

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074419.D
 Acq On : 26 Sep 2022 13:56
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 27 02:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	102936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	47313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76233	138.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 276.520%#	
35) Dibromofluoromethane	7.804	113	99420	131.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 262.580%#	
50) Toluene-d8	10.269	98	352125	149.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 299.520%#	
62) 4-Bromofluorobenzene	12.569	95	113096	120.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 240.040%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	71139	135.600	ug/l	97
3) Chloromethane	2.146	50	63517	120.111	ug/l	91
4) Vinyl Chloride	2.275	62	64186	142.658	ug/l	96
5) Bromomethane	2.658	94	50215	145.503	ug/l	100
6) Chloroethane	2.816	64	47785	153.207	ug/l	100
7) Trichlorofluoromethane	3.163	101	146003	140.375	ug/l	98
8) Diethyl Ether	3.587	74	48460	156.550	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	104976	148.101	ug/l	98
10) Methyl Iodide	4.158	142	132769	217.268	ug/l	98
11) Tert butyl alcohol	5.057	59	36594	364.503	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	99687	149.433	ug/l	97
13) Acrolein	3.793	56	26426	683.021	ug/l	99
14) Allyl chloride	4.558	41	104865	153.001	ug/l	99
15) Acrylonitrile	5.246	53	98794	761.688	ug/l	99
16) Acetone	4.022	43	85130	803.175	ug/l	98
17) Carbon Disulfide	4.263	76	216611	142.301	ug/l	99
18) Methyl Acetate	4.563	43	46214	133.599	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	225538	157.279	ug/l	100
20) Methylene Chloride	4.793	84	113390	108.454	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	105966	149.052	ug/l	93
22) Diisopropyl ether	6.216	45	238840	151.765	ug/l	98
23) Vinyl Acetate	6.152	43	586583	907.164	ug/l	97
24) 1,1-Dichloroethane	6.110	63	175985	147.669	ug/l	99
25) 2-Butanone	7.081	43	110350	753.506	ug/l	92
26) 2,2-Dichloropropane	7.075	77	161674	147.349	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	125284	149.613	ug/l	99
28) Bromochloromethane	7.428	49	57947	151.670	ug/l	100
29) Tetrahydrofuran	7.440	42	63950	763.496	ug/l	98
30) Chloroform	7.593	83	191632	143.376	ug/l	99
31) Cyclohexane	7.875	56	125655	134.558	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	171259	149.119	ug/l	98
36) 1,1-Dichloropropene	8.004	75	135701	145.994	ug/l	99
37) Ethyl Acetate	7.169	43	47406	153.542	ug/l	96
38) Carbon Tetrachloride	7.993	117	139813	158.920	ug/l	97
39) Methylcyclohexane	9.269	83	163187	148.753	ug/l	98
40) Benzene	8.251	78	398556	144.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26855	141.831	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	99981	145.339	ug/l	99
43) Isopropyl Acetate	8.363	43	91982	153.781	ug/l	98
44) Trichloroethene	9.028	130	123008	147.211	ug/l	100
45) 1,2-Dichloropropane	9.304	63	97555	148.657	ug/l	98
46) Dibromomethane	9.393	93	57724	147.432	ug/l	98
47) Bromodichloromethane	9.587	83	149990	150.887	ug/l	98
48) Methyl methacrylate	9.381	41	39676	147.588	ug/l	93
49) 1,4-Dioxane	9.381	88	13663	3531.618	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	234638	761.642	ug/l	100
52) Toluene	10.334	92	267360	150.946	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	134646	162.644	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	162883	154.806	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	82600	152.504	ug/l	97
56) Ethyl methacrylate	10.598	69	96717	160.513	ug/l	99
57) 1,3-Dichloropropane	10.881	76	132737	151.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	110872	1183.973	ug/l	100
59) 2-Hexanone	10.922	43	166159	801.790	ug/l	98
60) Dibromochloromethane	11.069	129	103998	154.162	ug/l	98
61) 1,2-Dibromoethane	11.181	107	77510	148.486	ug/l	98
64) Tetrachloroethene	10.810	164	102014	142.210	ug/l	90
65) Chlorobenzene	11.604	112	297094	149.974	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	111857	156.347	ug/l	98
67) Ethyl Benzene	11.681	91	536611	154.083	ug/l	99
68) m/p-Xylenes	11.792	106	422527	308.095	ug/l	98
69) o-Xylene	12.116	106	200961	157.809	ug/l	98
70) Styrene	12.134	104	339945	153.815	ug/l	99
71) Bromoform	12.298	173	62111	157.273	ug/l #	96
73) Isopropylbenzene	12.416	105	537505	153.646	ug/l	100
74) N-amyl acetate	12.228	43	86591	157.298	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	90889	148.258	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	104042	284.889	ug/l #	1
77) Bromobenzene	12.698	156	125661	150.713	ug/l	98
78) n-propylbenzene	12.757	91	630513	149.709	ug/l	100
79) 2-Chlorotoluene	12.845	91	341932	150.615	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	433647	149.860	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	26047	176.607	ug/l	96
82) 4-Chlorotoluene	12.939	91	341764	146.354	ug/l	100
83) tert-Butylbenzene	13.163	119	391816	150.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	430671	149.495	ug/l	98
85) sec-Butylbenzene	13.339	105	589382	150.120	ug/l	98
86) p-Isopropyltoluene	13.457	119	502976	153.638	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	258661	151.474	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	248584	145.464	ug/l	98
89) n-Butylbenzene	13.781	91	460119	151.889	ug/l	99
90) Hexachloroethane	14.051	117	92129	159.035	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	218694	147.404	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12861	166.705	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	155233	155.283	ug/l	99
94) Hexachlorobutadiene	15.198	225	85026	154.123	ug/l	99
95) Naphthalene	15.328	128	296020	161.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	135007	155.545	ug/l	99

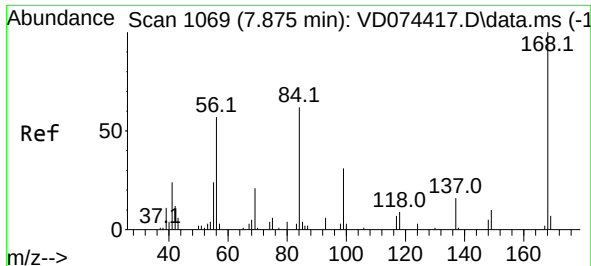
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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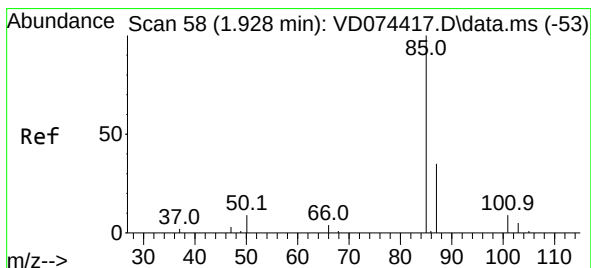
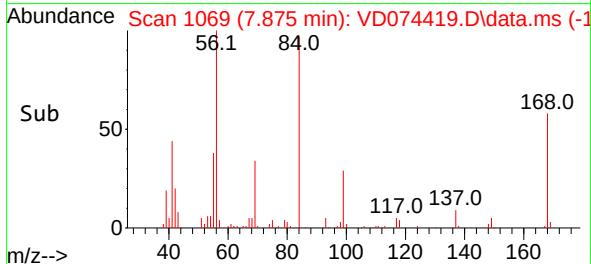
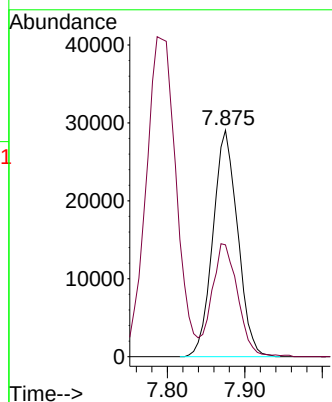
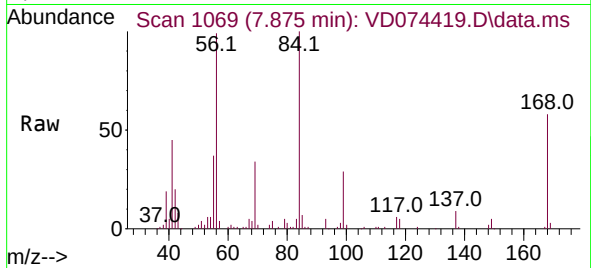
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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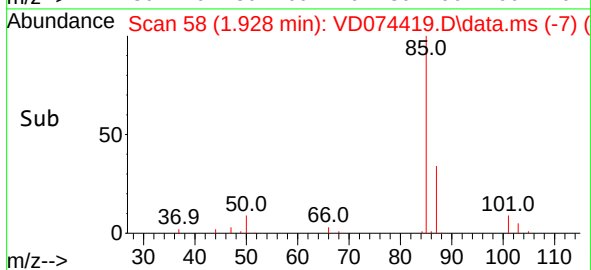
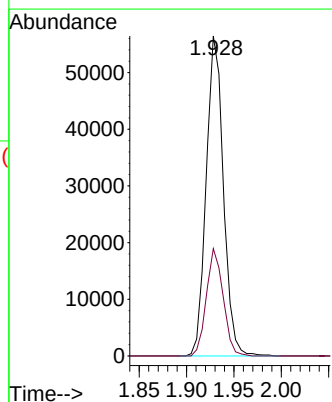
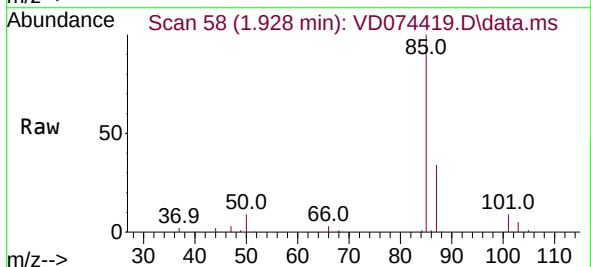
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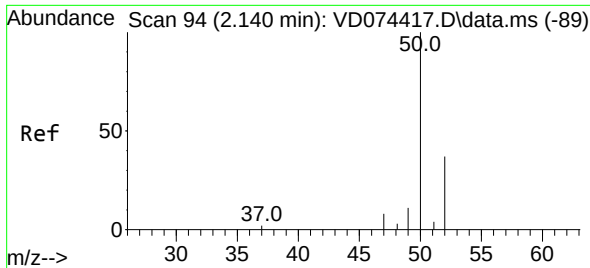
Tgt Ion:168 Resp: 64347
Ion Ratio Lower Upper
168 100
99 48.9 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 135.600 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 85 Resp: 71139
Ion Ratio Lower Upper
85 100
87 33.5 17.5 52.6

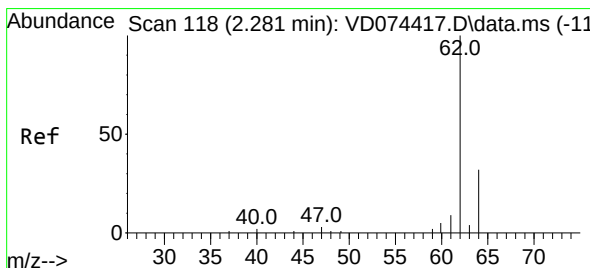
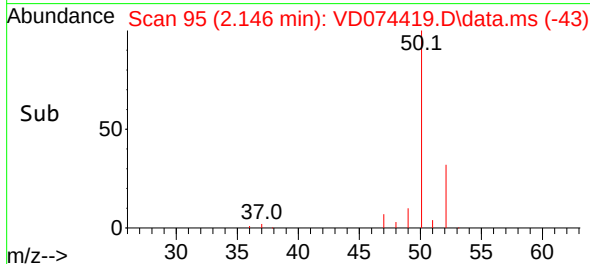
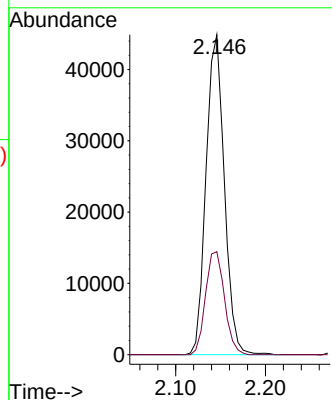
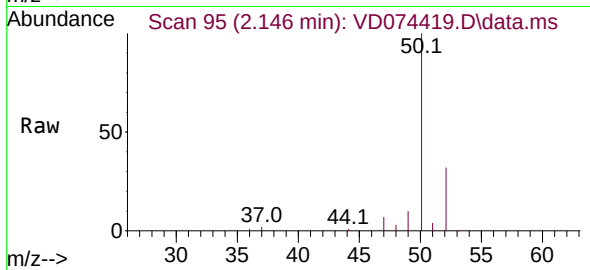




#3
Chloromethane
Concen: 120.111 ug/l
RT: 2.146 min Scan# 94
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

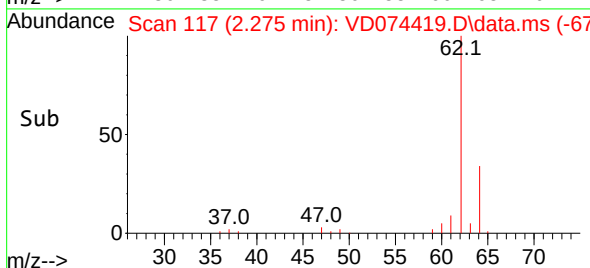
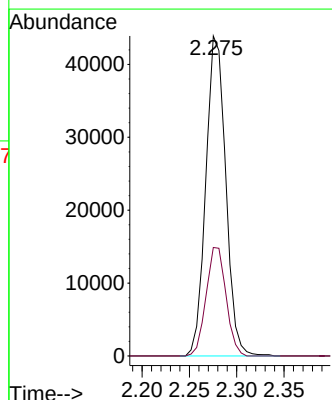
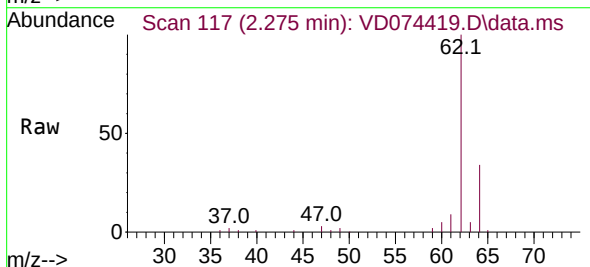
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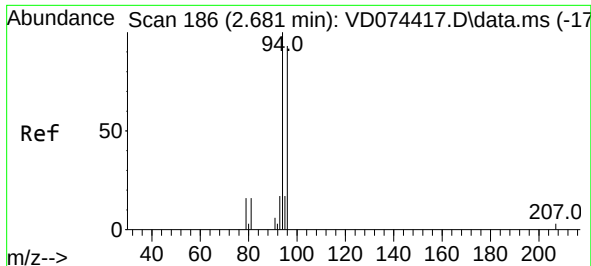
Tgt Ion: 50 Resp: 63517
Ion Ratio Lower Upper
50 100
52 32.2 30.0 45.0



#4
Vinyl Chloride
Concen: 142.658 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 62 Resp: 64186
Ion Ratio Lower Upper
62 100
64 33.9 25.5 38.3

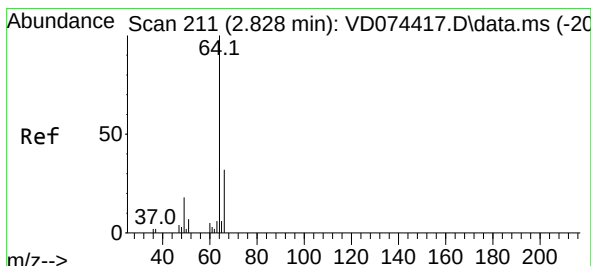
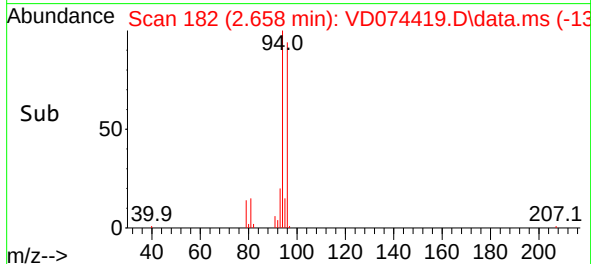
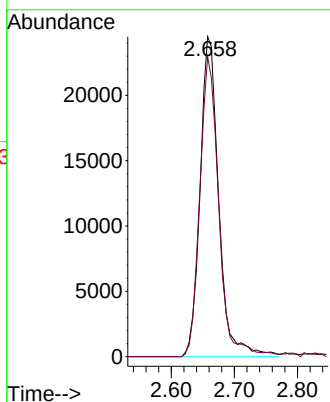
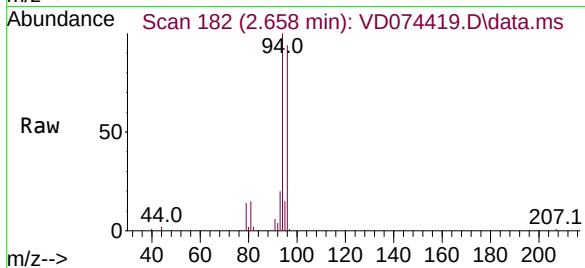




#5
Bromomethane
Concen: 145.503 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

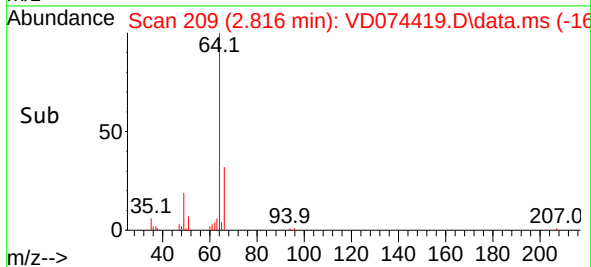
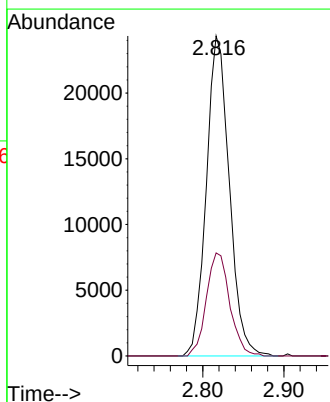
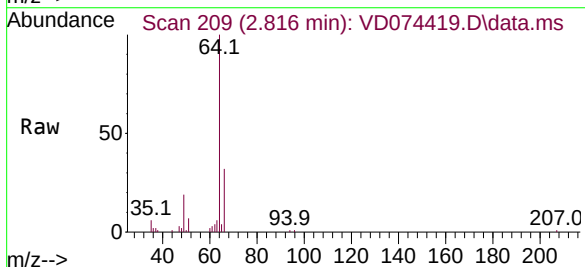
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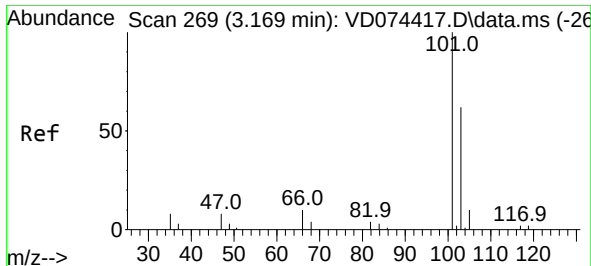
Tgt Ion: 94 Resp: 50215
Ion Ratio Lower Upper
94 100
96 93.8 74.6 112.0



#6
Chloroethane
Concen: 153.207 ug/l
RT: 2.816 min Scan# 209
Delta R.T. -0.012 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 64 Resp: 47785
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8

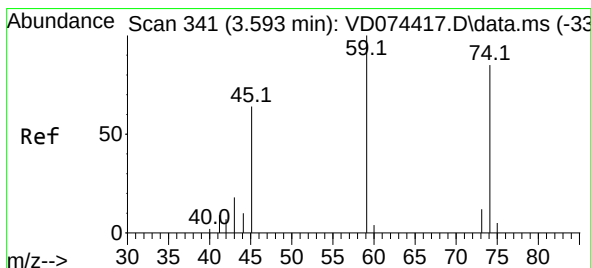
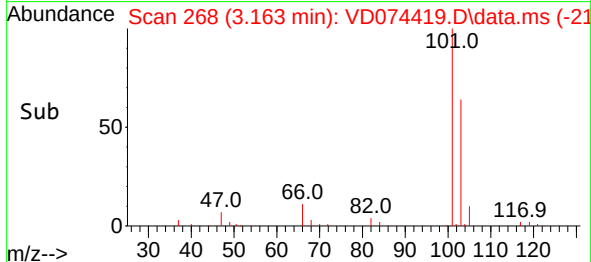
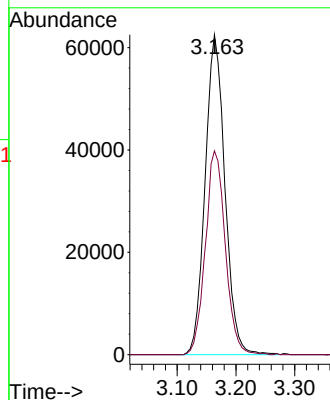
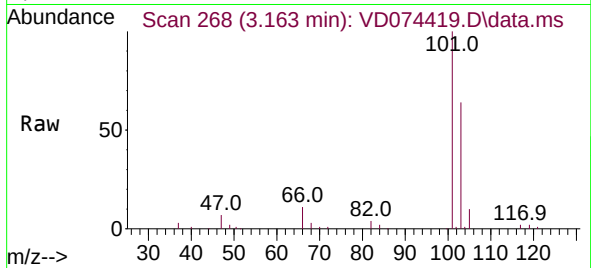




#7
 Trichlorofluoromethane
 Concen: 140.375 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD074419.D
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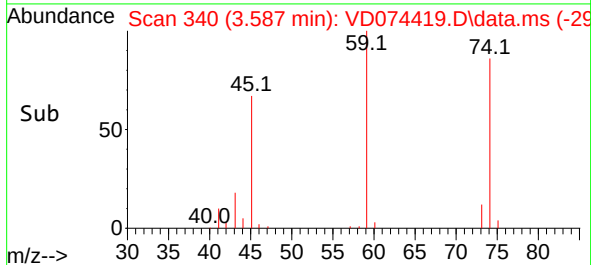
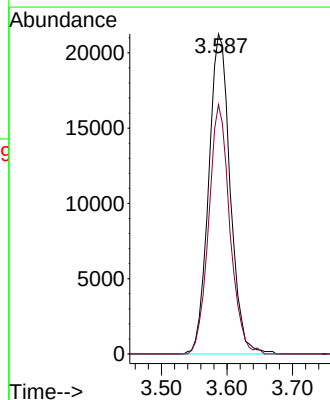
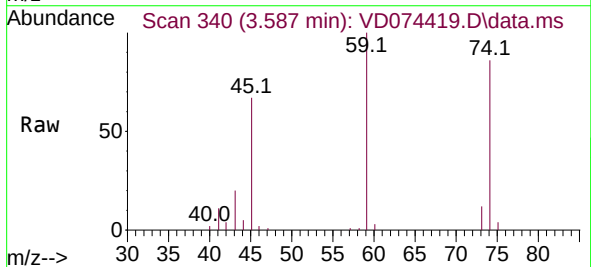
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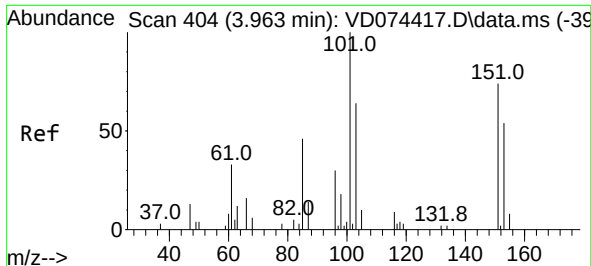
Tgt Ion:101 Resp: 146003
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.8 74.8



#8
 Diethyl Ether
 Concen: 156.550 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion: 74 Resp: 48460
 Ion Ratio Lower Upper
 74 100
 45 76.4 37.9 113.6

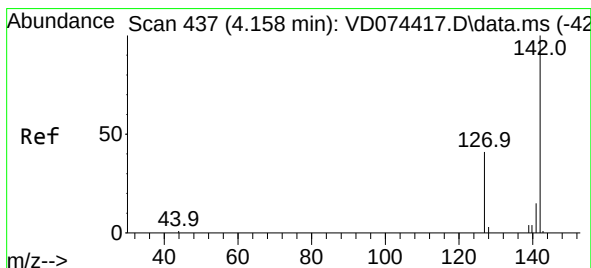
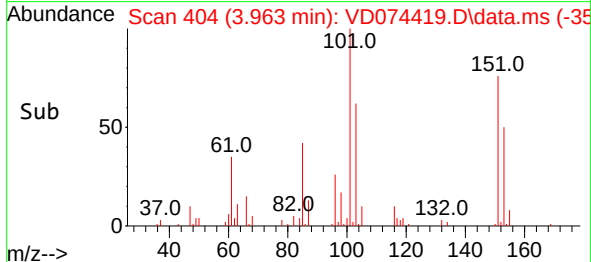
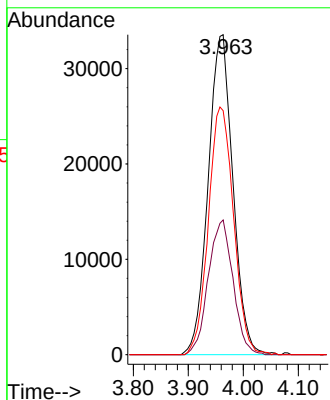
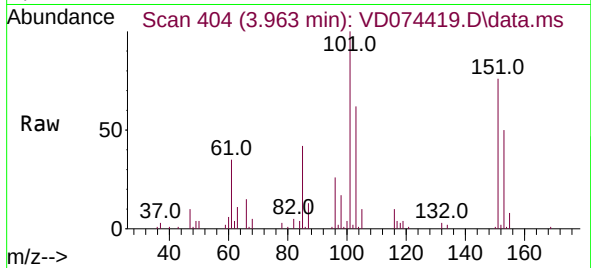




#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.101 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
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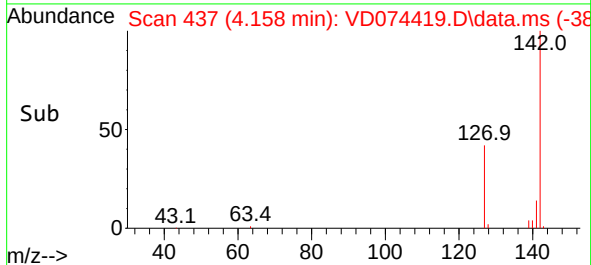
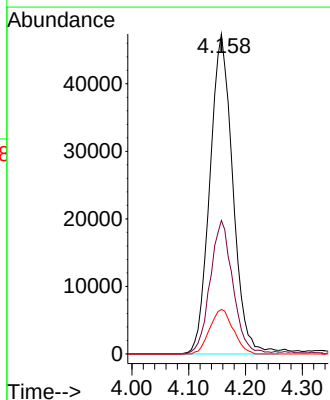
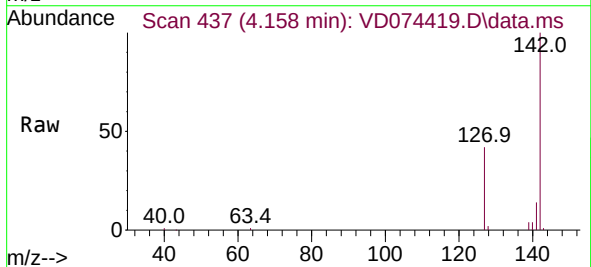
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ClientSampleId :
VSTDIC150

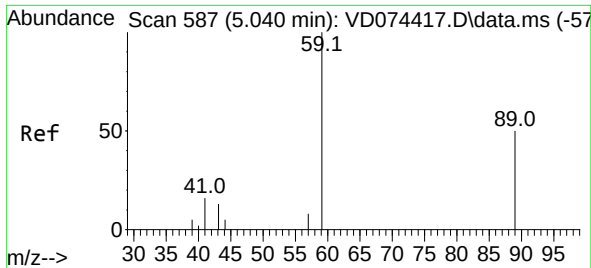
Tgt Ion:101 Resp: 104976
Ion Ratio Lower Upper
101 100
85 42.1 34.1 51.1
151 78.9 61.7 92.5



#10
Methyl Iodide
Concen: 217.268 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion:142 Resp: 132769
Ion Ratio Lower Upper
142 100
127 41.4 31.9 47.9
141 14.2 11.4 17.2

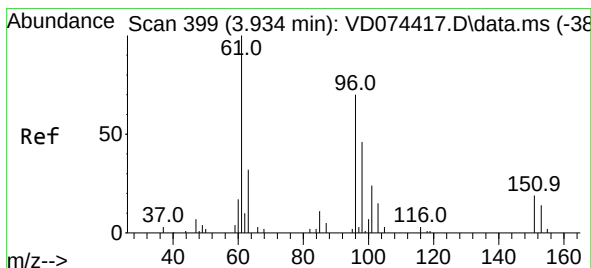
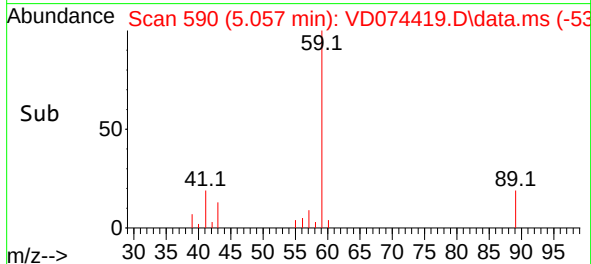
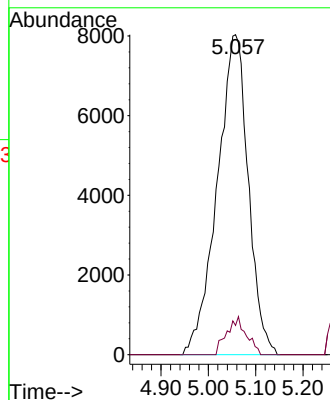
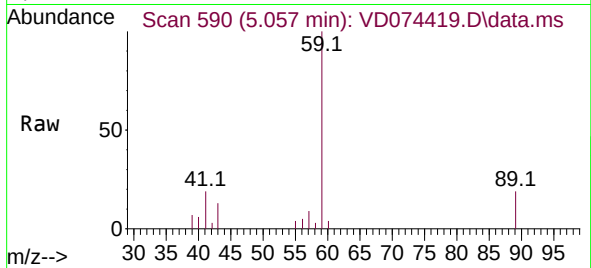




#11
Tert butyl alcohol
Concen: 364.503 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

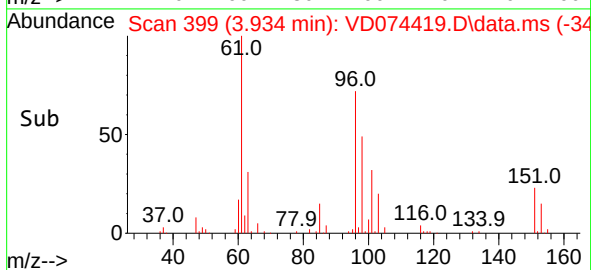
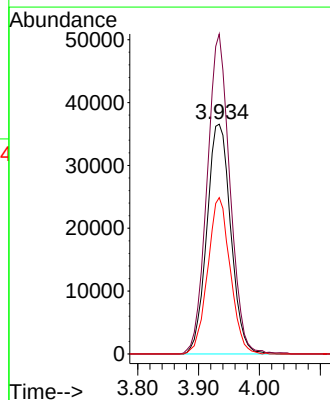
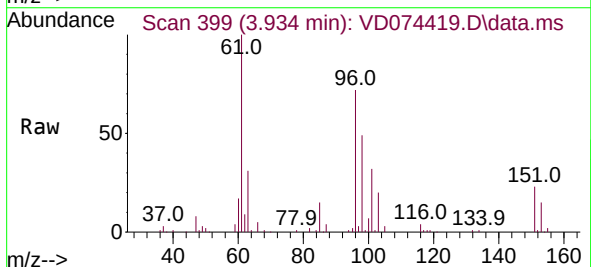
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

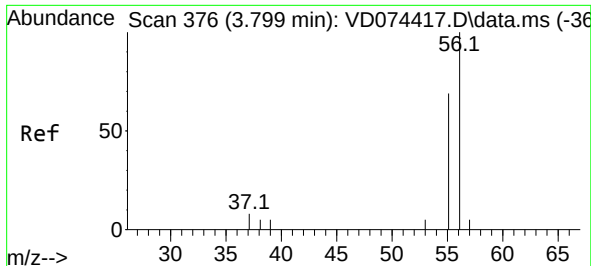
Tgt Ion: 59 Resp: 36594
Ion Ratio Lower Upper
59 100
57 7.4 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 149.433 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 96 Resp: 99687
Ion Ratio Lower Upper
96 100
61 139.3 113.9 170.9
98 68.0 51.8 77.8





#13

Acrolein

Concen: 683.021 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

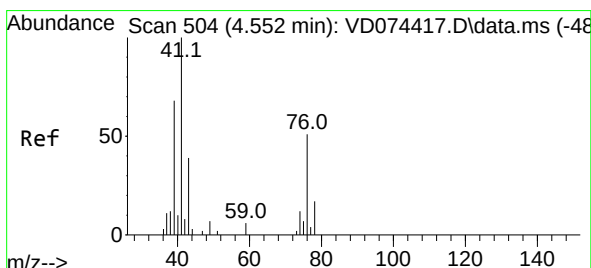
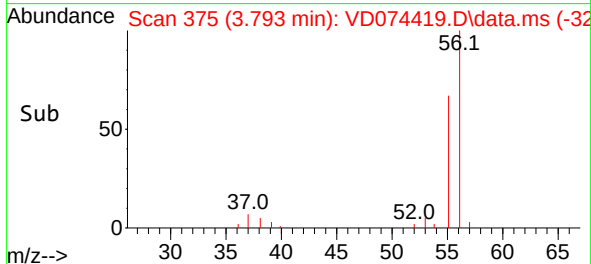
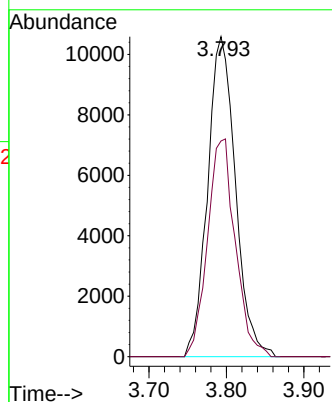
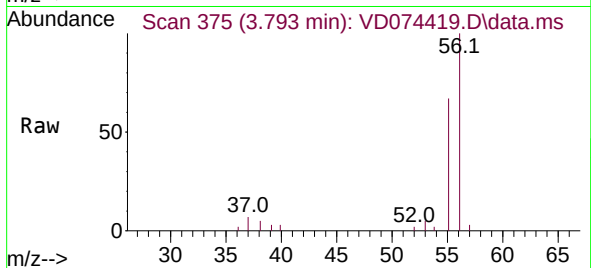
VSTDIC150

Tgt Ion: 56 Resp: 26426

Ion Ratio Lower Upper

56 100

55 67.9 54.0 81.0



#14

Allyl chloride

Concen: 153.001 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

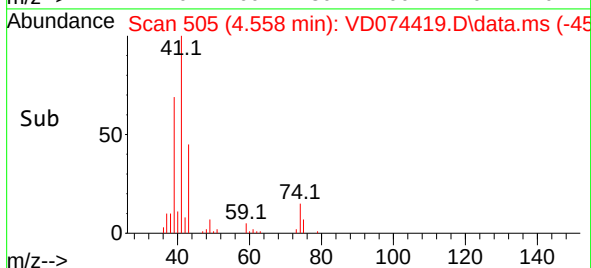
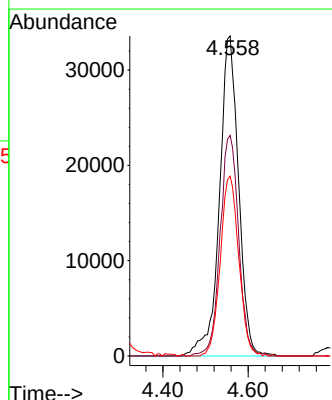
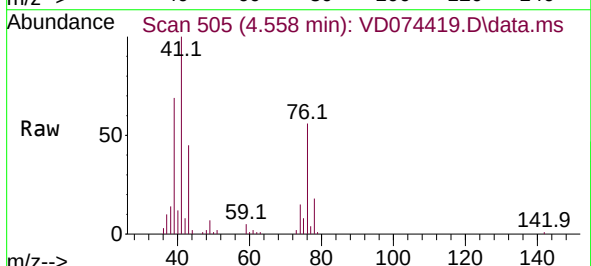
Tgt Ion: 41 Resp: 104865

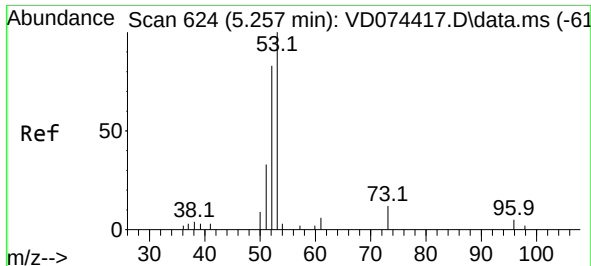
Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.2

76 54.1 42.4 63.6

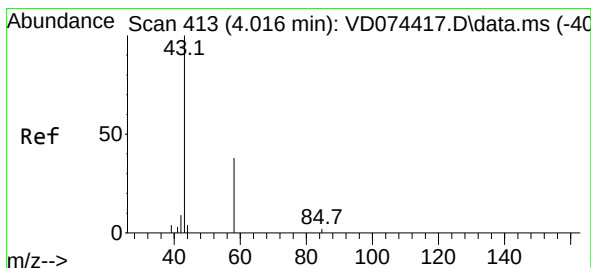
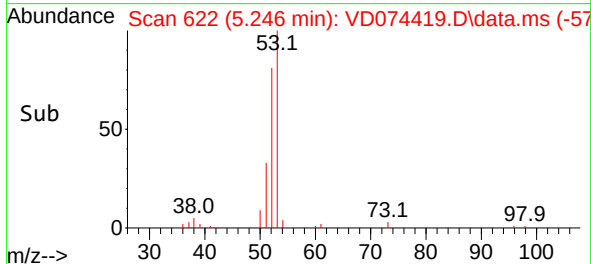
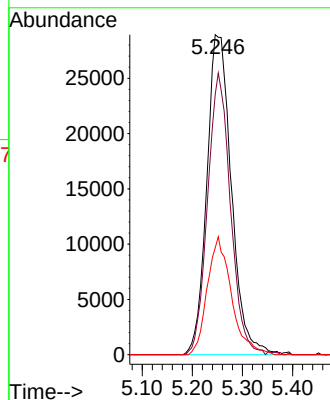
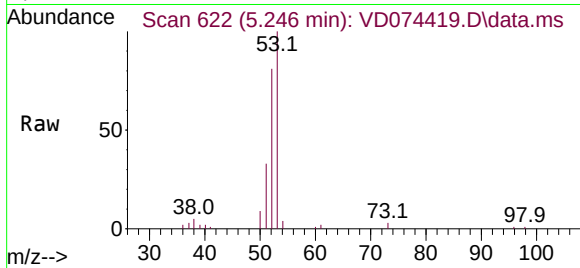




#15
Acrylonitrile
Concen: 761.688 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

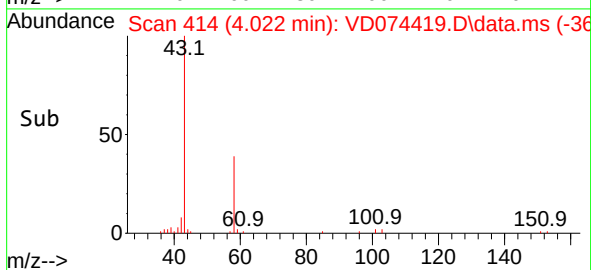
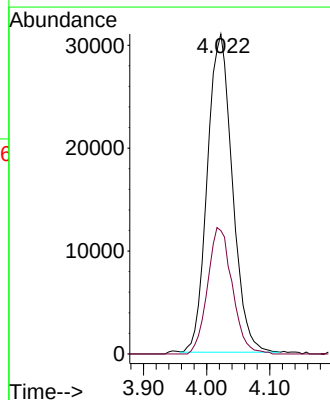
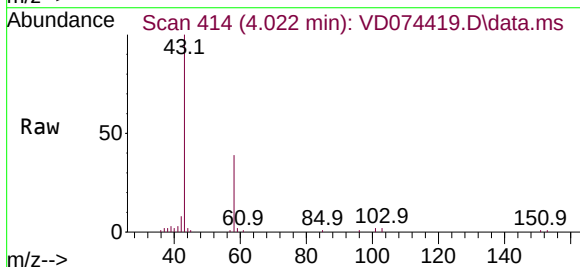
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

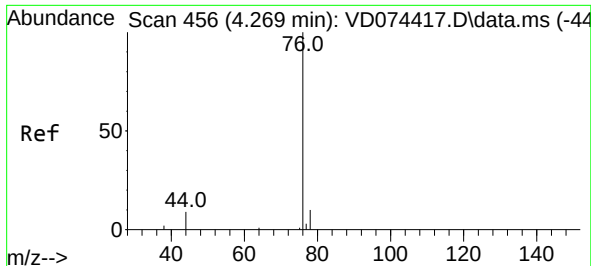
Tgt Ion: 53 Resp: 98794
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 36.0 28.3 42.5



#16
Acetone
Concen: 803.175 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 43 Resp: 85130
Ion Ratio Lower Upper
43 100
58 38.7 30.2 45.2

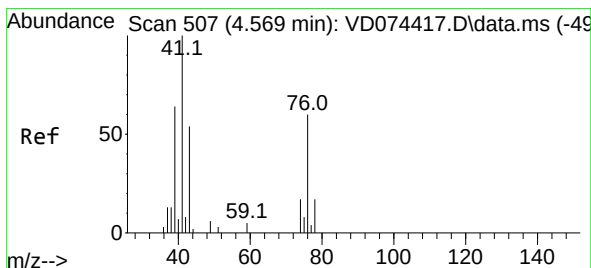
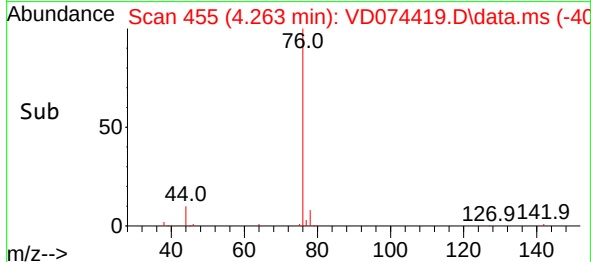
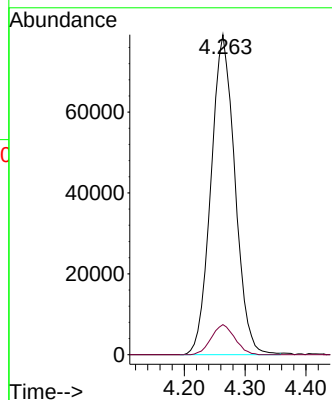
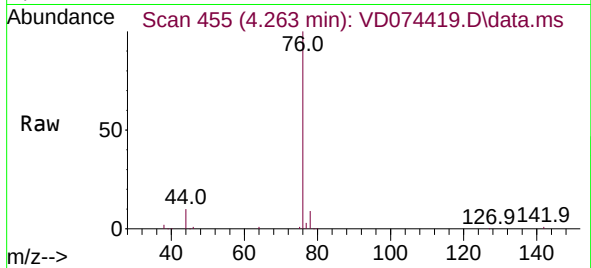




#17
Carbon Disulfide
Concen: 142.301 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

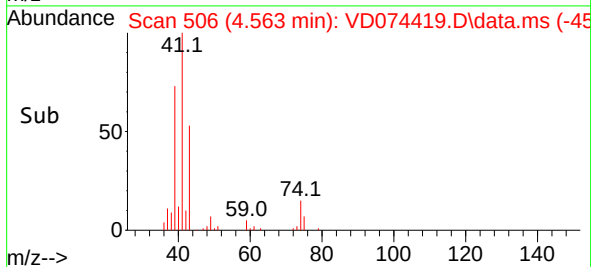
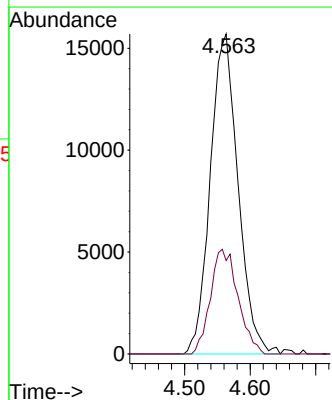
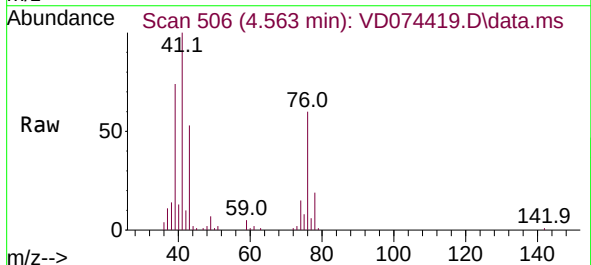
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

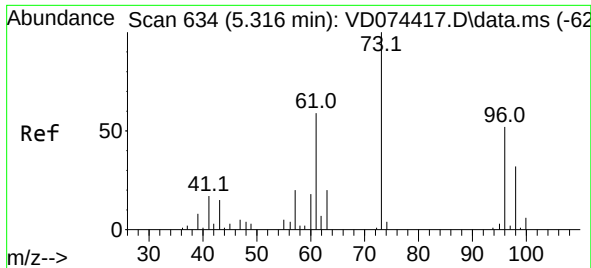
Tgt Ion: 76 Resp: 216611
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 133.599 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 43 Resp: 46214
Ion Ratio Lower Upper
43 100
74 32.4 24.7 37.1

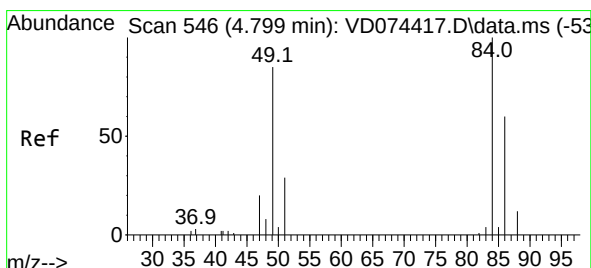
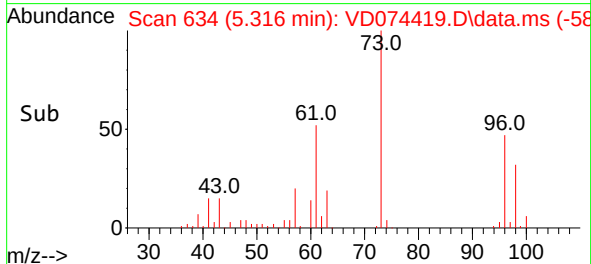
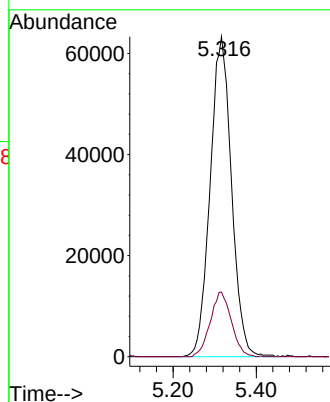
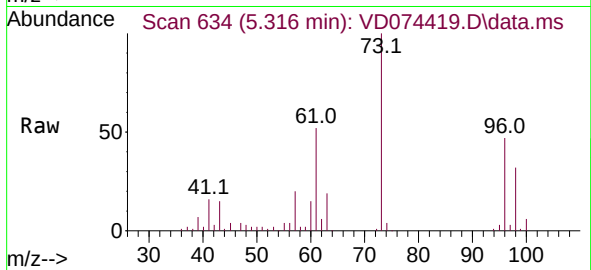




#19
Methyl tert-butyl Ether
Concen: 157.279 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

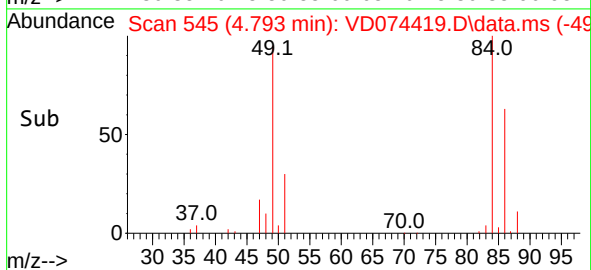
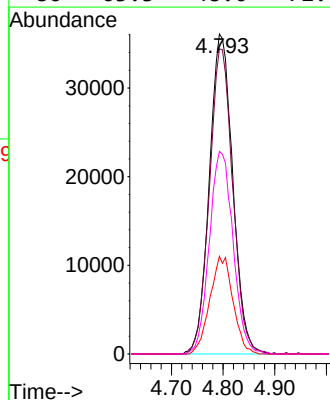
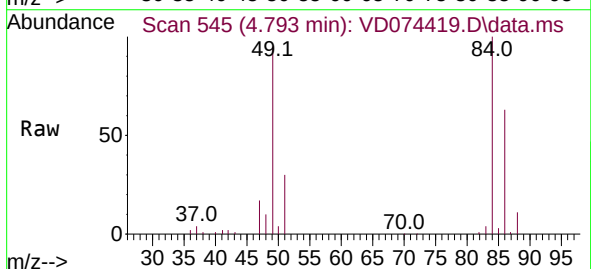
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

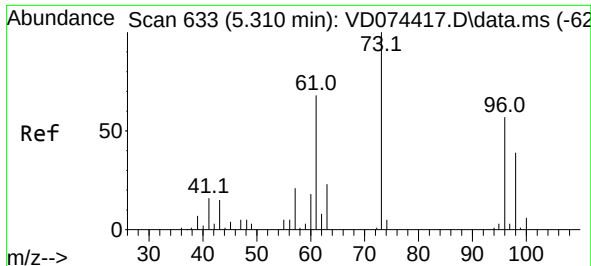
Tgt Ion: 73 Resp: 225538
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 108.454 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 84 Resp: 113390
Ion Ratio Lower Upper
84 100
49 95.4 68.0 102.0
51 30.5 23.2 34.8
86 63.3 48.0 72.0

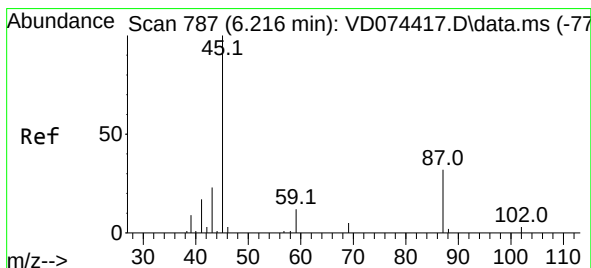
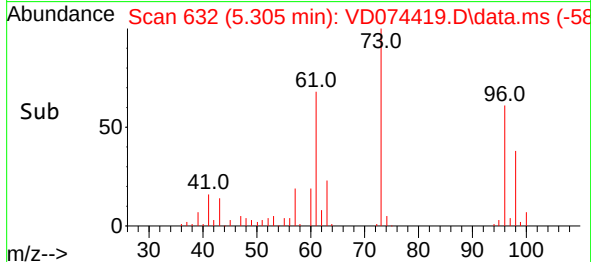
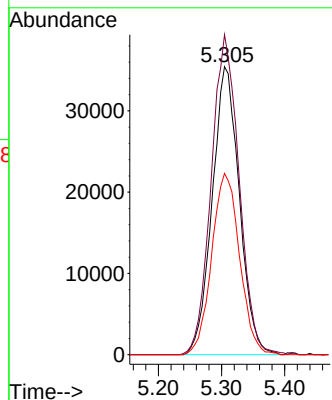
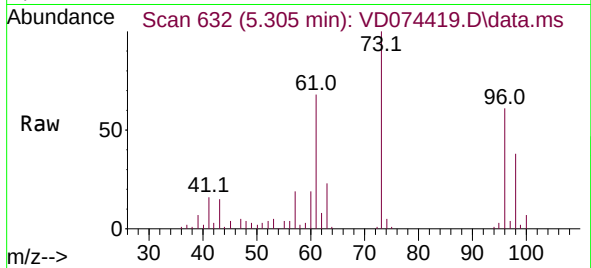




#21
trans-1,2-Dichloroethene
Concen: 149.052 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

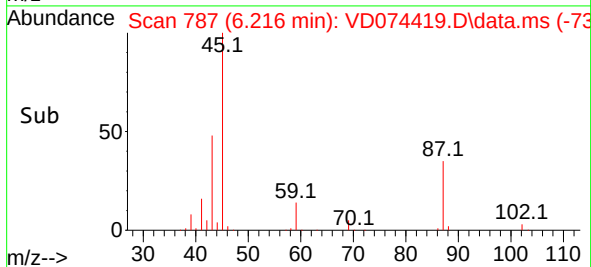
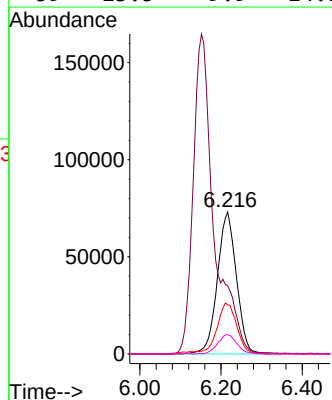
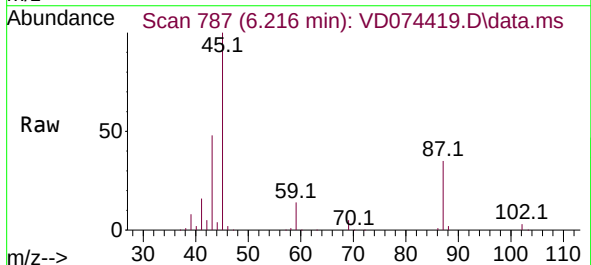
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

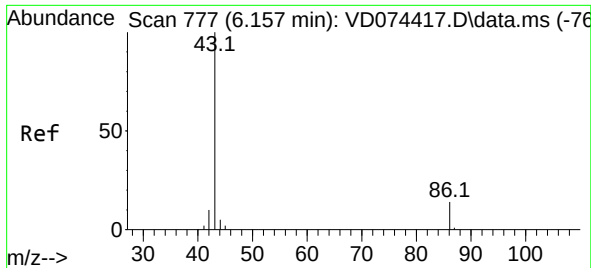
Tgt Ion: 96 Resp: 105966
Ion Ratio Lower Upper
96 100
61 111.1 95.7 143.5
98 62.9 54.8 82.2



#22
Diisopropyl ether
Concen: 151.765 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 45 Resp: 238840
Ion Ratio Lower Upper
45 100
43 47.6 37.8 56.6
87 34.7 26.6 40.0
59 13.5 9.9 14.9

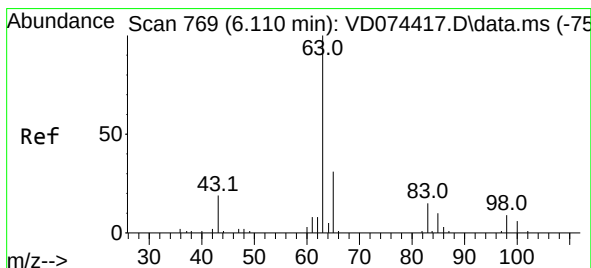
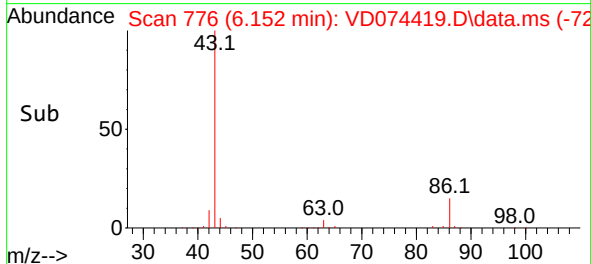
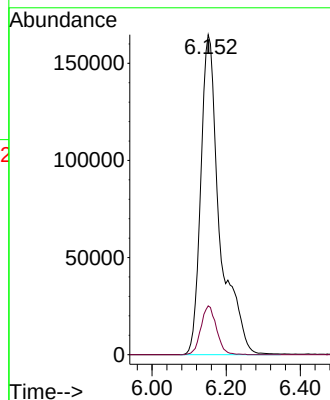
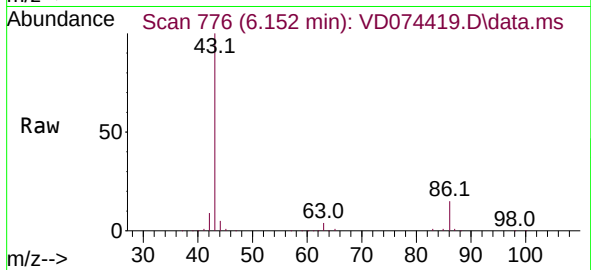




#23
 Vinyl Acetate
 Concen: 907.164 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

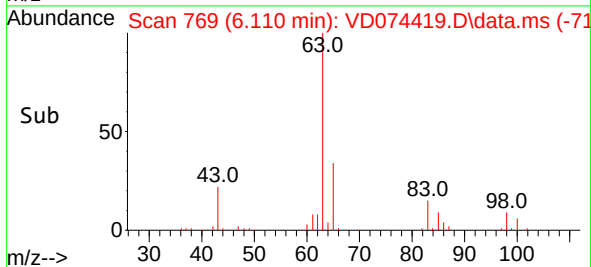
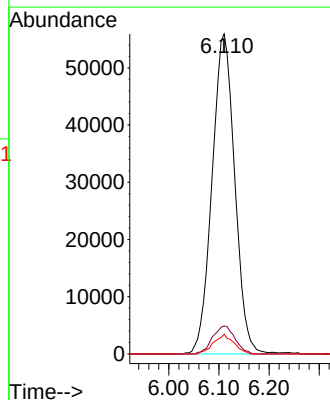
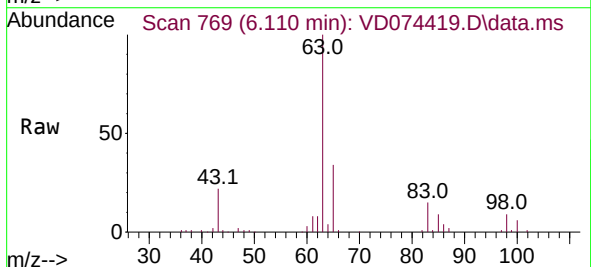
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

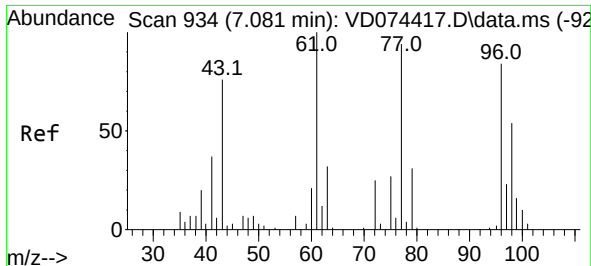
Tgt Ion: 43 Resp: 586583
 Ion Ratio Lower Upper
 43 100
 86 15.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 147.669 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion: 63 Resp: 175985
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.6 13.8
 100 6.2 2.9 8.6

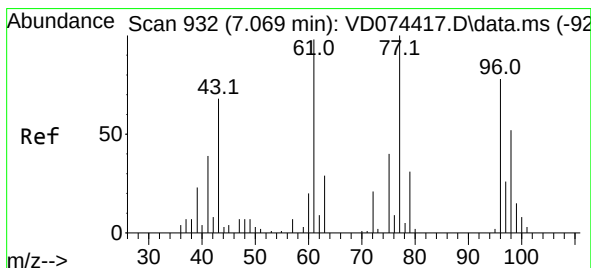
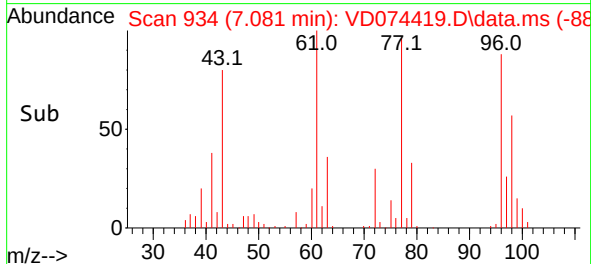
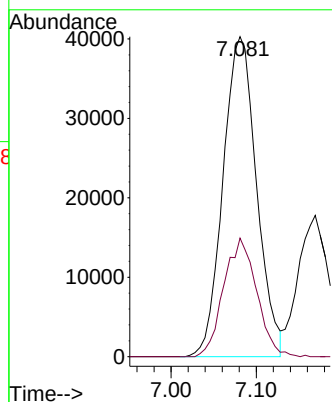
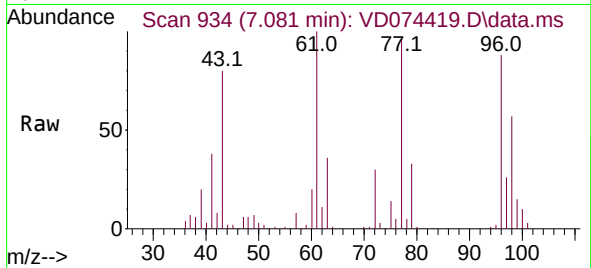




#25
2-Butanone
Concen: 753.506 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

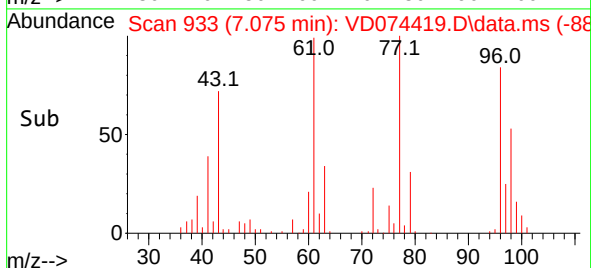
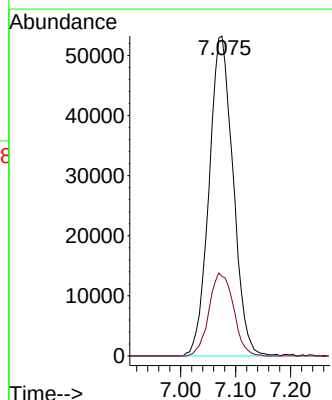
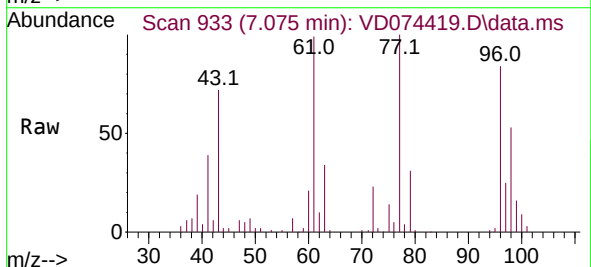
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

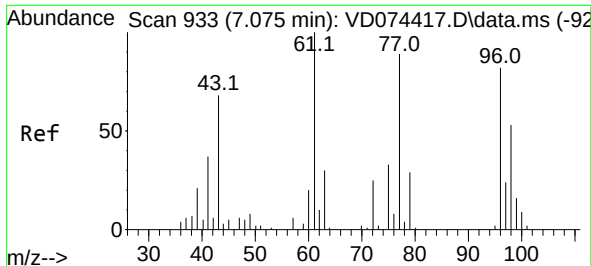
Tgt Ion: 43 Resp: 110350
Ion Ratio Lower Upper
43 100
72 37.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 147.349 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 77 Resp: 161674
Ion Ratio Lower Upper
77 100
97 26.4 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 149.613 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

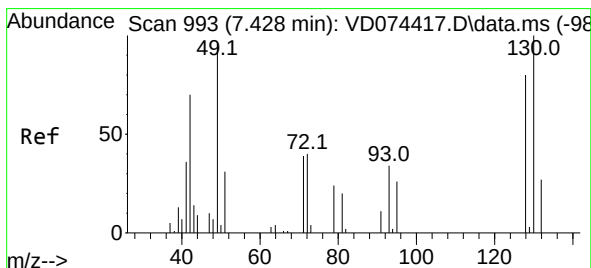
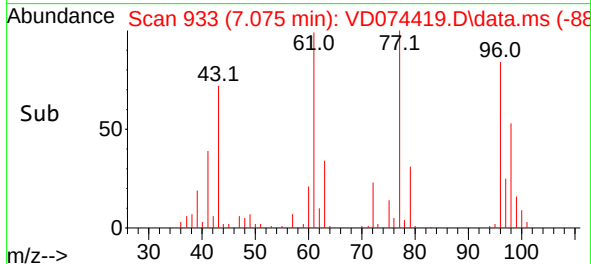
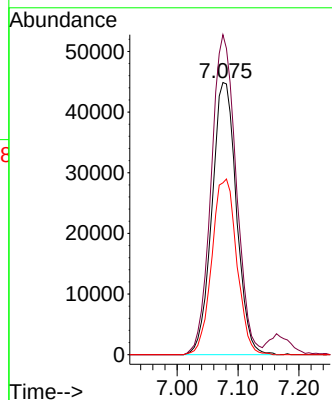
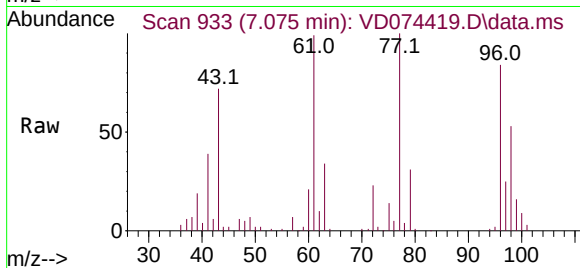
Tgt Ion: 96 Resp: 125284

Ion Ratio Lower Upper

96 100

61 120.1 0.0 242.4

98 65.8 0.0 130.0



#28

Bromochloromethane

Concen: 151.670 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

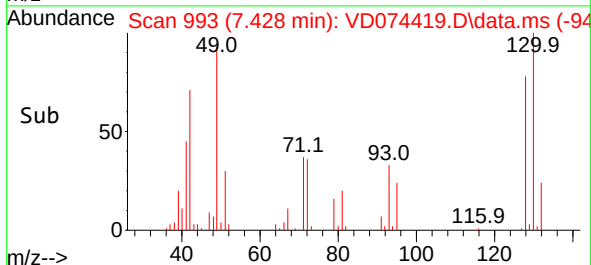
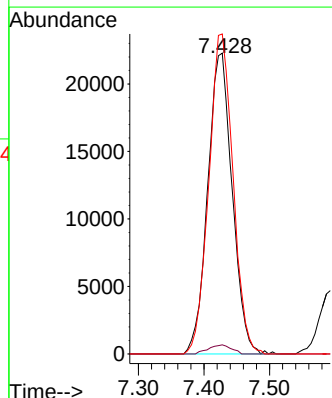
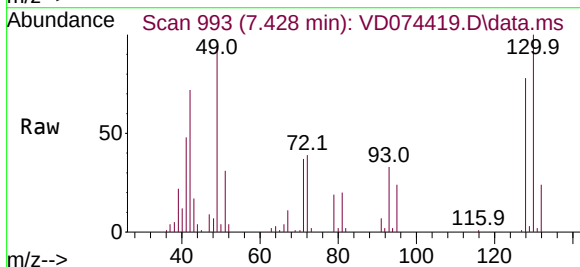
Tgt Ion: 49 Resp: 57947

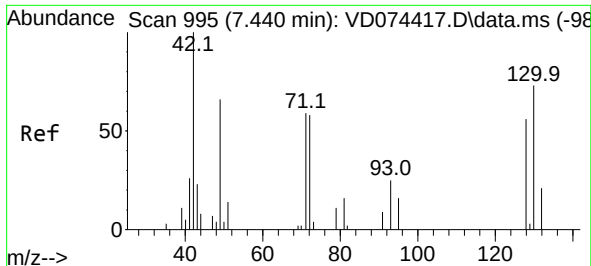
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 104.9 84.1 126.1





#29

Tetrahydrofuran

Concen: 763.496 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074419.D

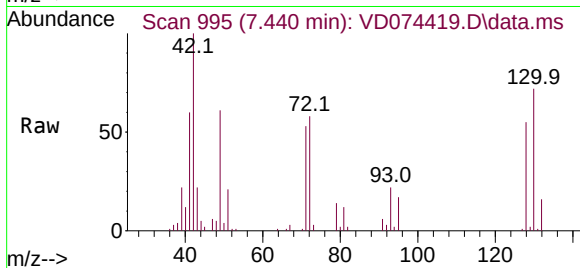
Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150



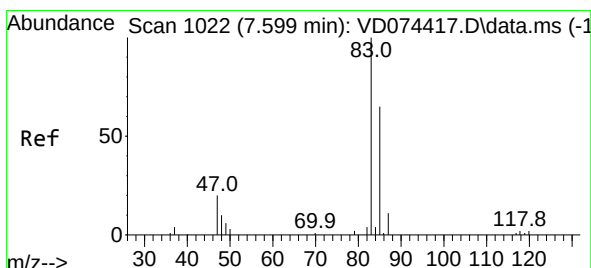
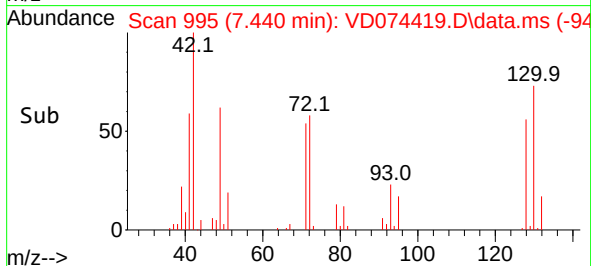
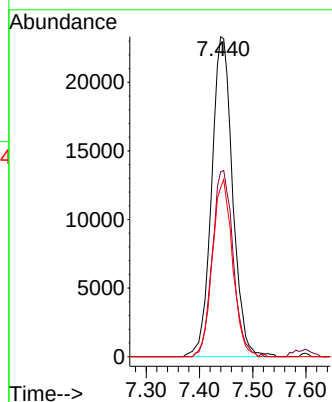
Tgt Ion: 42 Resp: 63950

Ion Ratio Lower Upper

42 100

72 57.5 45.8 68.6

71 53.2 44.6 66.8



#30

Chloroform

Concen: 143.376 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD074419.D

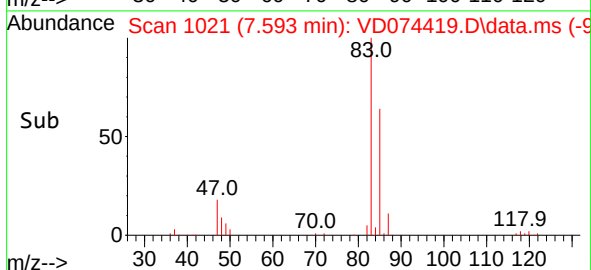
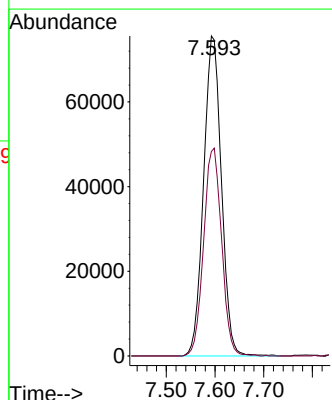
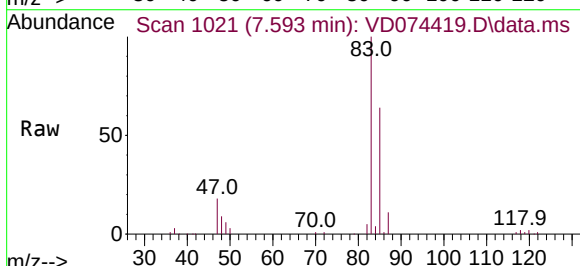
Acq: 26 Sep 2022 13:56

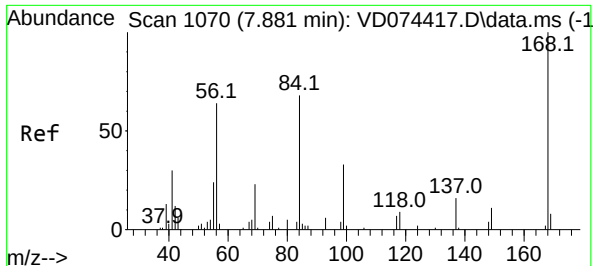
Tgt Ion: 83 Resp: 191632

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

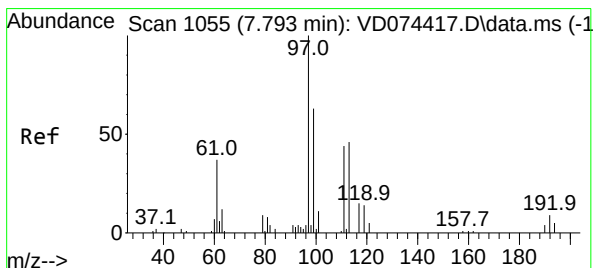
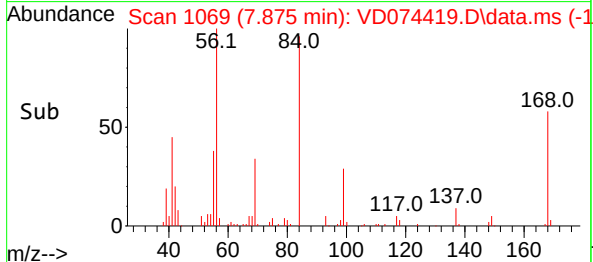
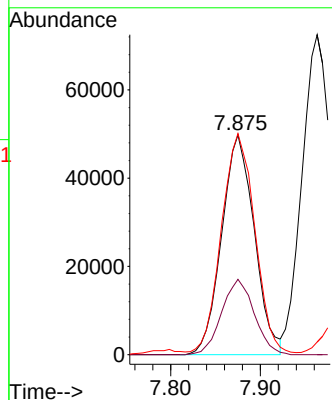
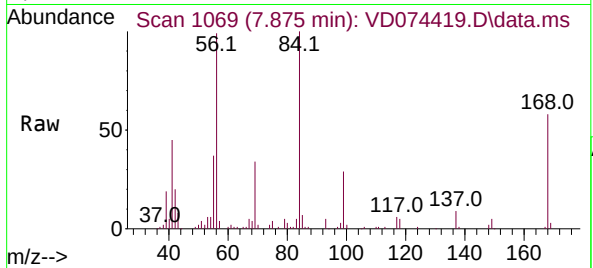




#31
Cyclohexane
Concen: 134.558 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

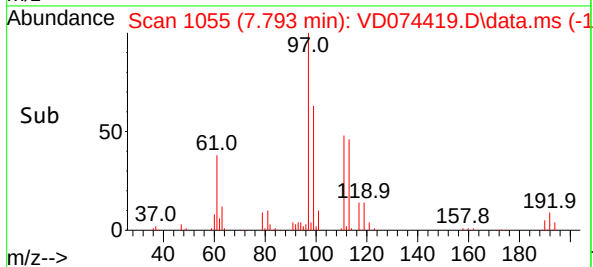
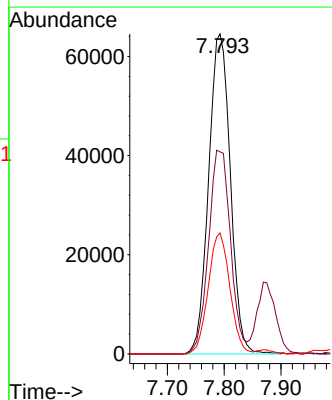
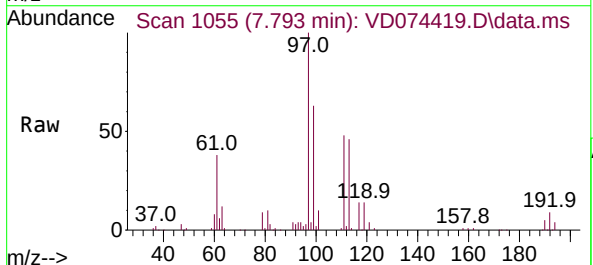
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

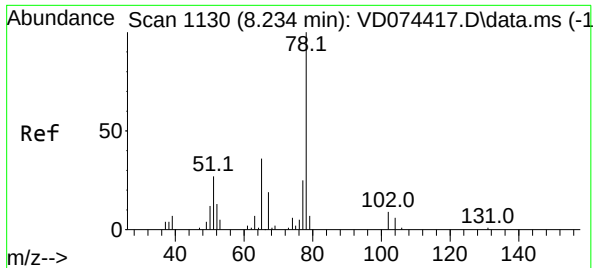
Tgt Ion: 56 Resp: 125655
Ion Ratio Lower Upper
56 100
69 34.3 29.2 43.8
84 99.2 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 149.119 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 97 Resp: 171259
Ion Ratio Lower Upper
97 100
99 64.5 53.3 79.9
61 37.7 30.2 45.4

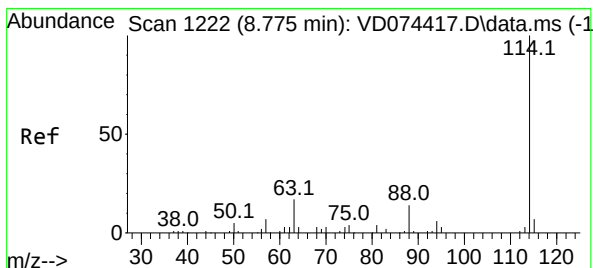
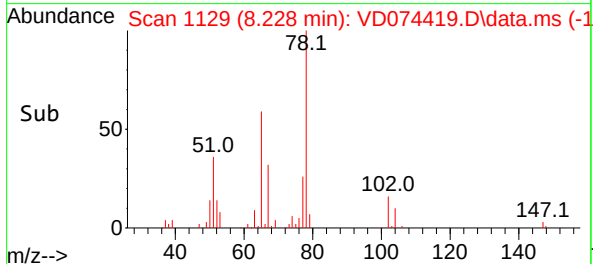
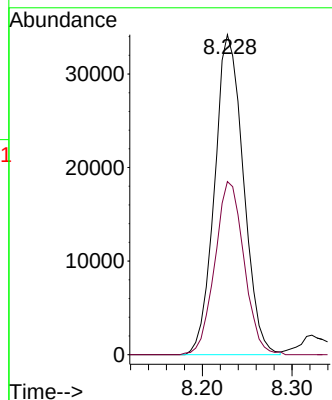
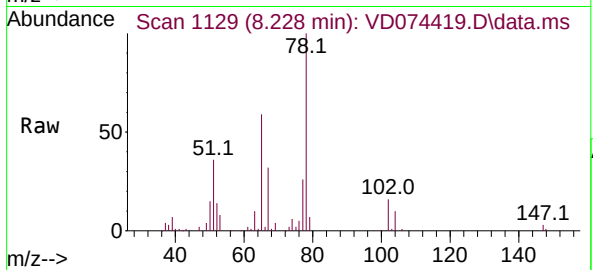




#33
 1,2-Dichloroethane-d4
 Concen: 138.258 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

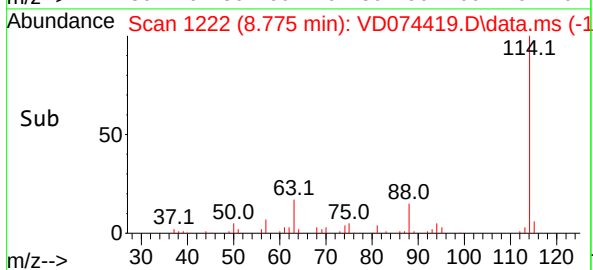
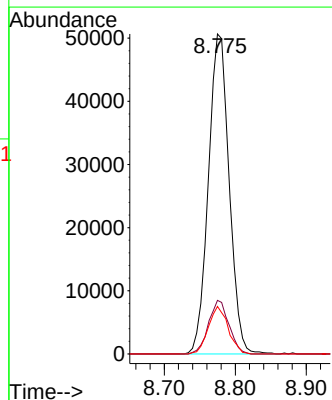
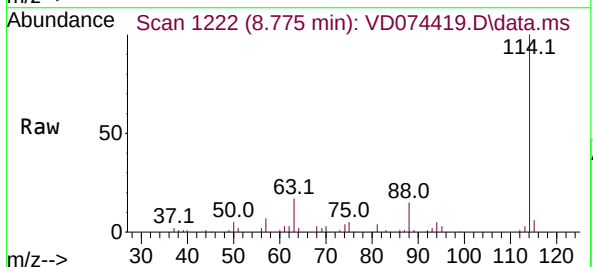
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

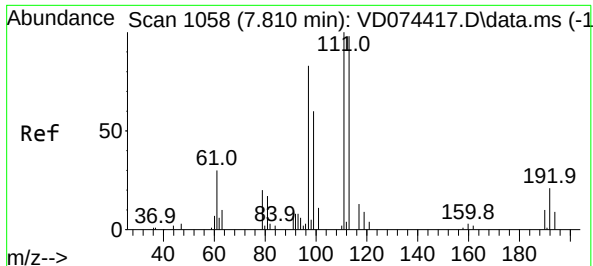
Tgt Ion: 65 Resp: 76233
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion: 114 Resp: 102936
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.2
 88 14.9 0.0 28.2



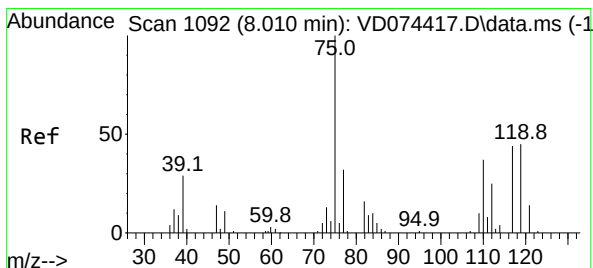
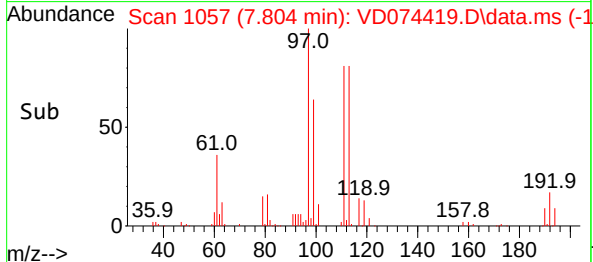
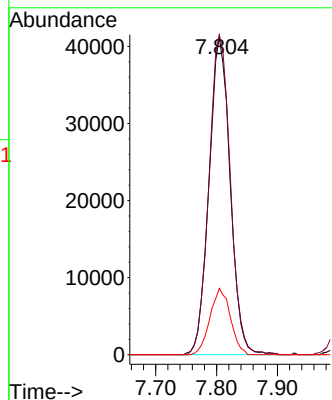
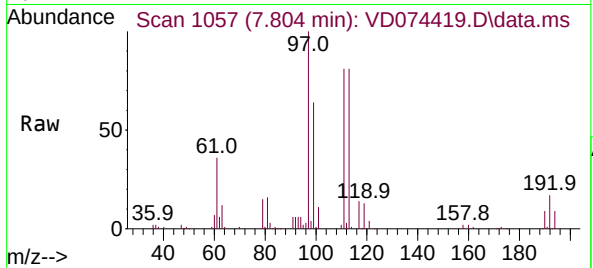


#35
 Dibromofluoromethane
 Concen: 131.291 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 113 Resp: 99420

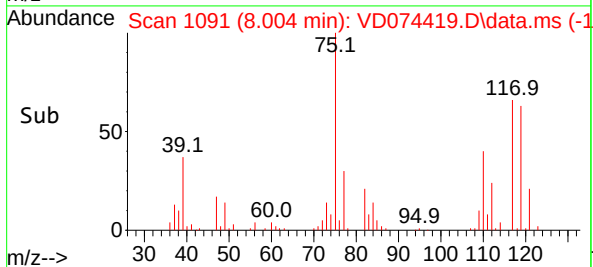
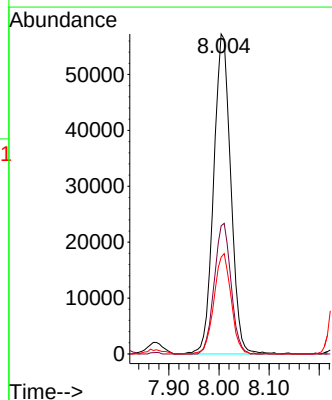
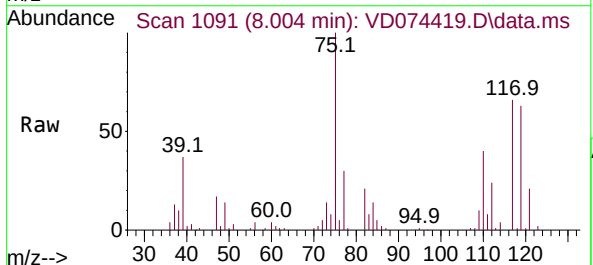
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	20.1	16.4	24.6

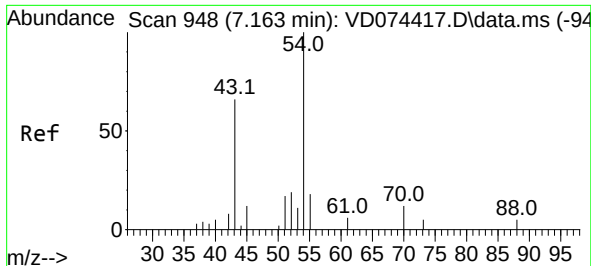


#36
 1,1-Dichloropropene
 Concen: 145.994 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion: 75 Resp: 135701

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.7	59.0
77	31.1	25.4	38.2

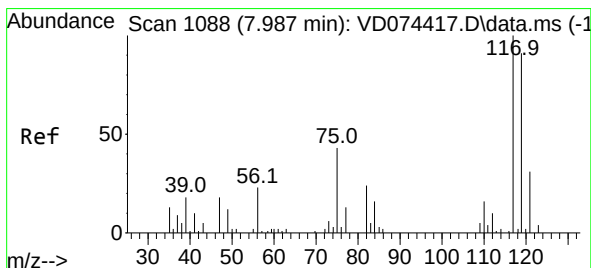
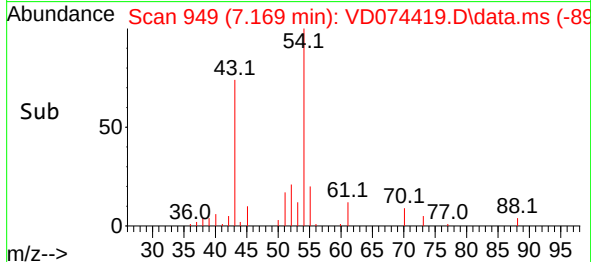
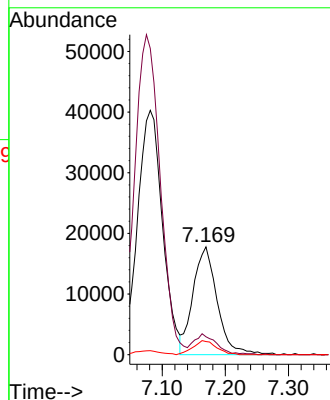
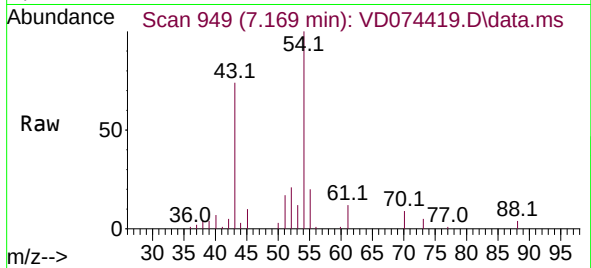




#37
Ethyl Acetate
Concen: 153.542 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

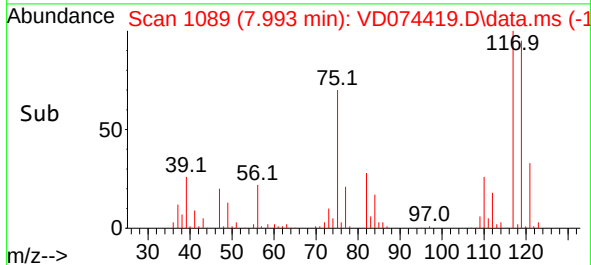
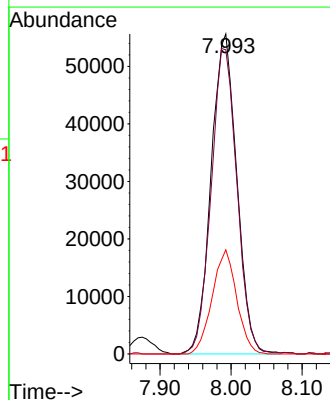
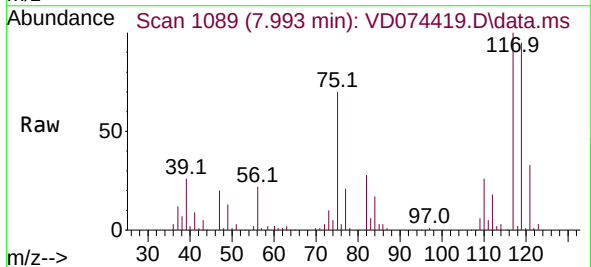
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

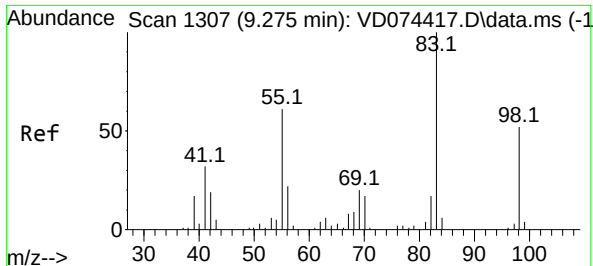
Tgt Ion: 43 Resp: 47406
Ion Ratio Lower Upper
43 100
61 18.0 12.2 18.4
70 12.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 158.920 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 117 Resp: 139813
Ion Ratio Lower Upper
117 100
119 95.1 73.1 109.7
121 32.5 25.0 37.6





#39

Methylcyclohexane

Concen: 148.753 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

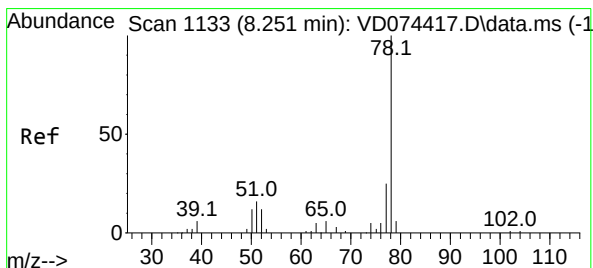
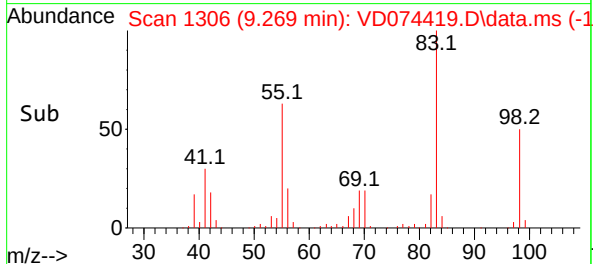
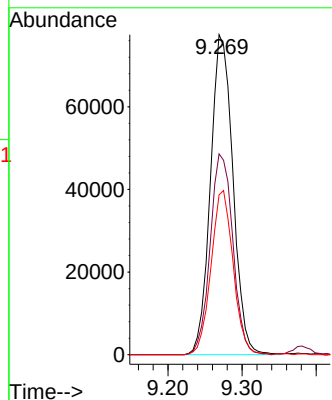
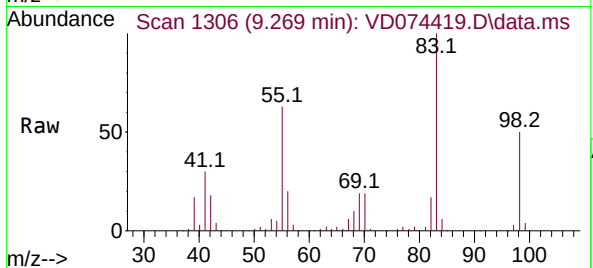
Tgt Ion: 83 Resp: 163187

Ion Ratio Lower Upper

83 100

55 62.7 49.0 73.4

98 50.0 41.7 62.5



#40

Benzene

Concen: 144.951 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074419.D

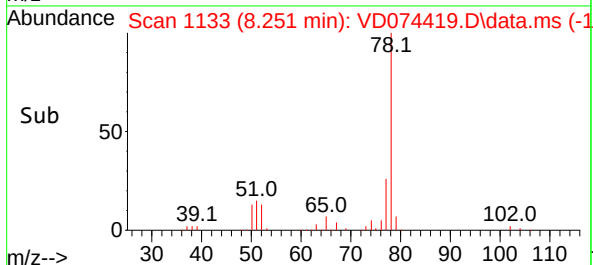
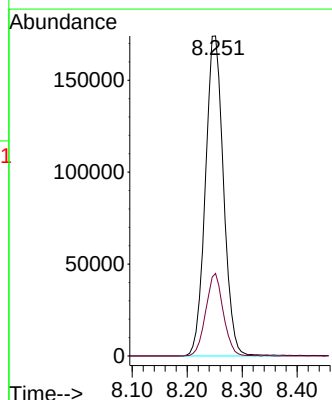
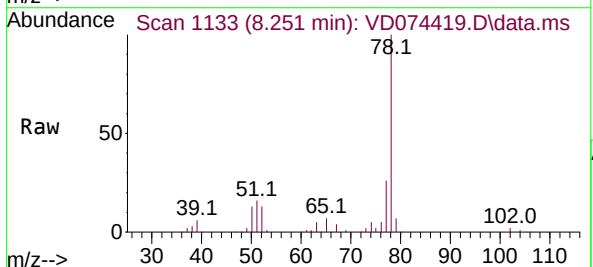
Acq: 26 Sep 2022 13:56

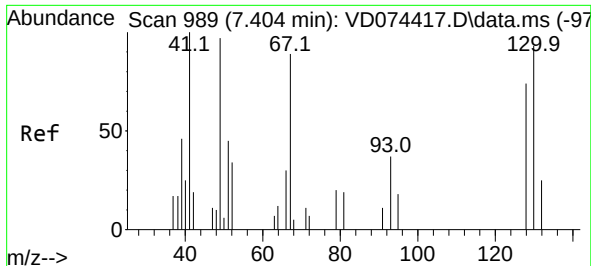
Tgt Ion: 78 Resp: 398556

Ion Ratio Lower Upper

78 100

77 25.8 20.1 30.1

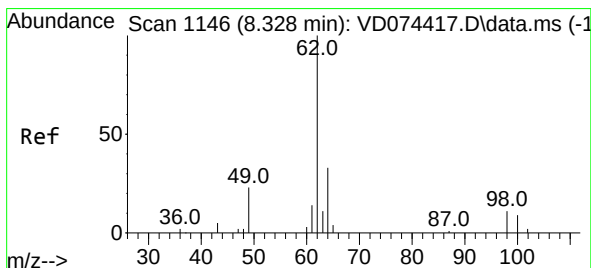
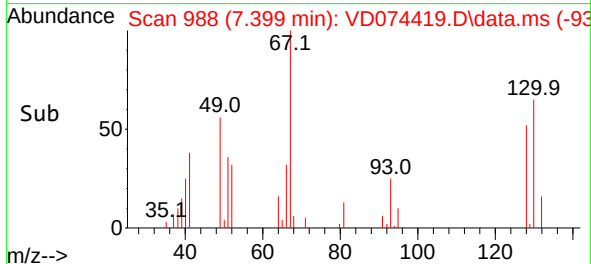
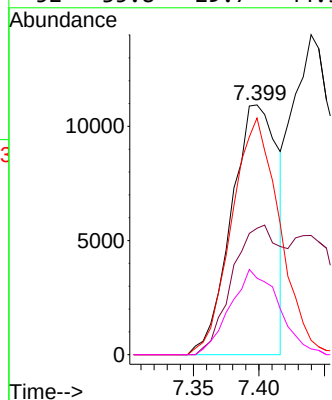
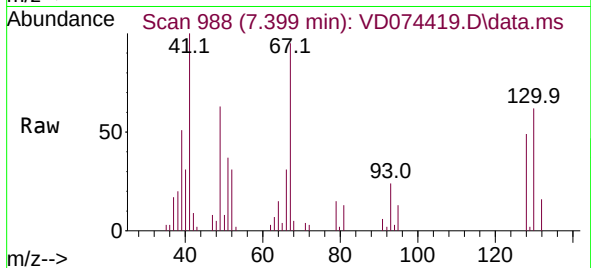




#41
Methacrylonitrile
Concen: 141.831 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

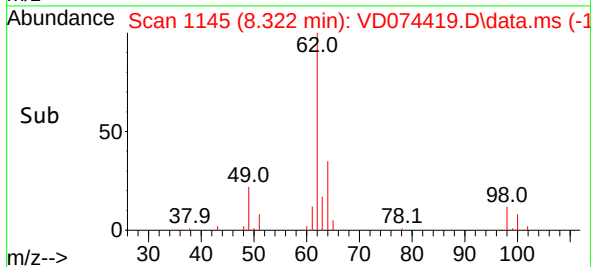
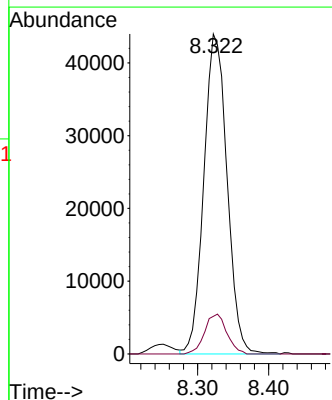
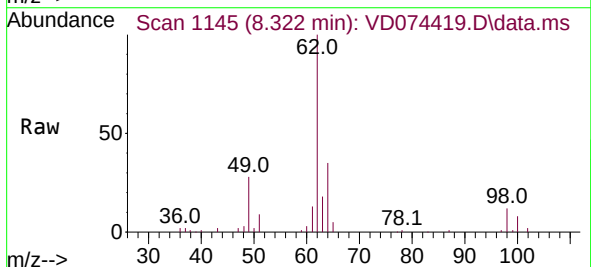
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

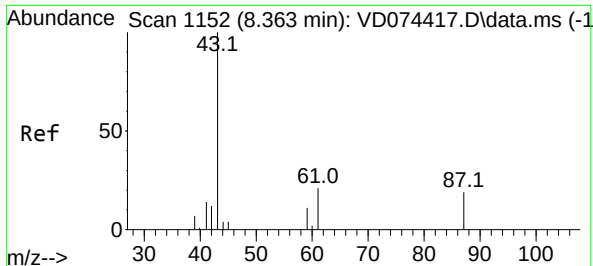
Tgt Ion: 41 Resp: 26855
Ion Ratio Lower Upper
41 100
39 57.8 35.0 52.6#
67 98.5 77.0 115.6
52 35.8 29.7 44.5



#42
1,2-Dichloroethane
Concen: 145.339 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 62 Resp: 99981
Ion Ratio Lower Upper
62 100
98 11.9 0.0 24.2





#43

Isopropyl Acetate

Concen: 153.781 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

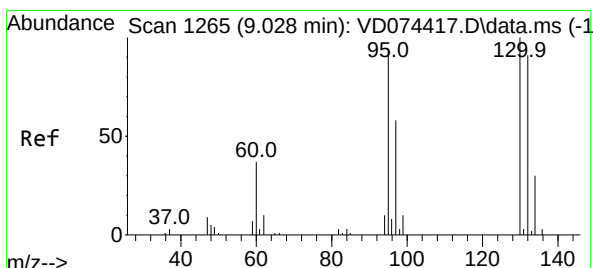
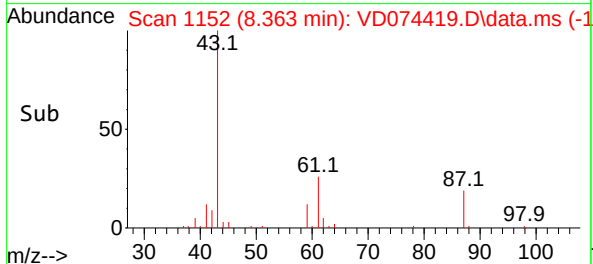
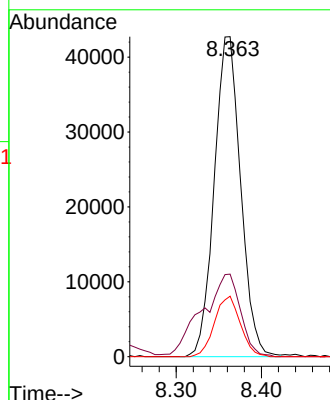
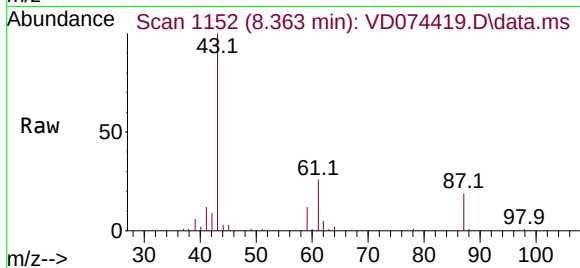
Tgt Ion: 43 Resp: 91982

Ion Ratio Lower Upper

43 100

61 37.5 30.9 46.3

87 18.5 14.3 21.5



#44

Trichloroethene

Concen: 147.211 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074419.D

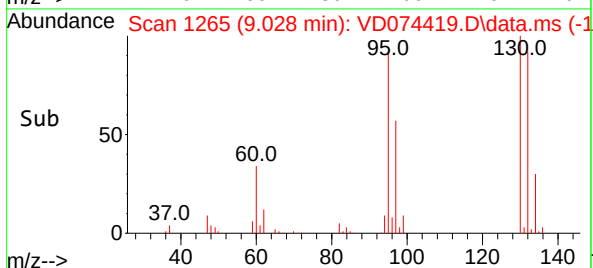
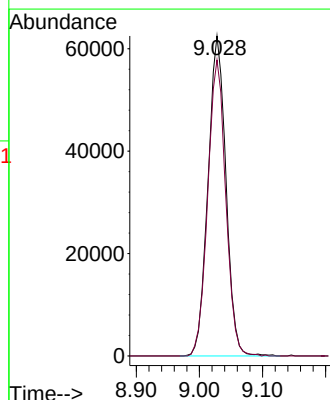
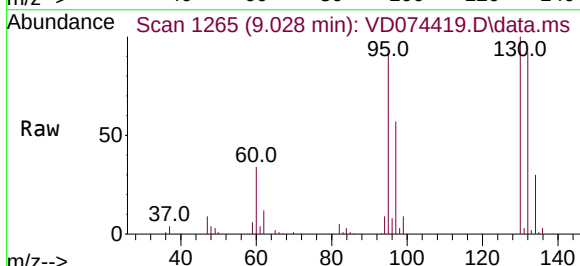
Acq: 26 Sep 2022 13:56

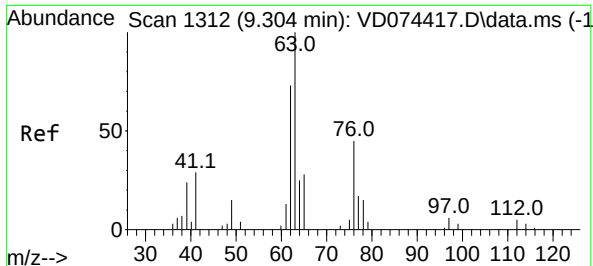
Tgt Ion:130 Resp: 123008

Ion Ratio Lower Upper

130 100

95 92.5 0.0 185.4





#45

1,2-Dichloropropane

Concen: 148.657 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

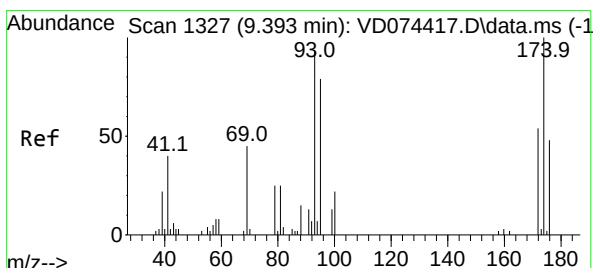
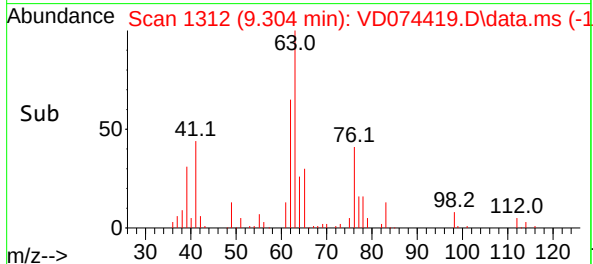
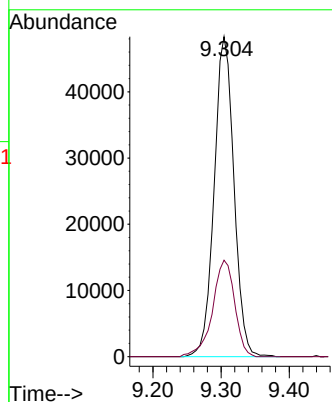
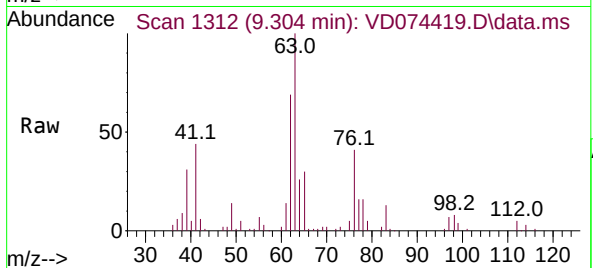
VSTDIC150

Tgt Ion: 63 Resp: 97555

Ion Ratio Lower Upper

63 100

65 30.2 23.1 34.7



#46

Dibromomethane

Concen: 147.432 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

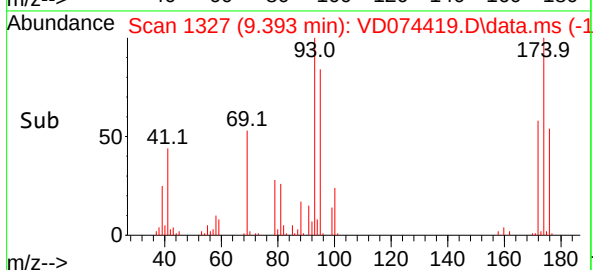
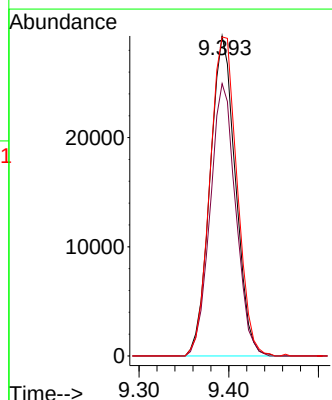
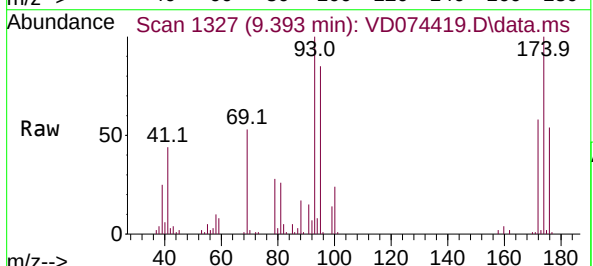
Tgt Ion: 93 Resp: 57724

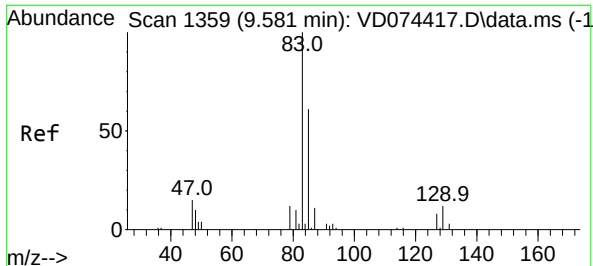
Ion Ratio Lower Upper

93 100

95 85.1 68.2 102.2

174 105.8 87.4 131.0

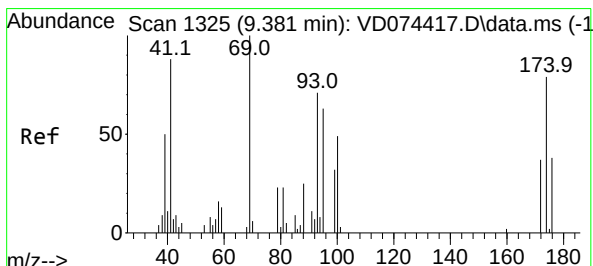
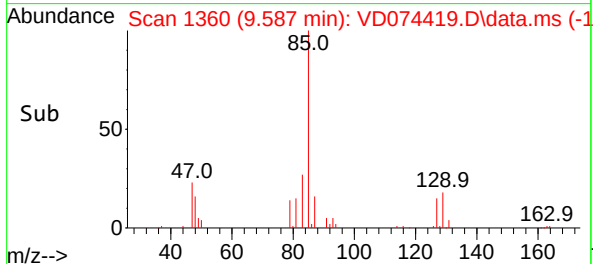
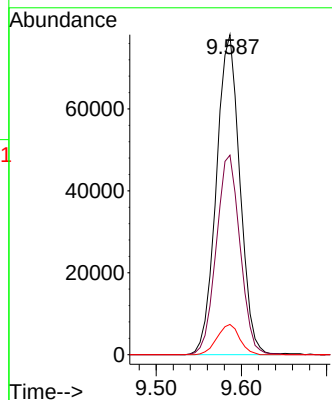
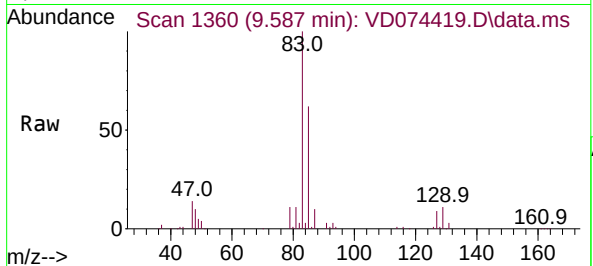




#47
Bromodichloromethane
Concen: 150.887 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

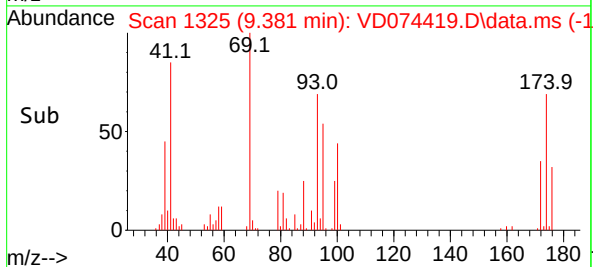
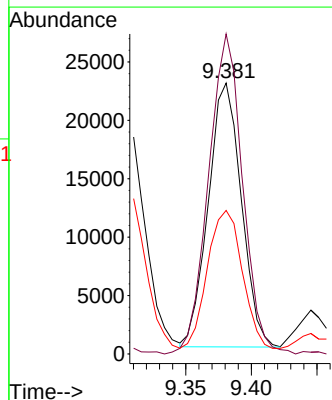
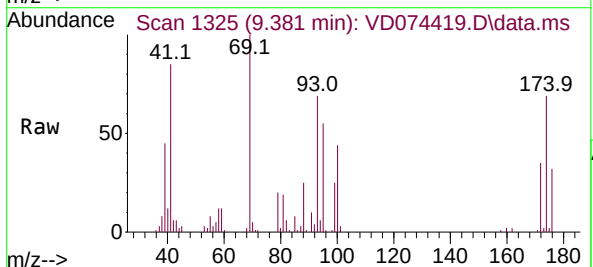
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

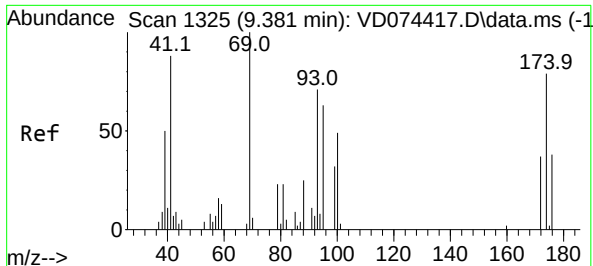
Tgt Ion: 83 Resp: 149990
Ion Ratio Lower Upper
83 100
85 62.4 48.8 73.2
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 147.588 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 41 Resp: 39676
Ion Ratio Lower Upper
41 100
69 124.9 93.0 139.4
39 60.2 44.6 66.8





#49

1,4-Dioxane

Concen: 3531.618 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

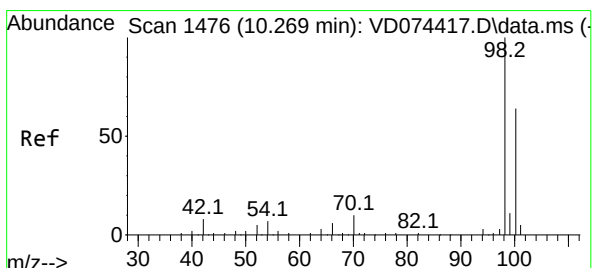
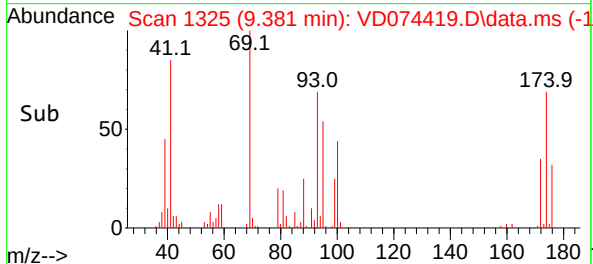
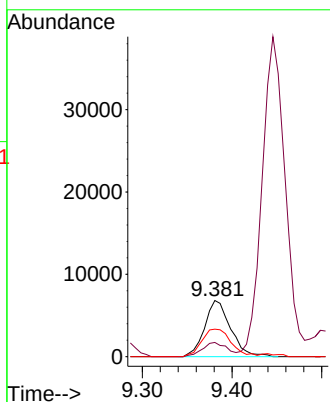
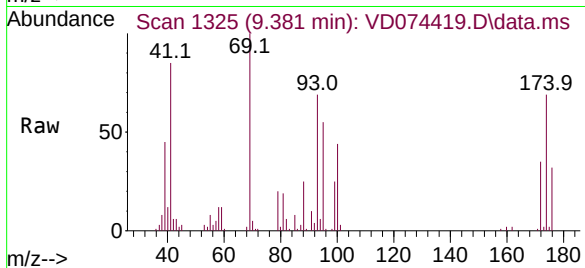
Tgt Ion: 88 Resp: 13663

Ion Ratio Lower Upper

88 100

43 24.4 24.1 36.1

58 55.5 43.1 64.7



#50

Toluene-d8

Concen: 149.762 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074419.D

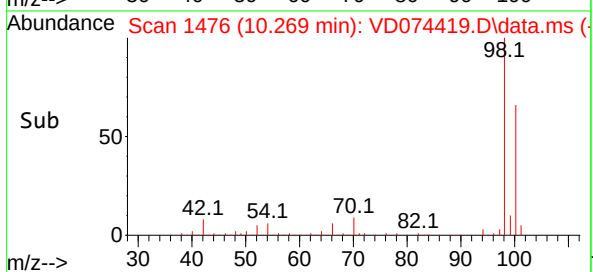
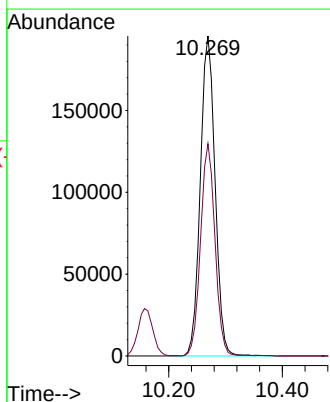
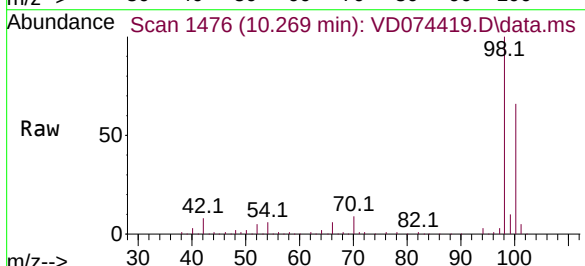
Acq: 26 Sep 2022 13:56

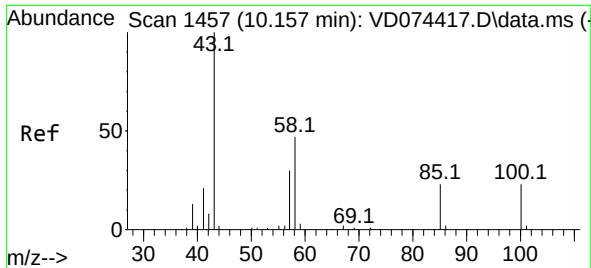
Tgt Ion: 98 Resp: 352125

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

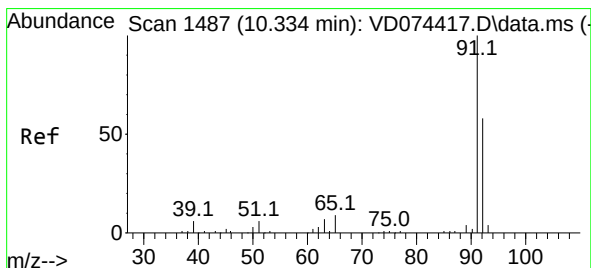
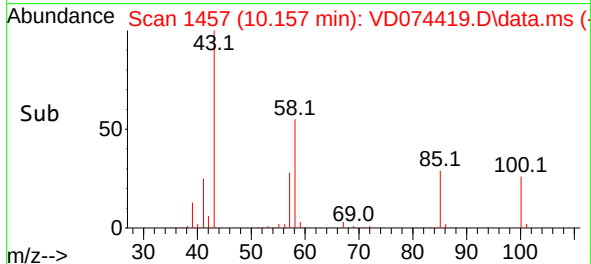
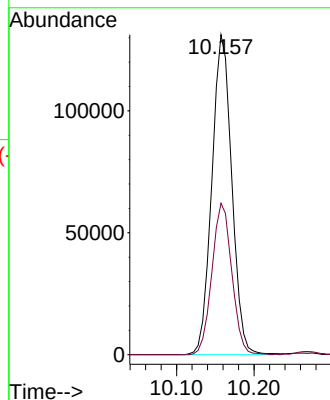
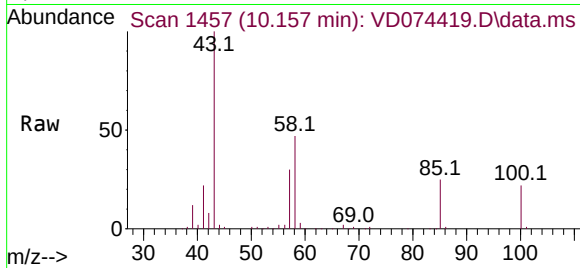




#51
4-Methyl-2-Pentanone
Concen: 761.642 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

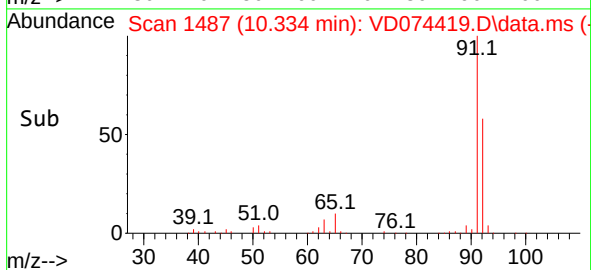
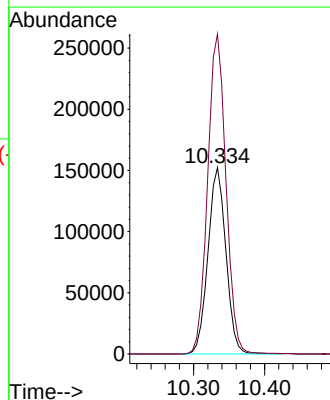
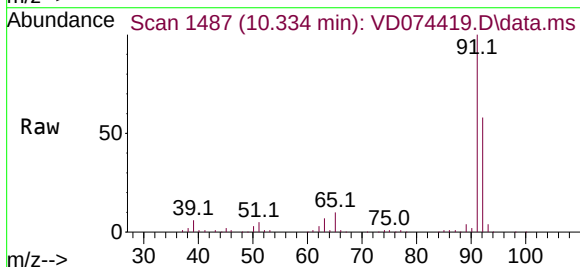
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

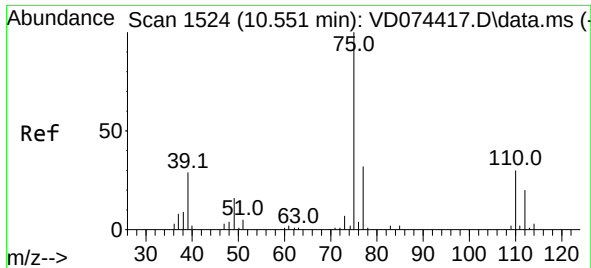
Tgt Ion: 43 Resp: 234638
Ion Ratio Lower Upper
43 100
58 47.1 37.8 56.6



#52
Toluene
Concen: 150.946 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 92 Resp: 267360
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.4

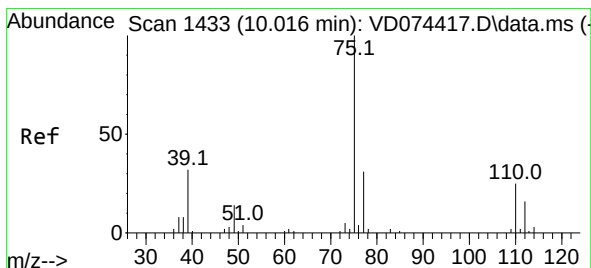
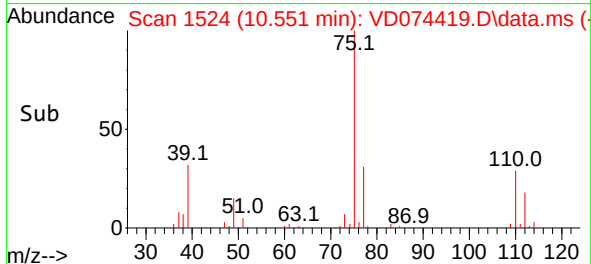
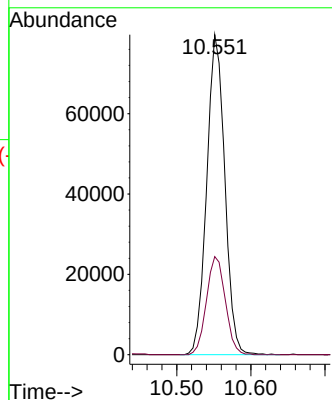
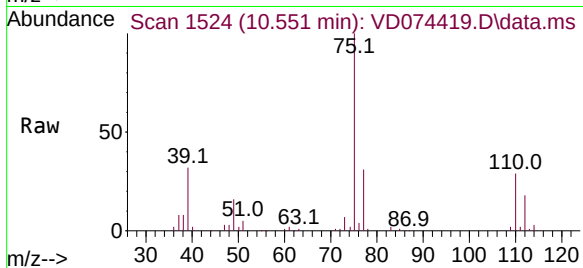




#53
 t-1,3-Dichloropropene
 Concen: 162.644 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

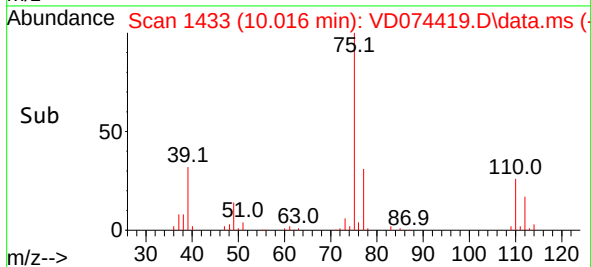
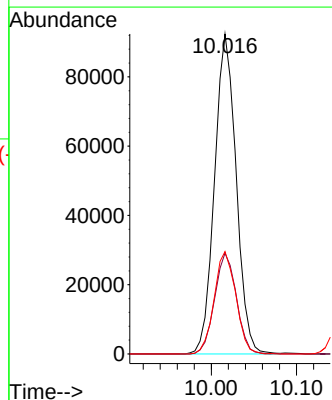
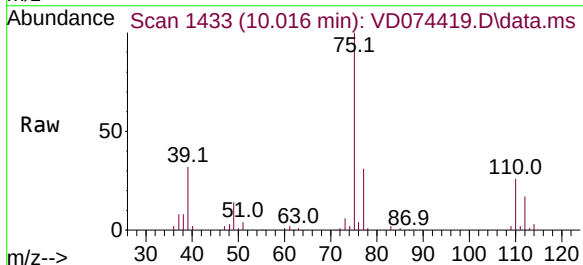
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

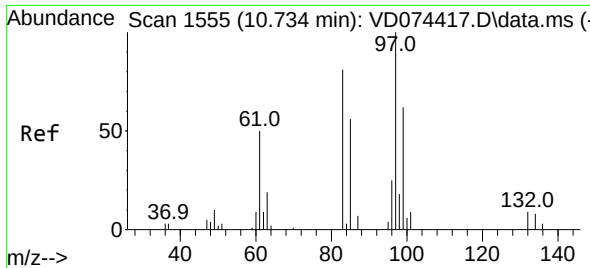
Tgt Ion: 75 Resp: 134646
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 154.806 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion: 75 Resp: 162883
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.7 37.1
 39 32.0 25.4 38.2

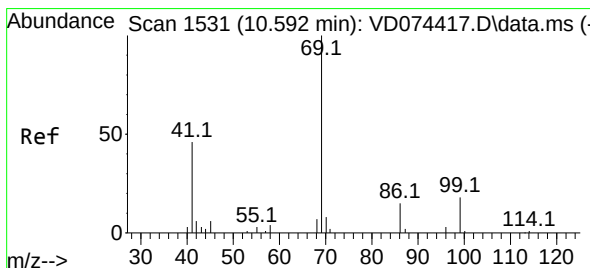
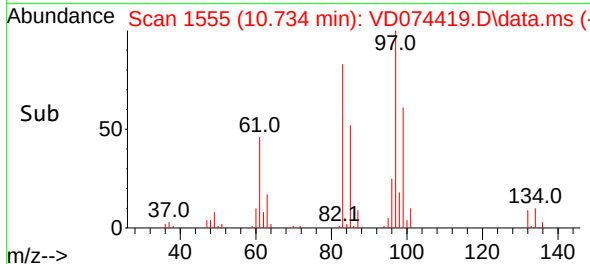
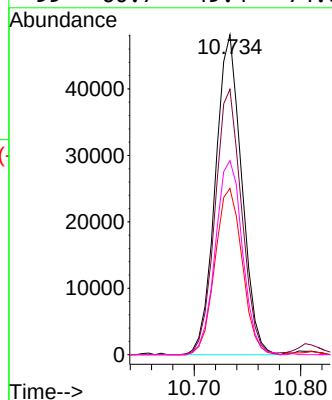
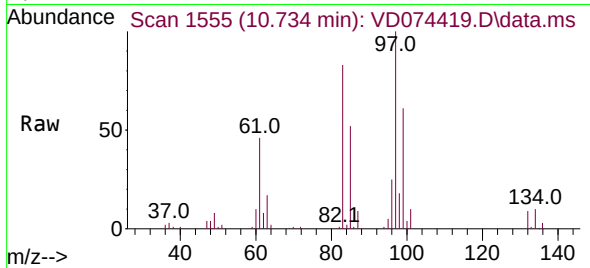




#55
1,1,2-Trichloroethane
Concen: 152.504 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

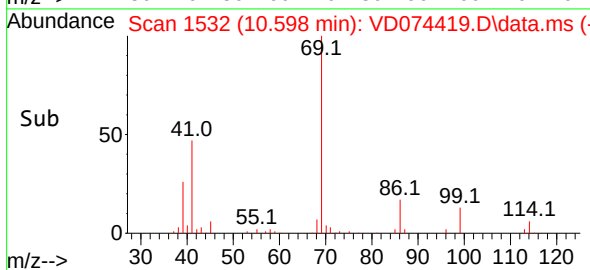
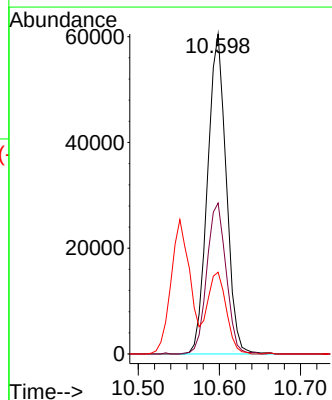
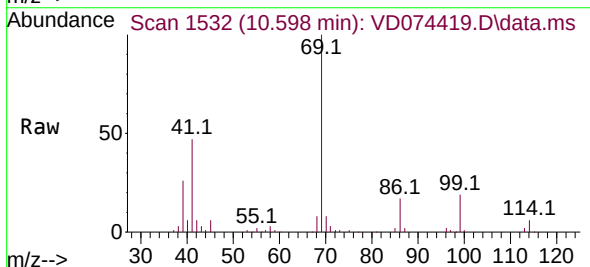
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

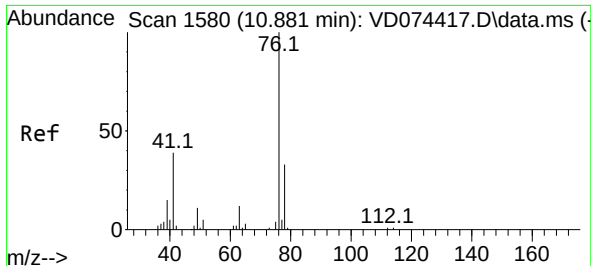
Tgt Ion: 97	Resp: 82600
Ion Ratio	Lower Upper
97 100	
83 82.9	64.8 97.2
85 52.0	44.8 67.2
99 60.7	49.4 74.0



#56
Ethyl methacrylate
Concen: 160.513 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 69	Resp: 96717
Ion Ratio	Lower Upper
69 100	
41 48.7	38.6 58.0
39 26.0	19.9 29.9





#57

1,3-Dichloropropane

Concen: 151.883 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

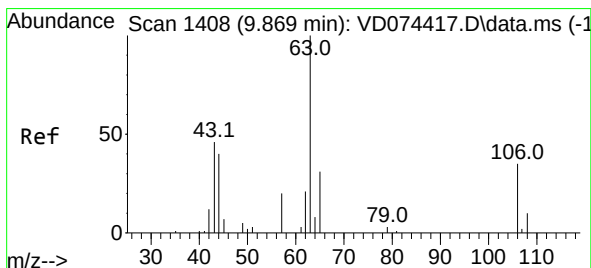
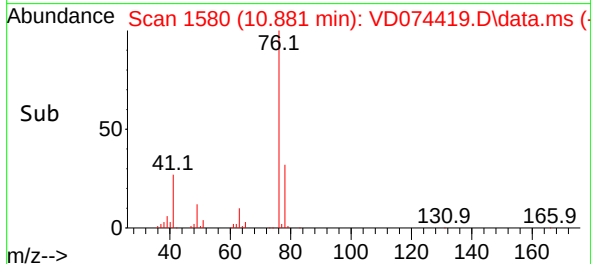
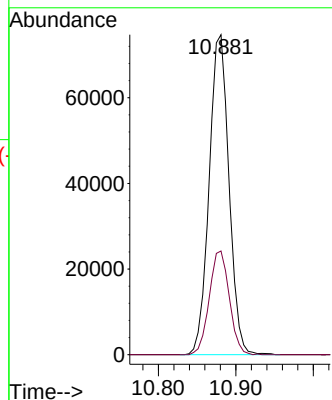
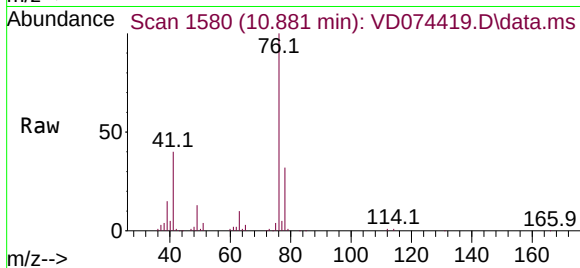
VSTDIC150

Tgt Ion: 76 Resp: 132737

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 1183.973 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074419.D

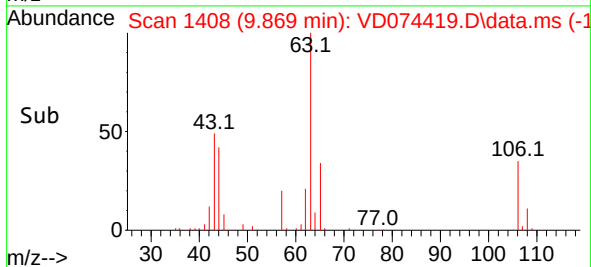
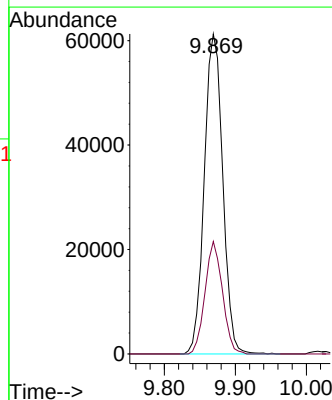
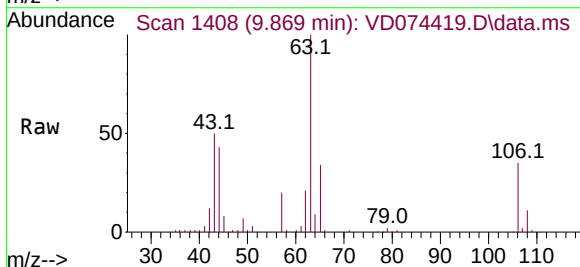
Acq: 26 Sep 2022 13:56

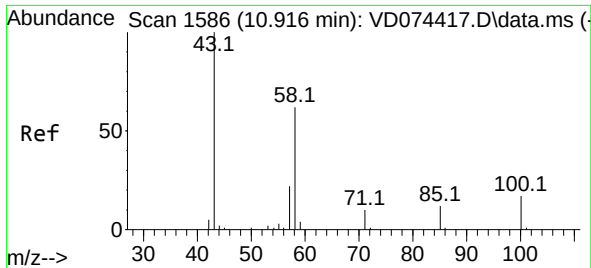
Tgt Ion: 63 Resp: 110872

Ion Ratio Lower Upper

63 100

106 33.2 26.5 39.7

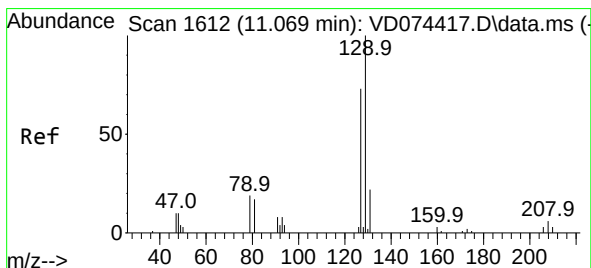
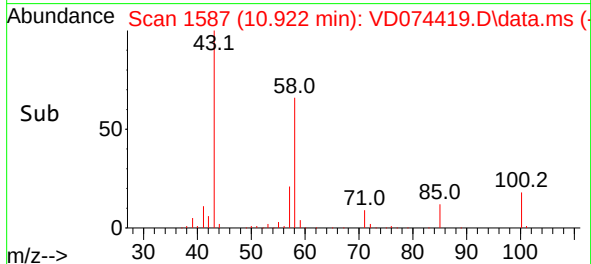
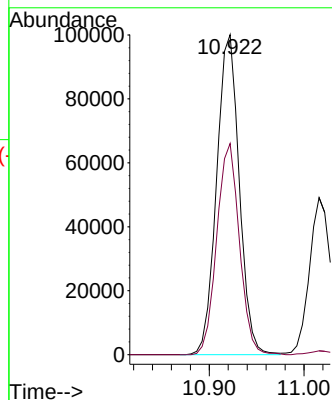
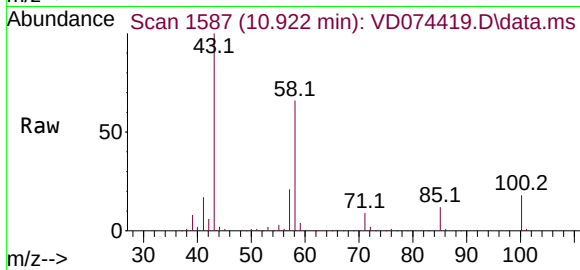




#59
2-Hexanone
Concen: 801.790 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

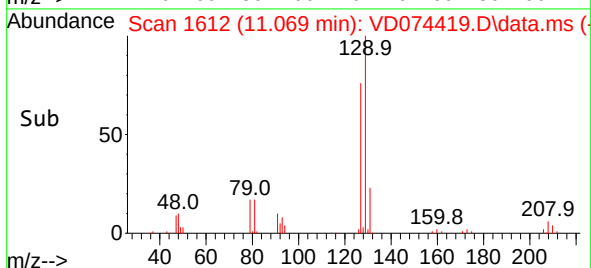
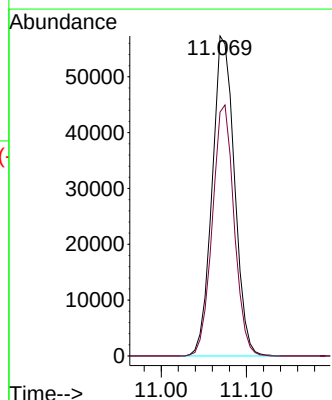
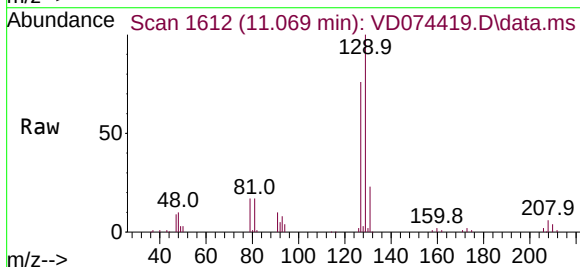
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

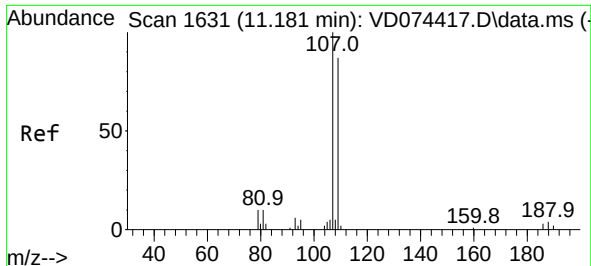
Tgt Ion: 43 Resp: 166159
Ion Ratio Lower Upper
43 100
58 65.8 32.0 96.2



#60
Dibromochloromethane
Concen: 154.162 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 129 Resp: 103998
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

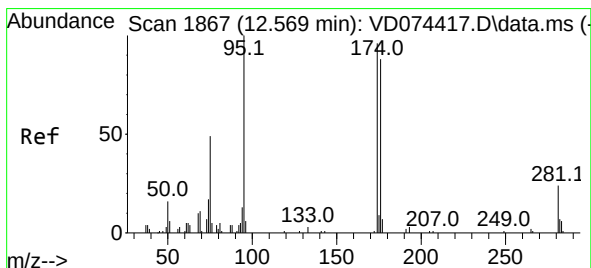
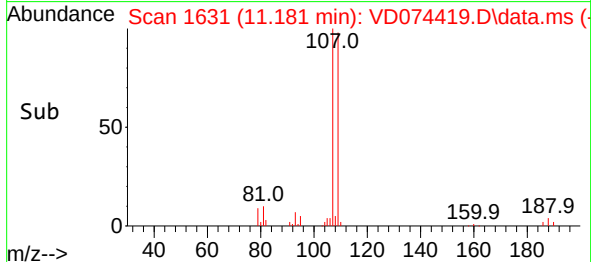
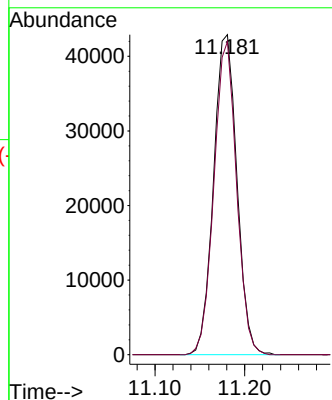
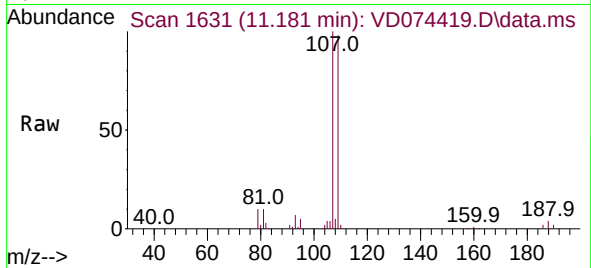




#61
1,2-Dibromoethane
Concen: 148.486 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

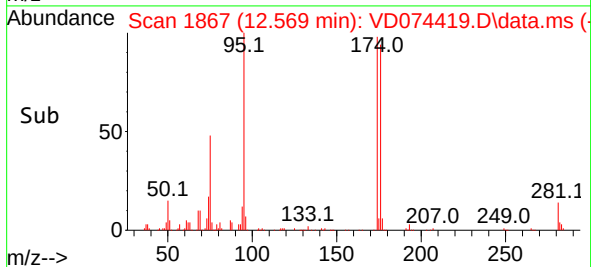
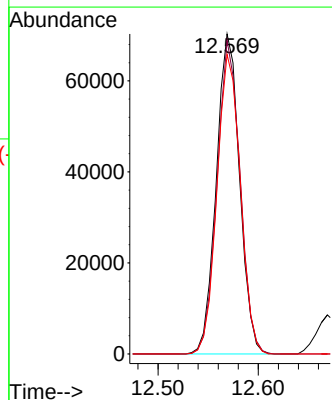
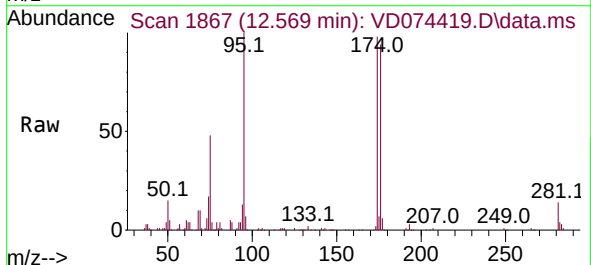
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

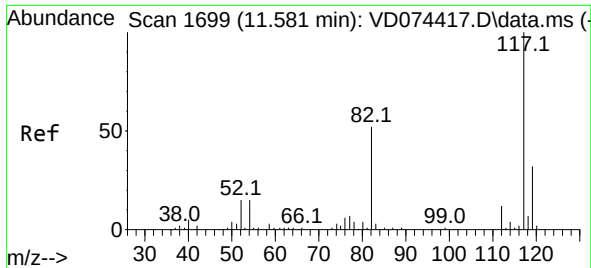
Tgt Ion:107 Resp: 77510
Ion Ratio Lower Upper
107 100
109 94.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 120.024 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 95 Resp: 113096
Ion Ratio Lower Upper
95 100
174 96.7 0.0 197.0
176 94.1 0.0 182.6

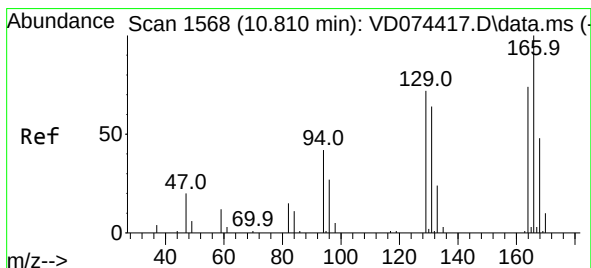
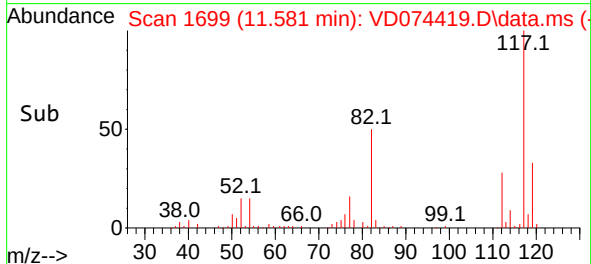
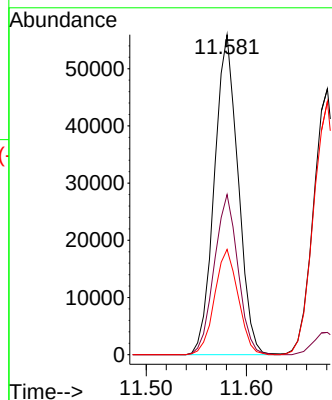
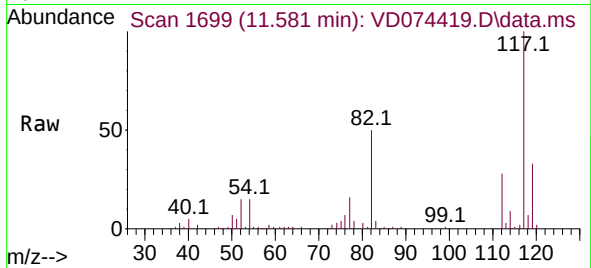




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

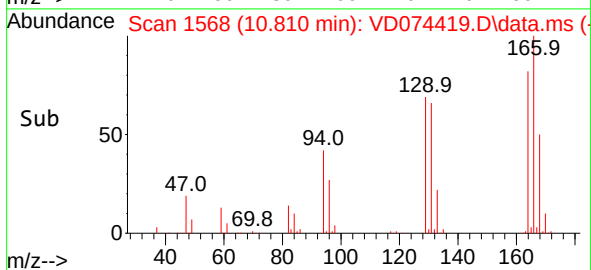
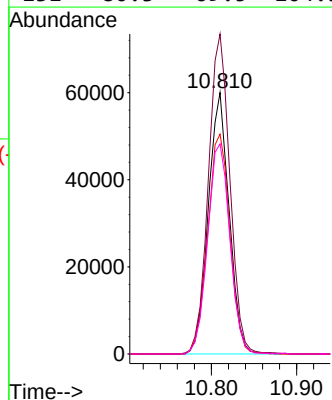
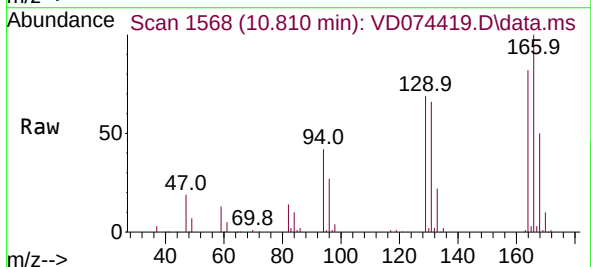
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

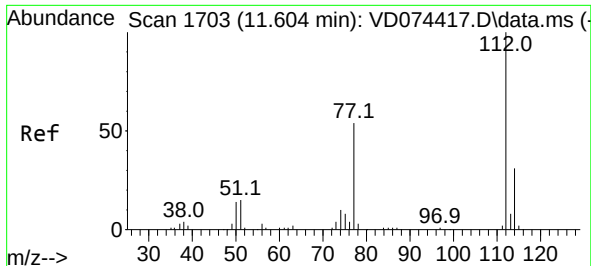
Tgt Ion:117 Resp: 91896
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 142.210 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion:164 Resp: 102014
Ion Ratio Lower Upper
164 100
166 122.4 107.8 161.8
129 84.1 77.4 116.2
131 80.3 69.5 104.3

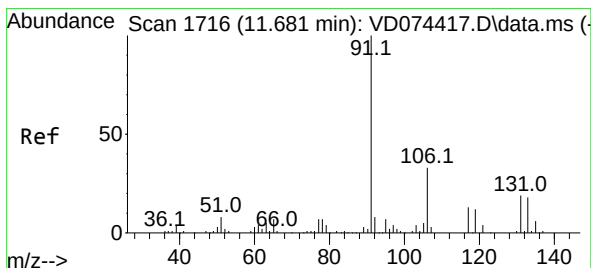
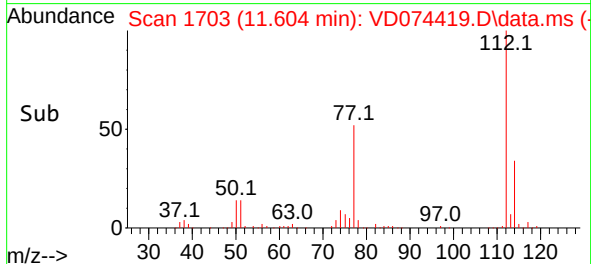
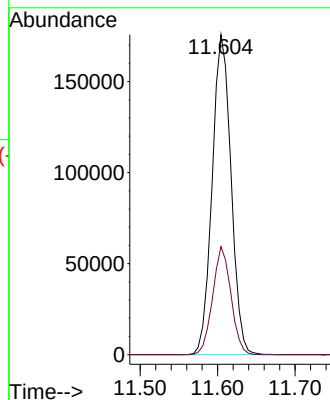
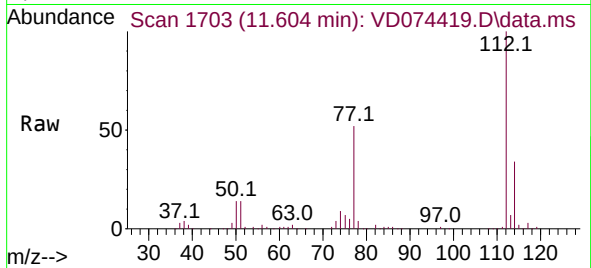




#65
Chlorobenzene
Concen: 149.974 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

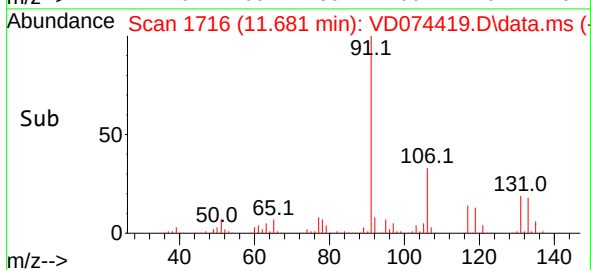
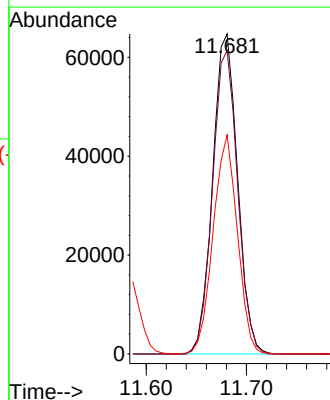
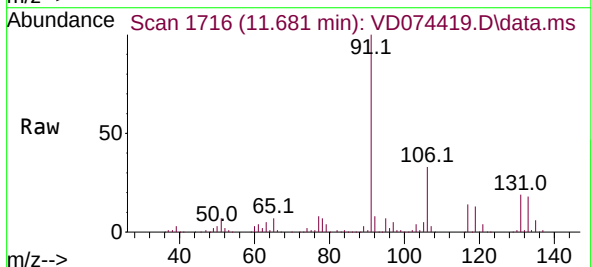
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

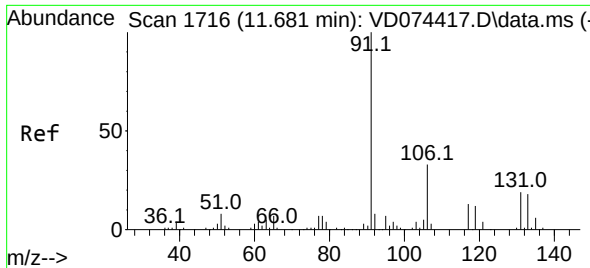
Tgt Ion:112 Resp: 297094
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 156.347 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion:131 Resp: 111857
Ion Ratio Lower Upper
131 100
133 95.2 46.6 139.8
119 66.5 32.5 97.4

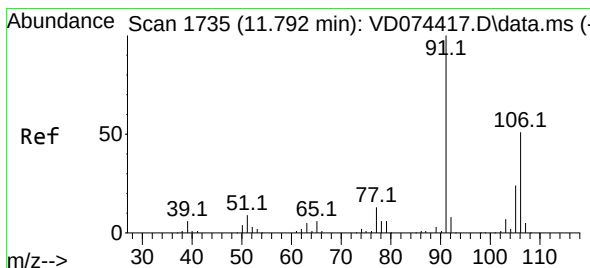
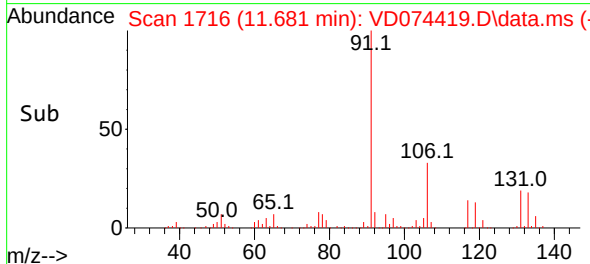
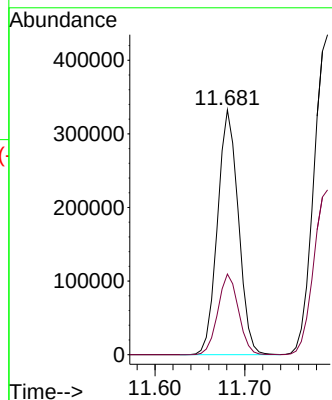
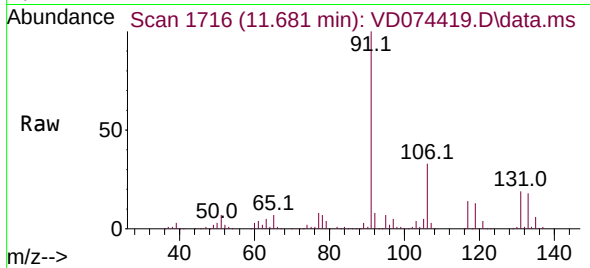




#67
Ethyl Benzene
Concen: 154.083 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

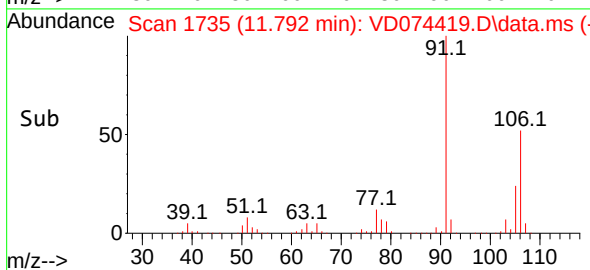
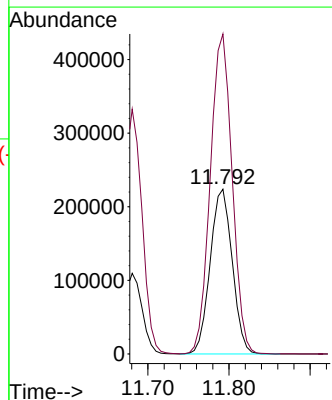
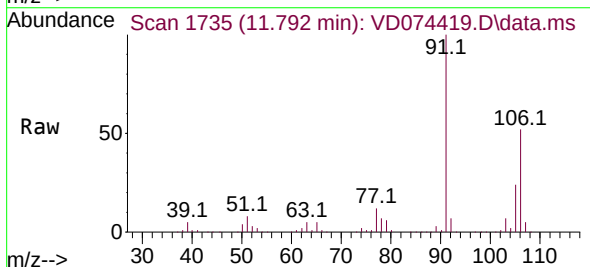
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

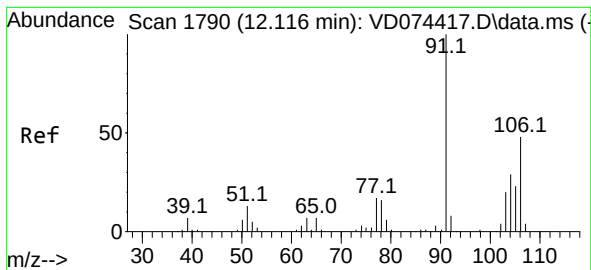
Tgt Ion: 91 Resp: 536611
Ion Ratio Lower Upper
91 100
106 32.9 26.6 40.0



#68
m/p-Xylenes
Concen: 308.095 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 106 Resp: 422527
Ion Ratio Lower Upper
106 100
91 192.5 156.2 234.4





#69

o-Xylene

Concen: 157.809 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

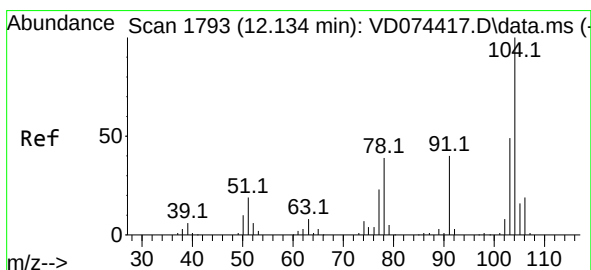
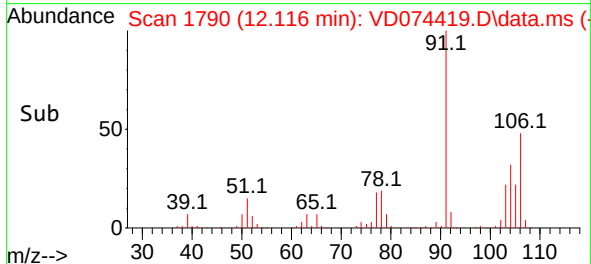
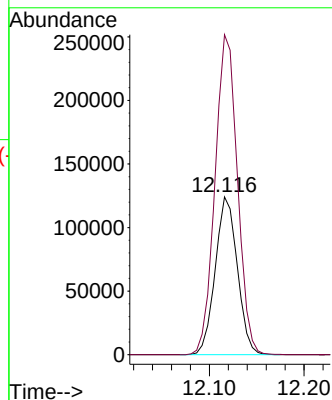
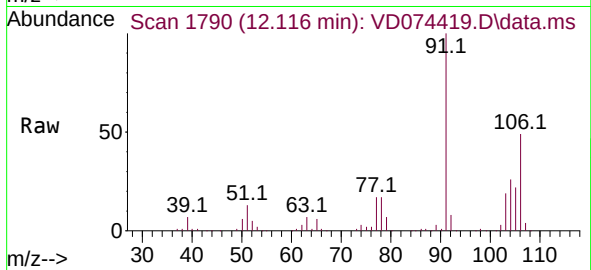
VSTDIC150

Tgt Ion:106 Resp: 200961

Ion Ratio Lower Upper

106 100

91 206.2 104.5 313.3



#70

Styrene

Concen: 153.815 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

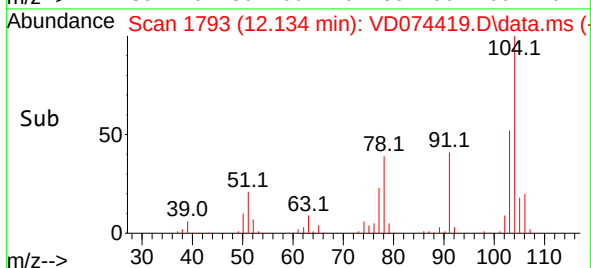
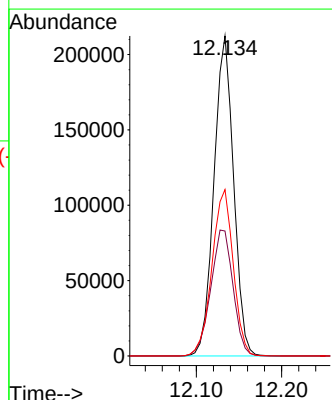
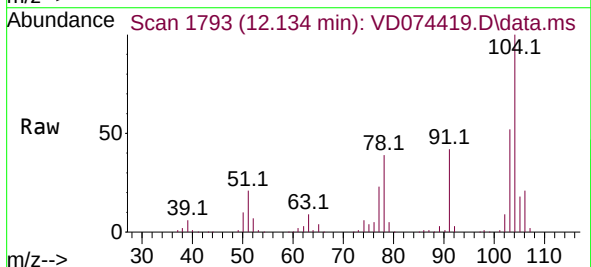
Tgt Ion:104 Resp: 339945

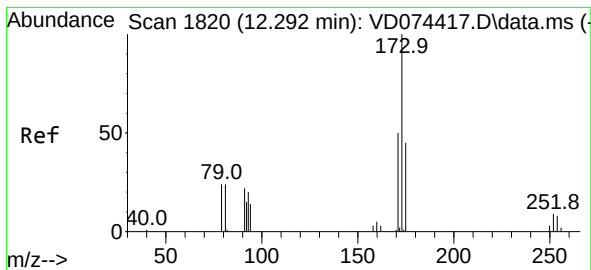
Ion Ratio Lower Upper

104 100

78 44.6 35.7 53.5

103 56.3 43.7 65.5





#71

Bromoform

Concen: 157.273 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

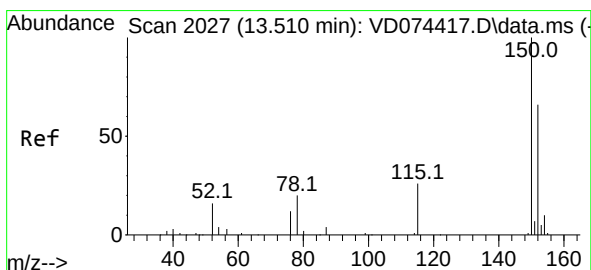
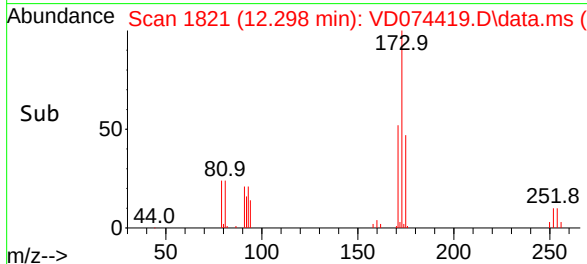
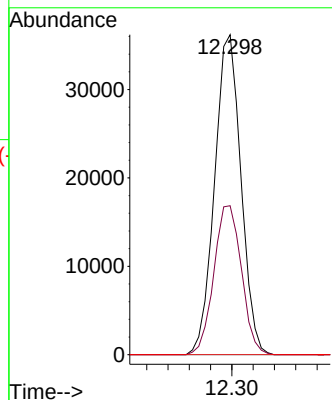
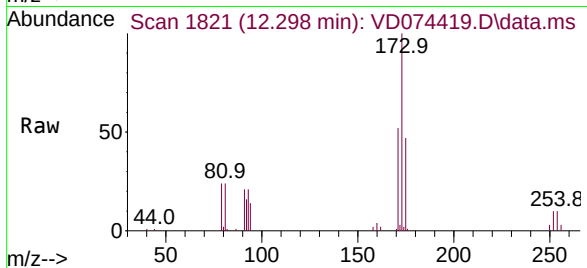
Tgt Ion:173 Resp: 62111

Ion Ratio Lower Upper

173 100

175 48.8 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: VD074419.D

Acq: 26 Sep 2022 13:56

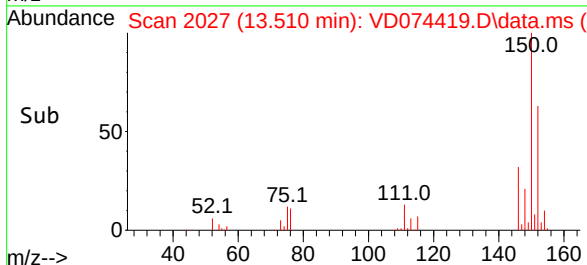
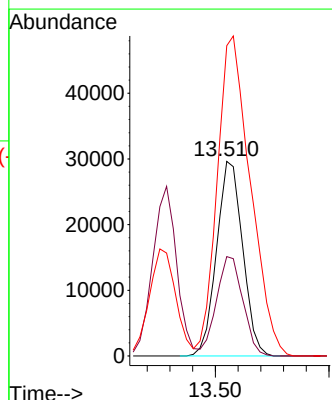
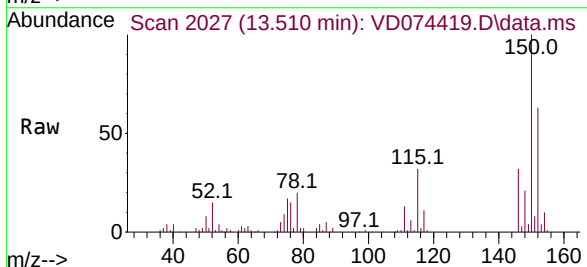
Tgt Ion:152 Resp: 47313

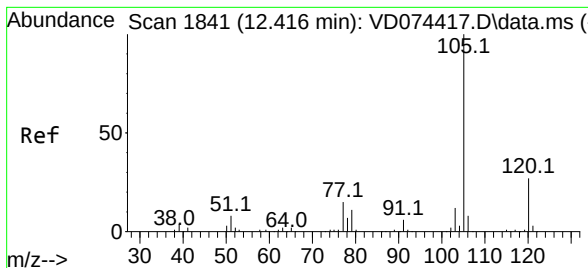
Ion Ratio Lower Upper

152 100

115 51.4 26.8 80.4

150 209.2 0.0 348.2





#73

Isopropylbenzene

Concen: 153.646 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

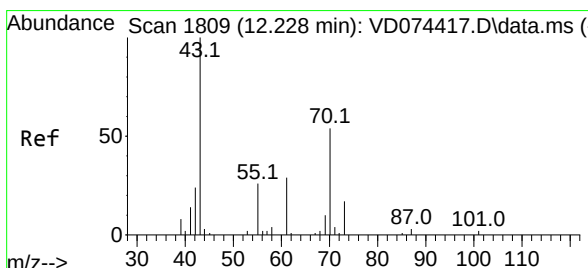
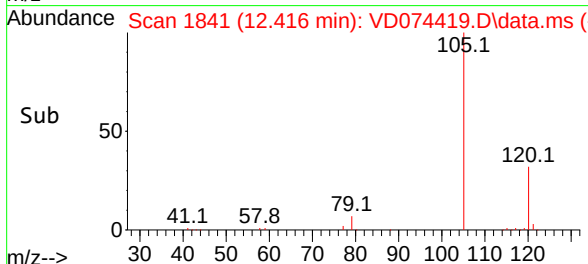
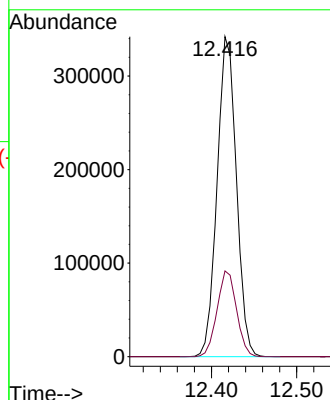
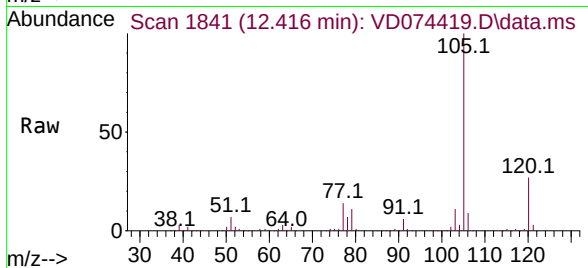
VSTDIC150

Tgt Ion:105 Resp: 537505

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 157.298 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Tgt Ion: 43 Resp: 86591

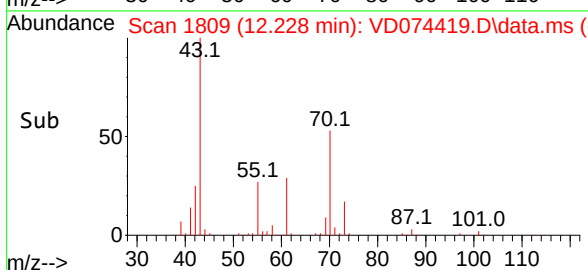
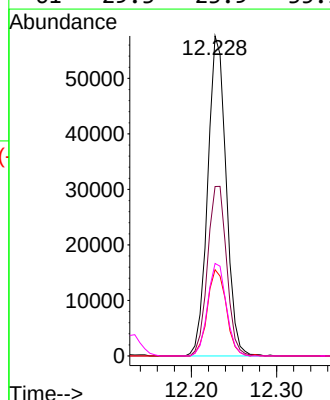
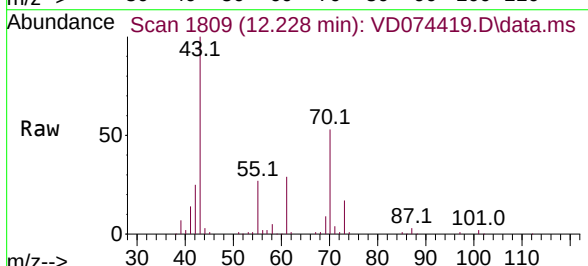
Ion Ratio Lower Upper

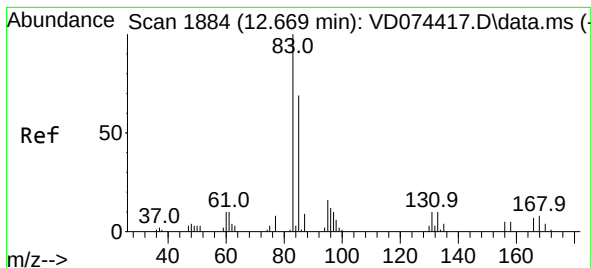
43 100

70 54.9 43.8 65.6

55 27.5 22.0 33.0

61 29.3 23.9 35.9

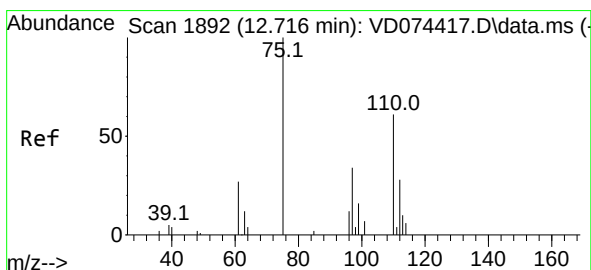
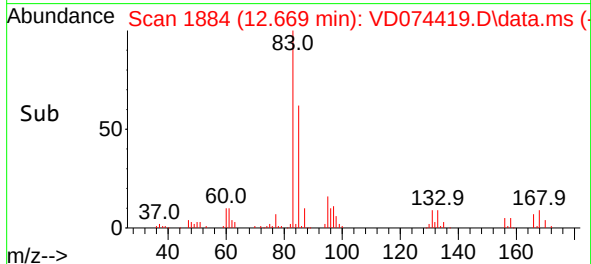
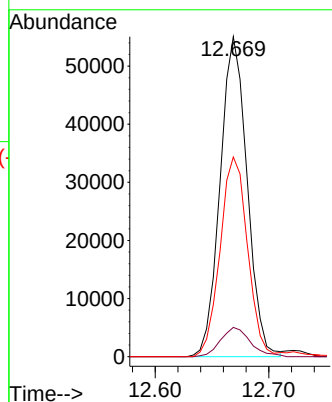
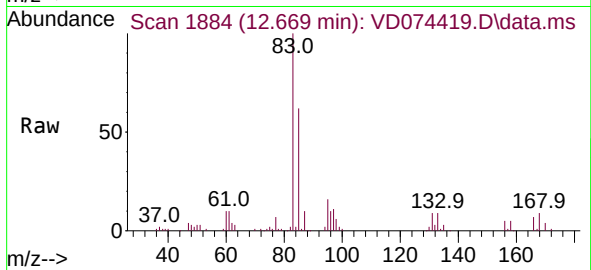




#75
1,1,2-Tetrachloroethane
Concen: 148.258 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

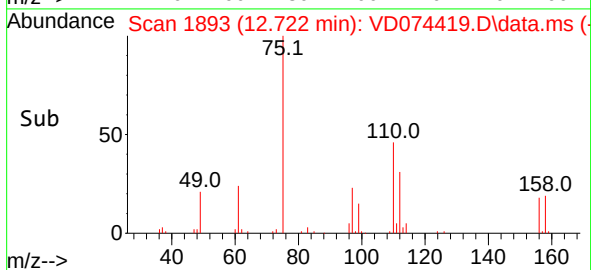
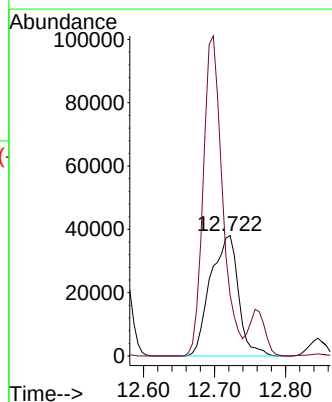
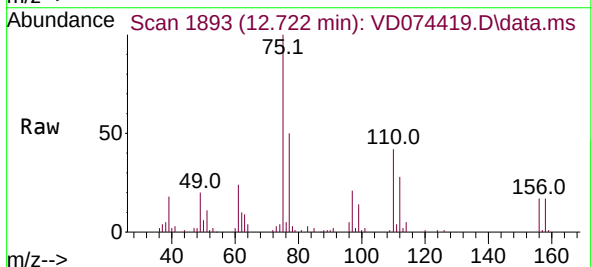
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

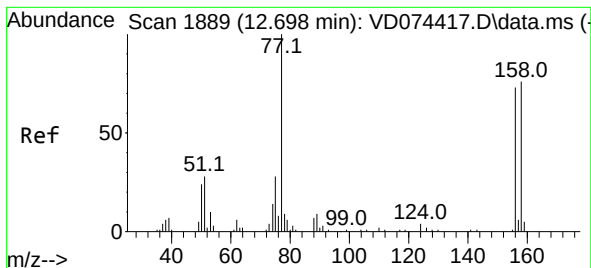
Tgt Ion: 83 Resp: 90889
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 63.7 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 284.889 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 75 Resp: 104042
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77

Bromobenzene

Concen: 150.713 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

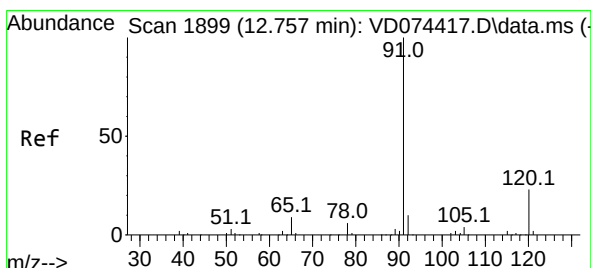
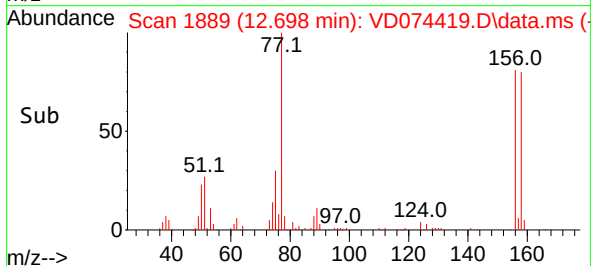
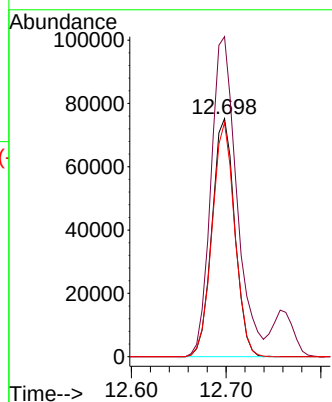
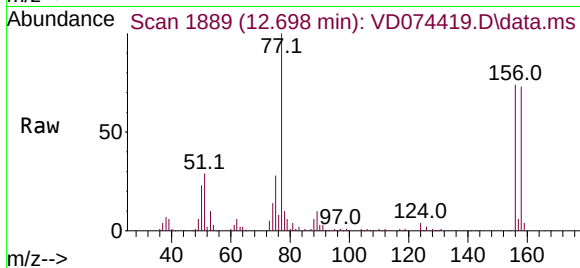
Tgt Ion:156 Resp: 125661

Ion Ratio Lower Upper

156 100

77 152.2 77.7 233.1

158 97.5 49.4 148.2



#78

n-propylbenzene

Concen: 149.709 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VD074419.D

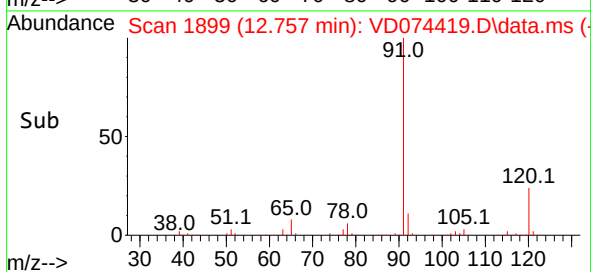
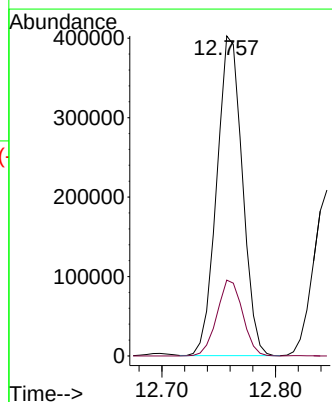
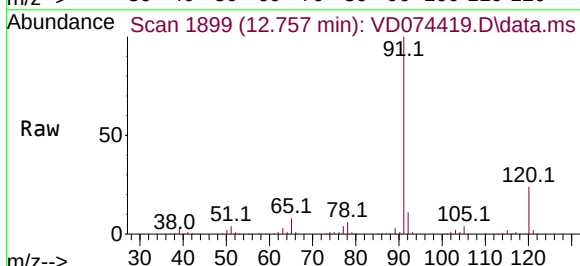
Acq: 26 Sep 2022 13:56

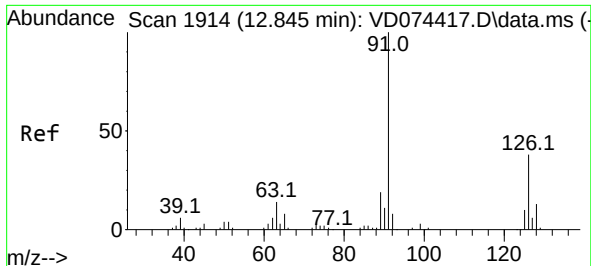
Tgt Ion: 91 Resp: 630513

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.7

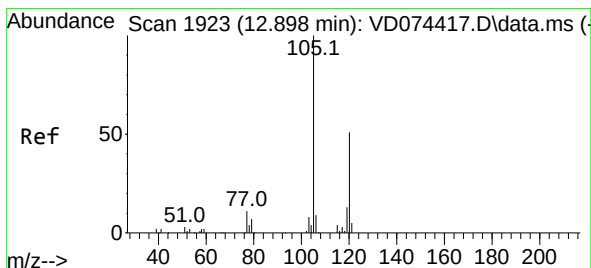
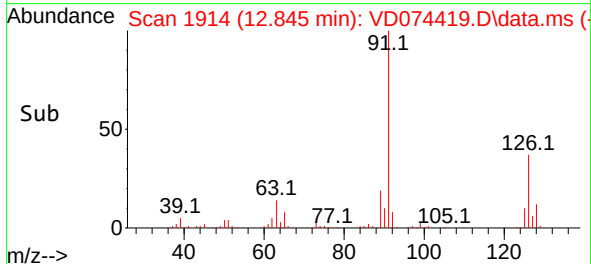
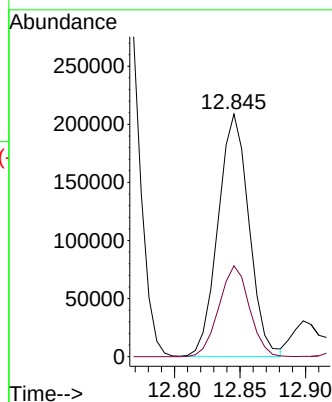
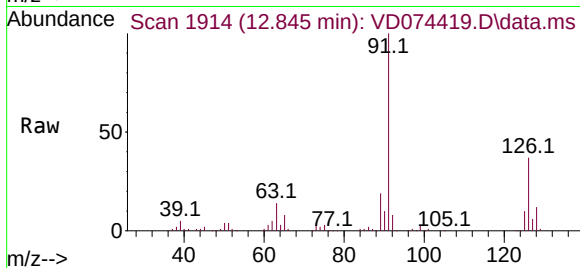




#79
2-Chlorotoluene
Concen: 150.615 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

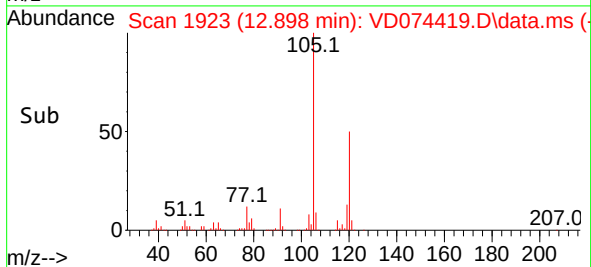
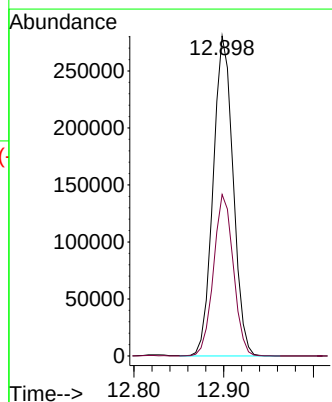
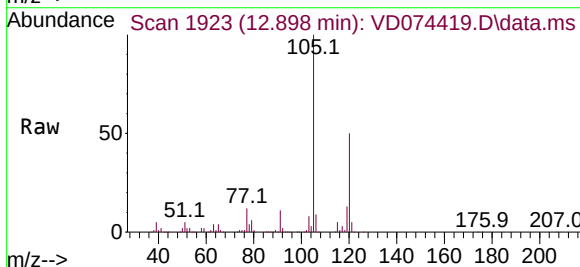
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

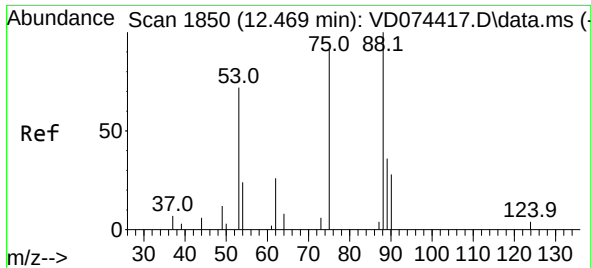
Tgt Ion: 91 Resp: 341932
Ion Ratio Lower Upper
91 100
126 36.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 149.860 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 105 Resp: 433647
Ion Ratio Lower Upper
105 100
120 50.0 25.7 77.0

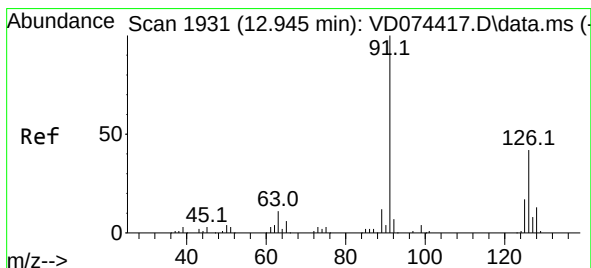
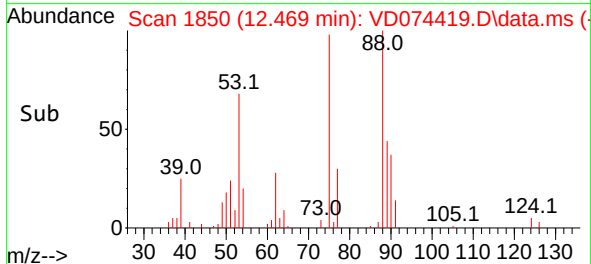
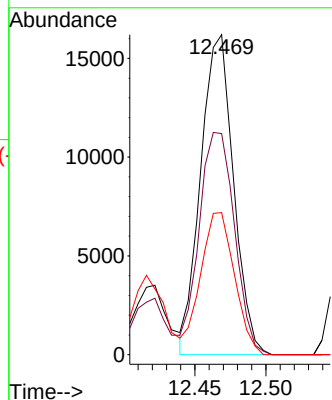
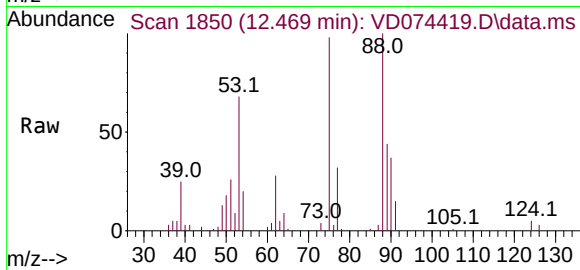




#81
trans-1,4-Dichloro-2-butene
Concen: 176.607 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

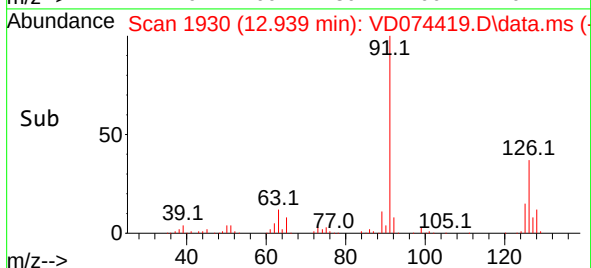
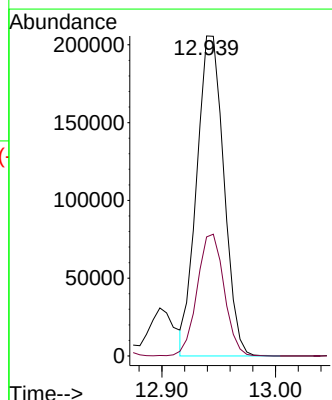
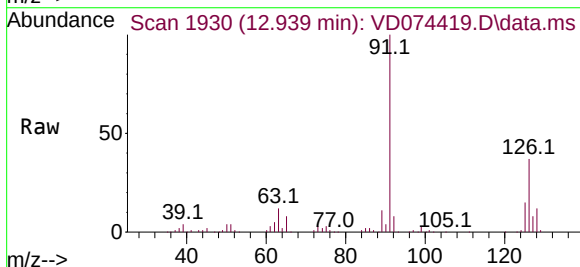
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

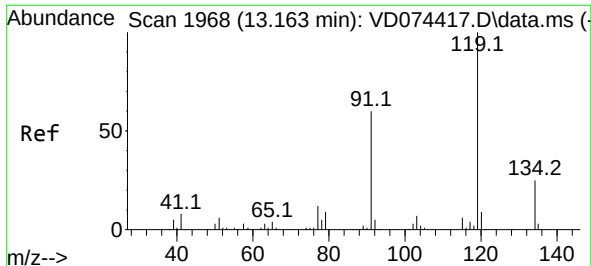
Tgt Ion: 75 Resp: 26047
Ion Ratio Lower Upper
75 100
53 74.8 63.8 95.6
89 46.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 146.354 ug/l
RT: 12.939 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 91 Resp: 341764
Ion Ratio Lower Upper
91 100
126 37.8 18.8 56.4

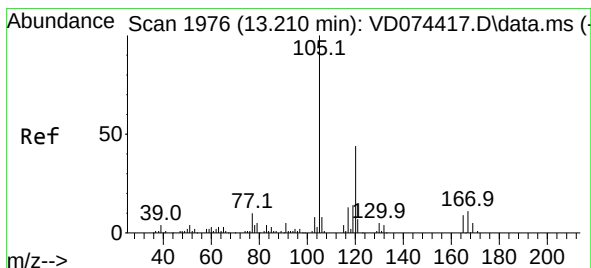
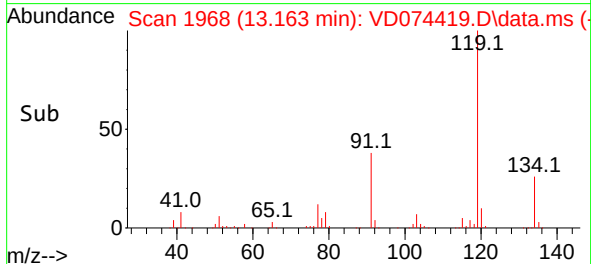
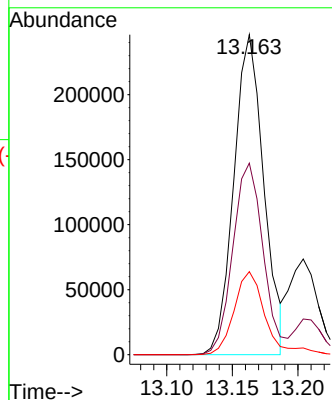
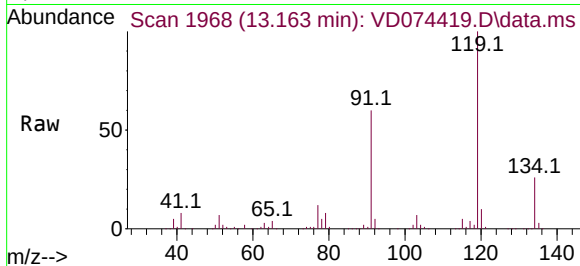




#83
tert-Butylbenzene
Concen: 150.438 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

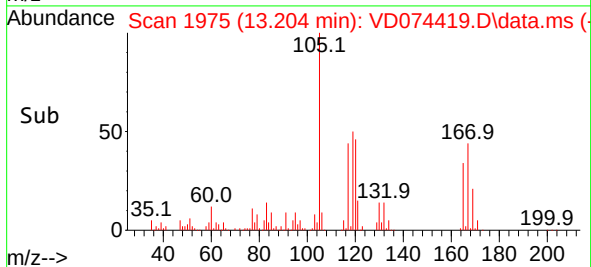
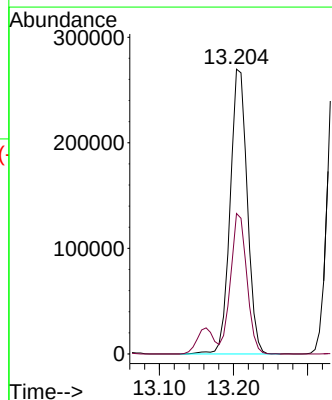
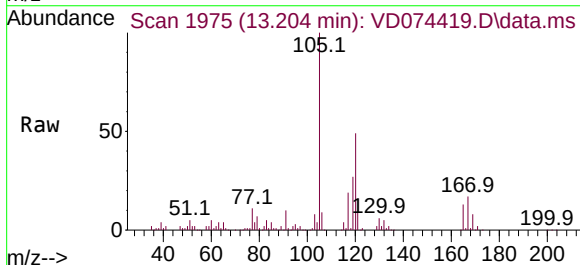
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

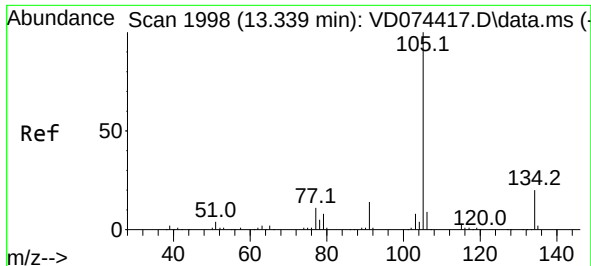
Tgt Ion:119 Resp: 391816
Ion Ratio Lower Upper
119 100
91 61.0 30.0 90.0
134 27.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 149.495 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion:105 Resp: 430671
Ion Ratio Lower Upper
105 100
120 46.8 22.9 68.7

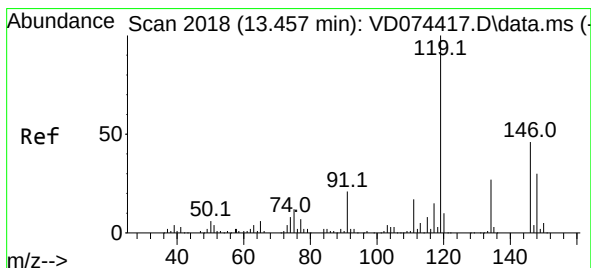
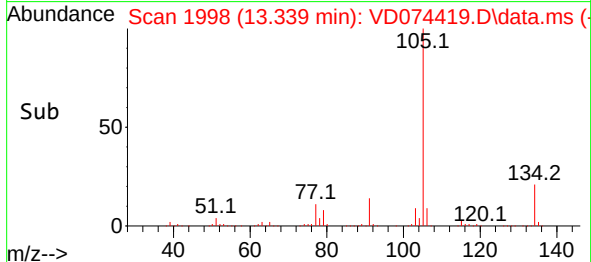
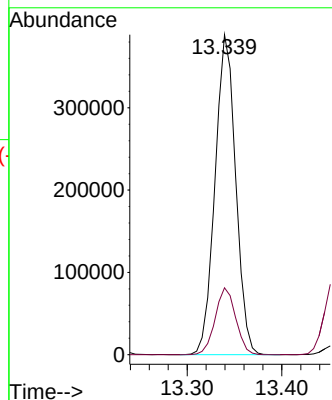
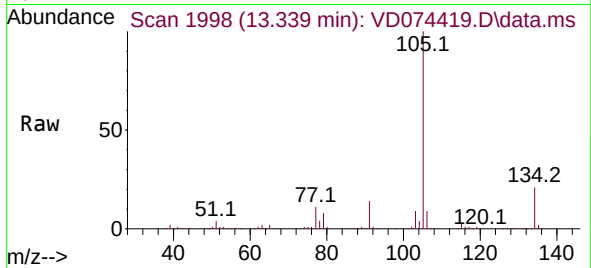




#85
 sec-Butylbenzene
 Concen: 150.120 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

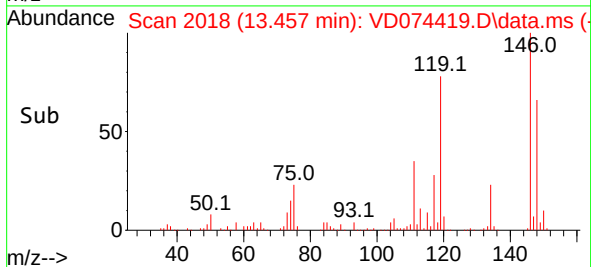
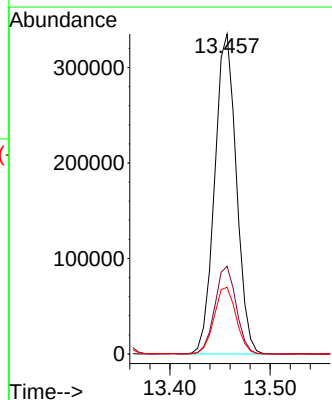
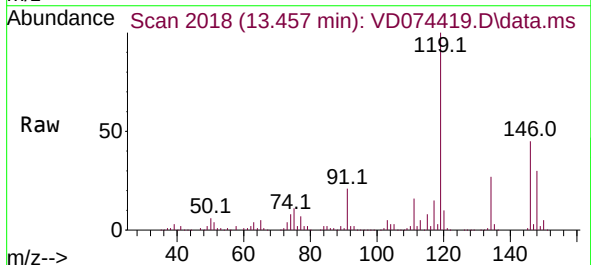
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

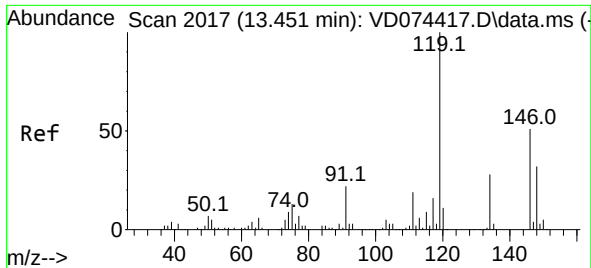
Tgt Ion:105 Resp: 589382
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 153.638 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion:119 Resp: 502976
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 21.3 10.8 32.4

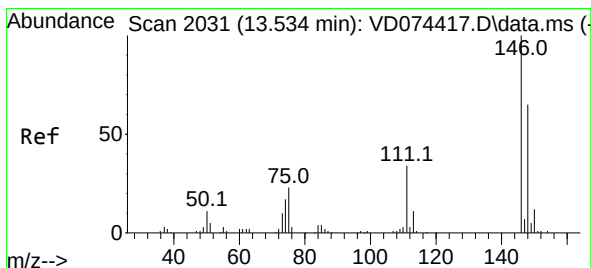
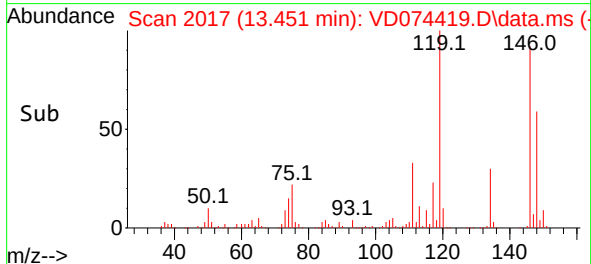
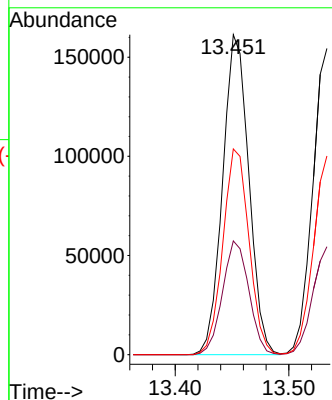
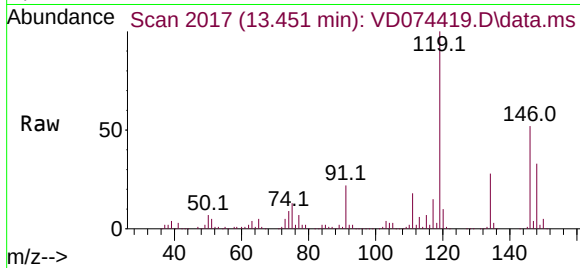




#87
 1,3-Dichlorobenzene
 Concen: 151.474 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

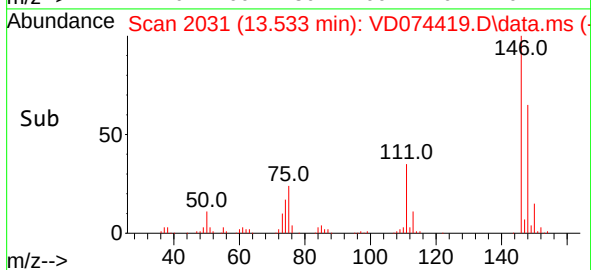
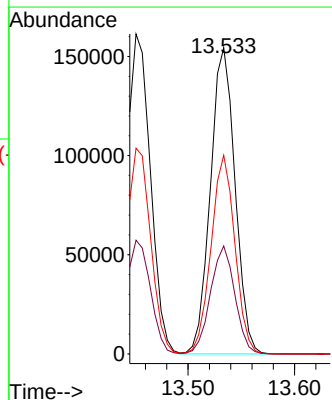
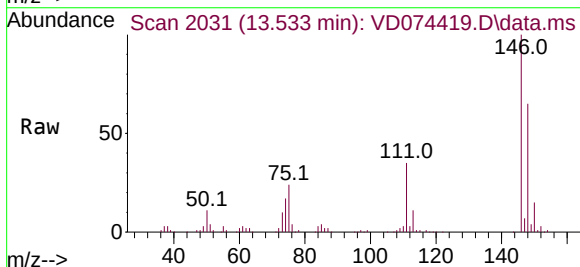
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

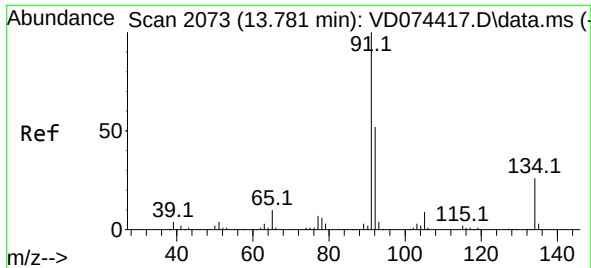
Tgt Ion:146 Resp: 258661
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.3 54.8
 148 64.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 145.464 ug/l
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD074419.D
 Acq: 26 Sep 2022 13:56

Tgt Ion:146 Resp: 248584
 Ion Ratio Lower Upper
 146 100
 111 34.9 17.7 53.1
 148 62.7 32.3 96.9

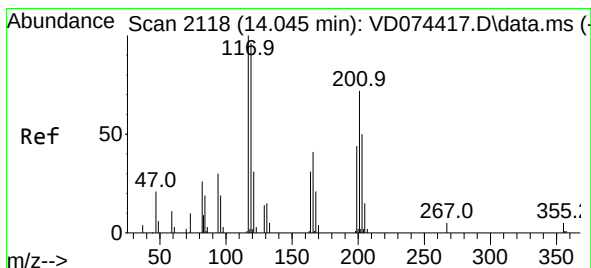
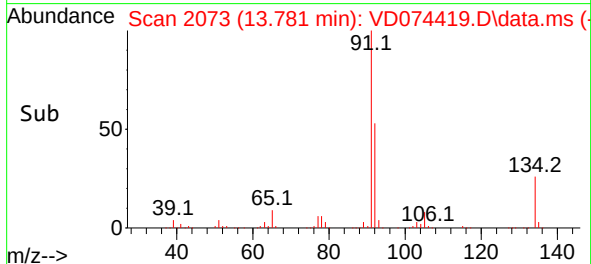
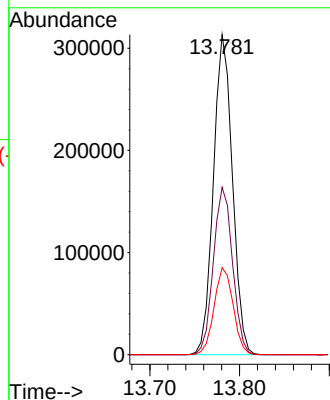
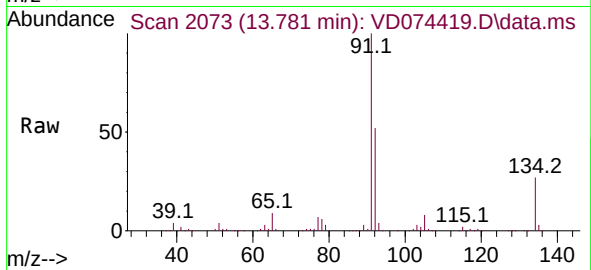




#89
n-Butylbenzene
Concen: 151.889 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

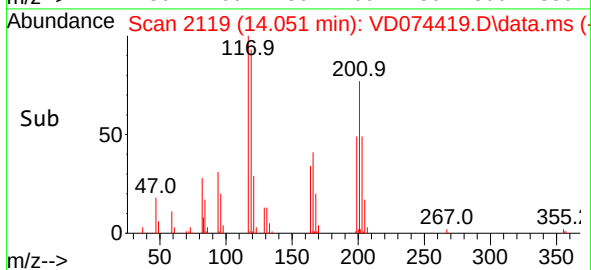
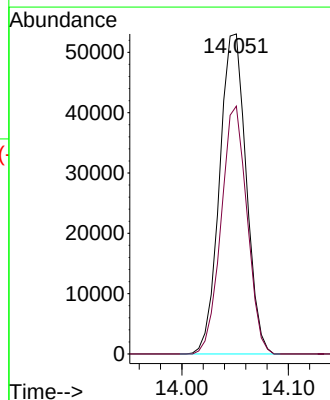
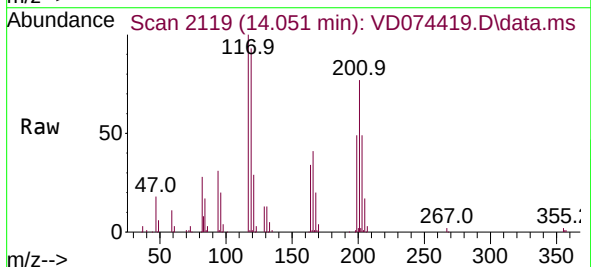
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

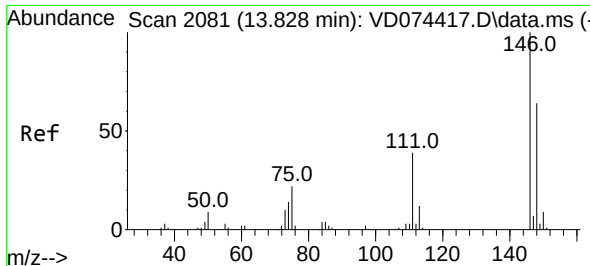
Tgt Ion: 91 Resp: 460119
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 27.4 13.4 40.2



#90
Hexachloroethane
Concen: 159.035 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 117 Resp: 92129
Ion Ratio Lower Upper
117 100
201 75.3 38.0 114.0

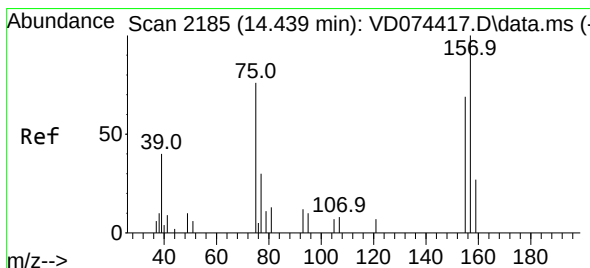
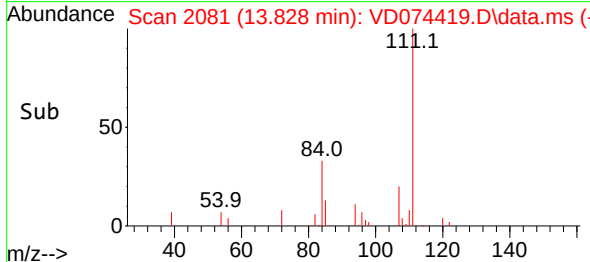
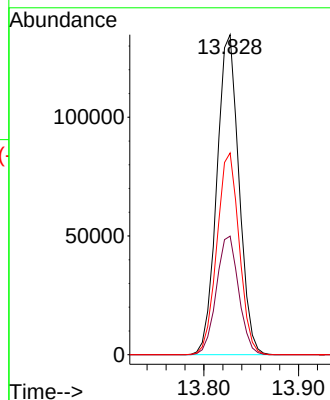
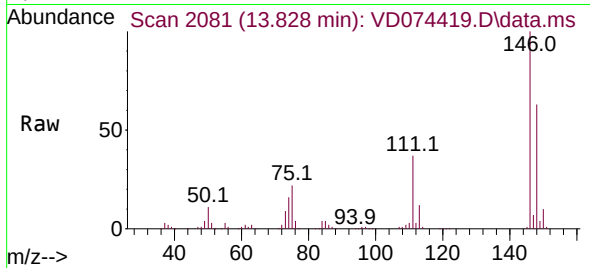




#91
1,2-Dichlorobenzene
Concen: 147.404 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

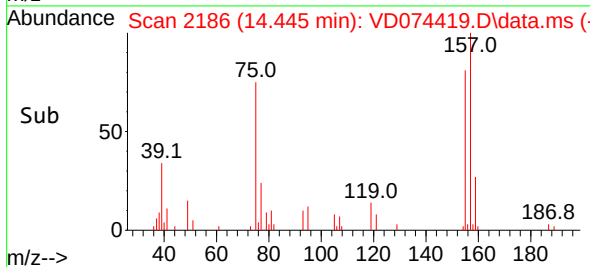
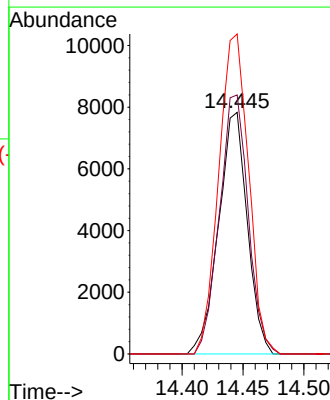
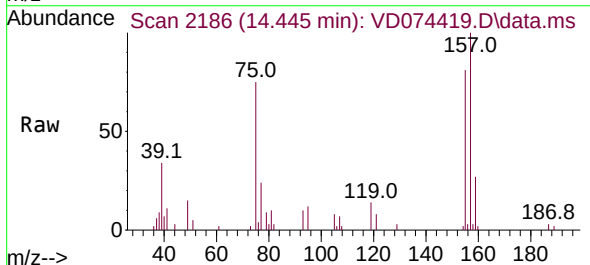
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

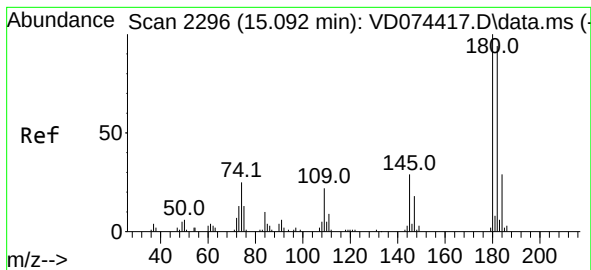
Tgt Ion:146 Resp: 218694
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.5
148 63.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 166.705 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion: 75 Resp: 12861
Ion Ratio Lower Upper
75 100
155 107.4 51.2 153.8
157 137.3 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 155.283 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

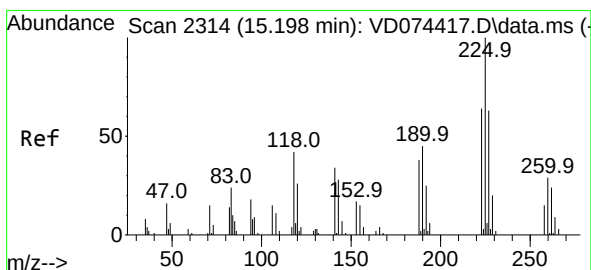
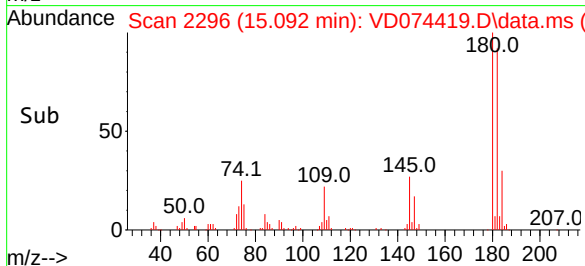
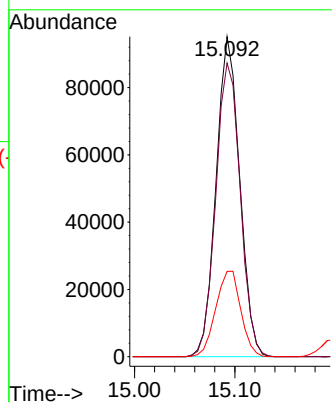
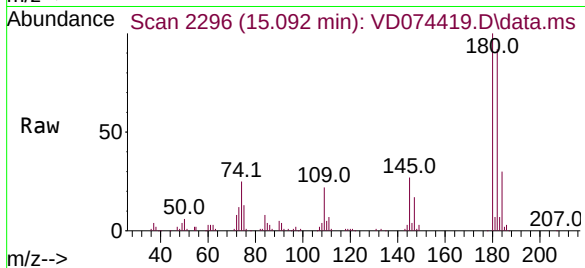
Tgt Ion:180 Resp: 155233

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 28.3 14.1 42.3



#94

Hexachlorobutadiene

Concen: 154.123 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD074419.D

Acq: 26 Sep 2022 13:56

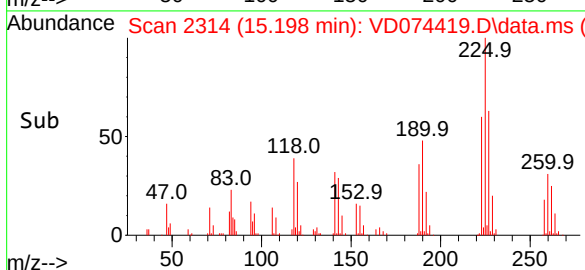
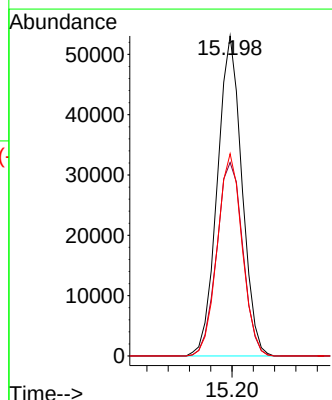
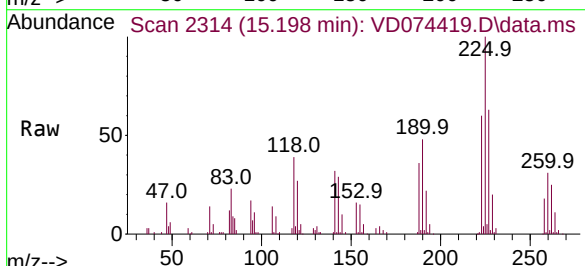
Tgt Ion:225 Resp: 85026

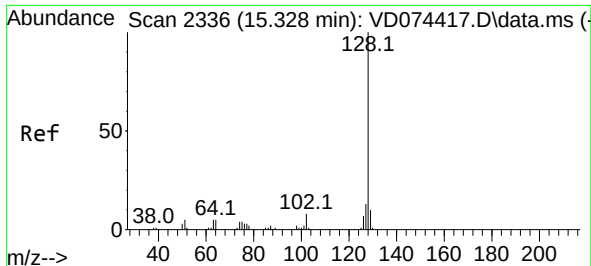
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 63.6 32.6 97.8

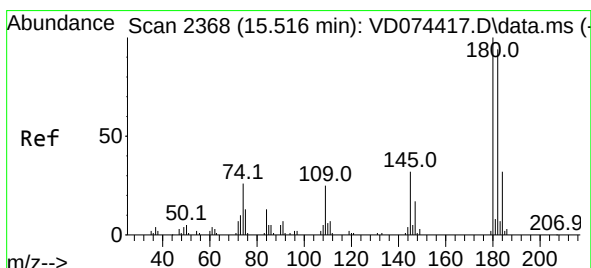
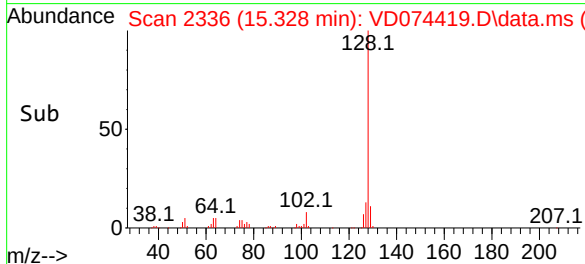
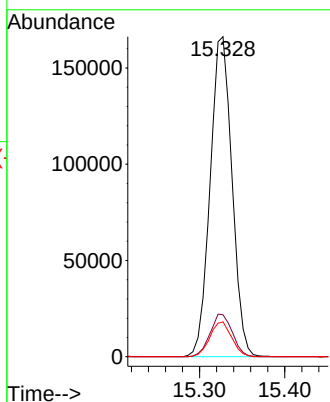
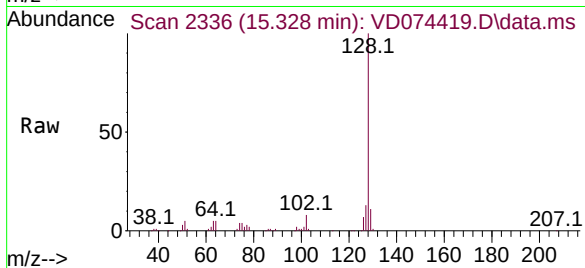




#95
Naphthalene
Concen: 161.037 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:	128	Resp:	296020
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	10.8	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 155.545 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074419.D
Acq: 26 Sep 2022 13:56

Tgt Ion:	180	Resp:	135007
Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.7	140.1
145	30.8	14.9	44.7

