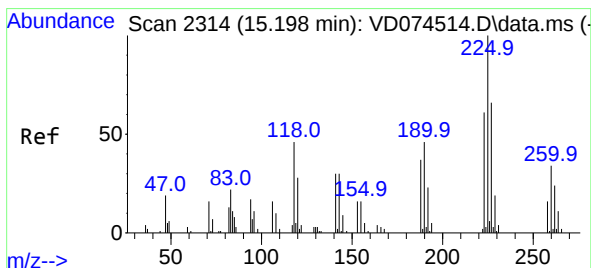
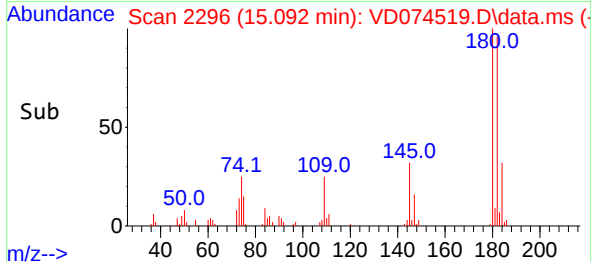
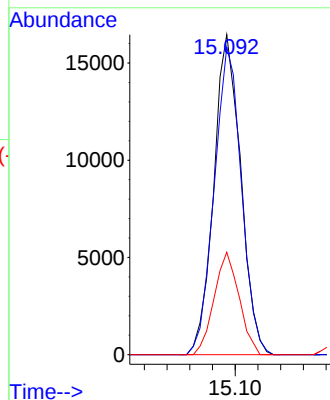
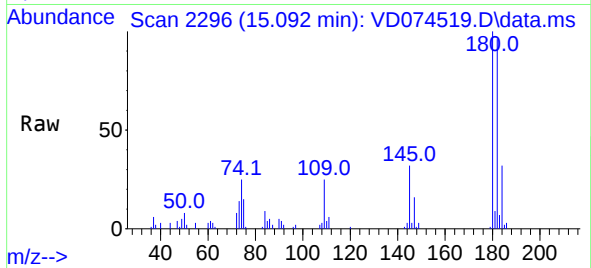




#93
1,2,4-Trichlorobenzene
Concen: 19.121 ug/l
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

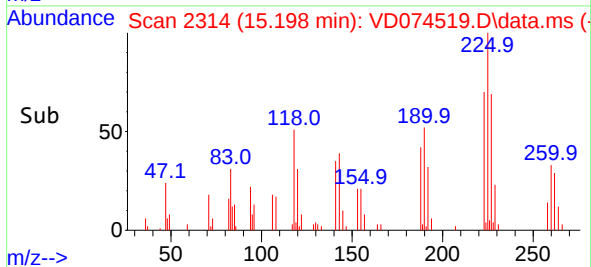
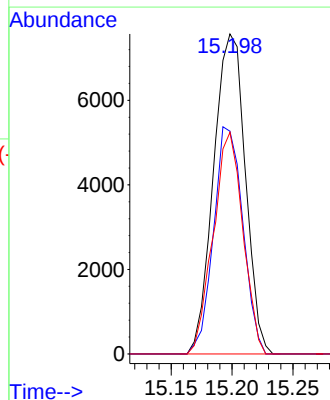
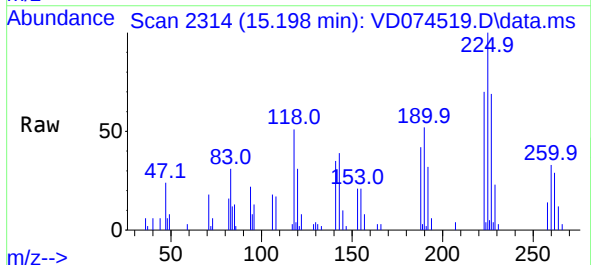
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

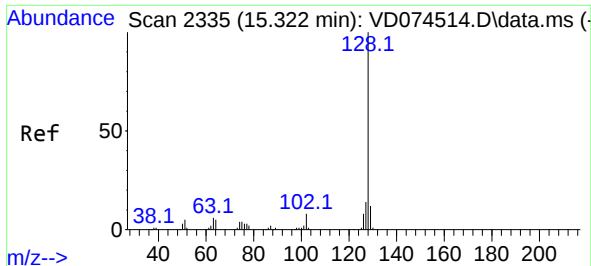
Tgt Ion:180 Resp: 27107
Ion Ratio Lower Upper
180 100
182 97.1 46.9 140.6
145 29.6 14.1 42.3



#94
Hexachlorobutadiene
Concen: 18.554 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:225 Resp: 13737
Ion Ratio Lower Upper
225 100
223 65.3 31.9 95.5
227 64.5 32.6 97.8

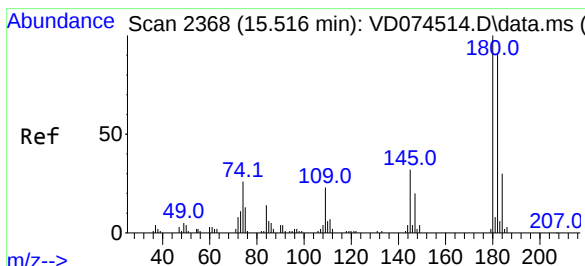
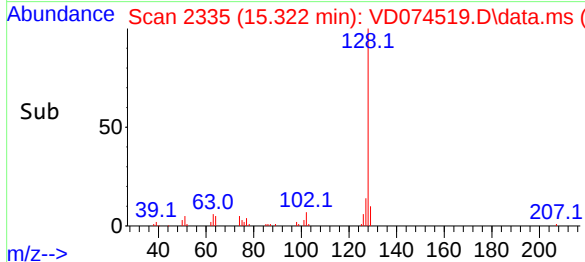
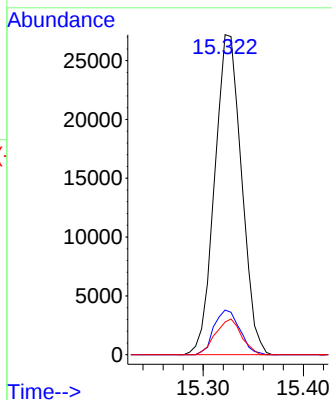
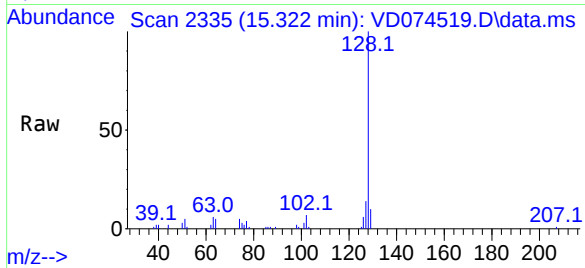




#95
Naphthalene
Concen: 19.045 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128	Resp:	50618
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 16.0
129	10.7	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.881 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074519.D
Acq: 11 Oct 2022 15:17

Tgt Ion:180	Resp:	23097
Ion Ratio	Lower	Upper
180	100	
182	96.5	46.7 140.1
145	32.6	14.9 44.7

