

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075028.D
 Acq On : 15 Dec 2022 15:04
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 16 05:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	173624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	292960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	265754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	217952	152.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 304.740%#	
35) Dibromofluoromethane	7.810	113	253191	128.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 256.260%#	
50) Toluene-d8	10.269	98	1081311	153.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 306.360%#	
62) 4-Bromofluorobenzene	12.575	95	320193	154.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 309.340%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	151942	136.108	ug/l	97
3) Chloromethane	2.146	50	235505	128.654	ug/l	98
4) Vinyl Chloride	2.281	62	316394	140.790	ug/l	98
5) Bromomethane	2.669	94	255380	137.802	ug/l	99
6) Chloroethane	2.828	64	242683	145.399	ug/l	97
7) Trichlorofluoromethane	3.175	101	408303	147.263	ug/l	97
8) Diethyl Ether	3.593	74	126677	154.357	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	271832	149.170	ug/l	99
10) Methyl Iodide	4.163	142	351033	177.876	ug/l	100
11) Tert butyl alcohol	5.063	59	65239	715.707	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	263567	154.117	ug/l	98
13) Acrolein	3.799	56	130838	732.795	ug/l	98
14) Allyl chloride	4.563	41	308905	157.501	ug/l	99
15) Acrylonitrile	5.257	53	269323	781.601	ug/l	98
16) Acetone	4.022	43	281686	814.578	ug/l	95
17) Carbon Disulfide	4.269	76	569892	144.574	ug/l	99
18) Methyl Acetate	4.563	43	124427	129.531	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	589504	161.307	ug/l	98
20) Methylene Chloride	4.804	84	300562	79.512	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	285759	150.419	ug/l	98
22) Diisopropyl ether	6.216	45	718163	162.506	ug/l	100
23) Vinyl Acetate	6.157	43	1562782	1009.901	ug/l	100
24) 1,1-Dichloroethane	6.116	63	491537	152.544	ug/l	99
25) 2-Butanone	7.081	43	326950	766.112	ug/l	99
26) 2,2-Dichloropropane	7.081	77	445690	151.729	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	346735	154.136	ug/l	99
28) Bromochloromethane	7.428	49	130509	130.632	ug/l	96
29) Tetrahydrofuran	7.445	42	157036	711.489	ug/l	98
30) Chloroform	7.598	83	443501	132.519	ug/l	100
31) Cyclohexane	7.881	56	307968	140.031	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	387961	136.757	ug/l	99
36) 1,1-Dichloropropene	8.010	75	320540	144.070	ug/l	100
37) Ethyl Acetate	7.169	43	113036	128.038	ug/l	99
38) Carbon Tetrachloride	7.992	117	309138	153.616	ug/l	98
39) Methylcyclohexane	9.275	83	372806	153.727	ug/l	97
40) Benzene	8.251	78	970742	147.534	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	70139	143.840	ug/l	99
42) 1,2-Dichloroethane	8.328	62	227646	140.325	ug/l	100
43) Isopropyl Acetate	8.363	43	220795	149.031	ug/l	99
44) Trichloroethene	9.028	130	272571	147.963	ug/l	99
45) 1,2-Dichloropropane	9.304	63	242010	147.315	ug/l	95
46) Dibromomethane	9.398	93	129702	143.884	ug/l	97
47) Bromodichloromethane	9.586	83	337519	146.910	ug/l	99
48) Methyl methacrylate	9.381	41	104649	151.611	ug/l	99
49) 1,4-Dioxane	9.381	88	27784	3134.300	ug/l	98
51) 4-Methyl-2-Pentanone	10.163	43	585080	758.195	ug/l	99
52) Toluene	10.333	92	650003	150.375	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	319435	159.607	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	384041	154.594	ug/l	99
55) 1,1,2-Trichloroethane	10.733	97	188939	145.483	ug/l	97
56) Ethyl methacrylate	10.598	69	228098	159.197	ug/l	99
57) 1,3-Dichloropropane	10.880	76	310781	147.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	410125	873.915	ug/l	99
59) 2-Hexanone	10.922	43	432577	778.448	ug/l	98
60) Dibromochloromethane	11.075	129	225791	148.551	ug/l	99
61) 1,2-Dibromoethane	11.180	107	172887	146.440	ug/l	98
64) Tetrachloroethene	10.810	164	217694	138.950	ug/l	99
65) Chlorobenzene	11.610	112	705878	147.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	258926	150.827	ug/l	98
67) Ethyl Benzene	11.686	91	1302754	156.222	ug/l	97
68) m/p-Xylenes	11.792	106	1019534	312.653	ug/l	100
69) o-Xylene	12.122	106	488098	159.142	ug/l	99
70) Styrene	12.139	104	835625	157.550	ug/l	99
71) Bromoform	12.298	173	129012	147.378	ug/l #	99
73) Isopropylbenzene	12.422	105	1285061	158.596	ug/l	99
74) N-amyl acetate	12.233	43	213130	154.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	209819	141.900	ug/l	100
76) 1,2,3-Trichloropropane	12.727	75	252576	161.524	ug/l #	100
77) Bromobenzene	12.704	156	279809	151.627	ug/l	99
78) n-propylbenzene	12.763	91	1531444	154.614	ug/l	100
79) 2-Chlorotoluene	12.851	91	828560	151.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1041108	154.780	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	60900	158.108	ug/l	97
82) 4-Chlorotoluene	12.951	91	846869	149.948	ug/l	99
83) tert-Butylbenzene	13.169	119	919840	158.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	1049879	157.483	ug/l	100
85) sec-Butylbenzene	13.345	105	1413214	156.087	ug/l	99
86) p-Isopropyltoluene	13.463	119	1203788	160.980	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	596420	152.323	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	556741	144.635	ug/l	99
89) n-Butylbenzene	13.786	91	1111970	158.550	ug/l	100
90) Hexachloroethane	14.057	117	208748	155.285	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	492219	146.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	28288	143.605	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	319609	157.691	ug/l	98
94) Hexachlorobutadiene	15.204	225	166531	154.818	ug/l	98
95) Naphthalene	15.333	128	612680	162.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	276427	155.852	ug/l	99

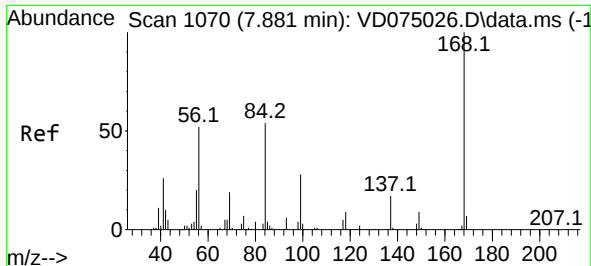
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 16 05:00:18 2022
Response via : Initial Calibration

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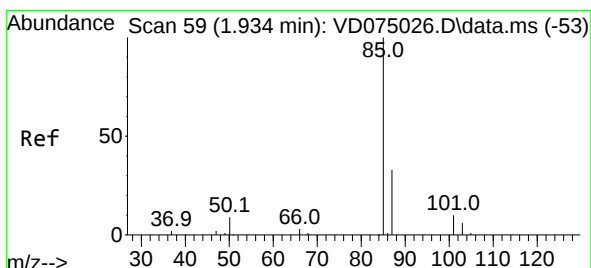
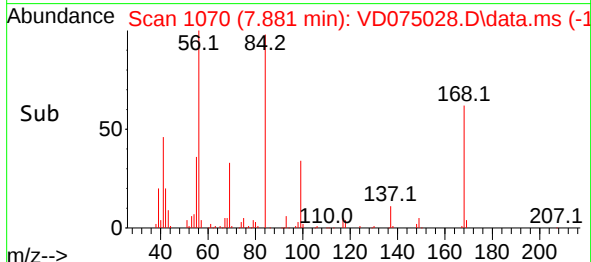
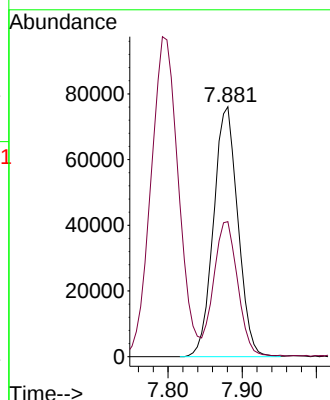
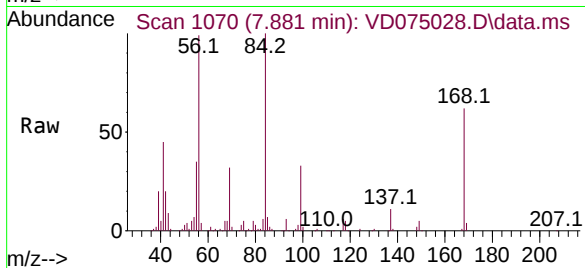
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

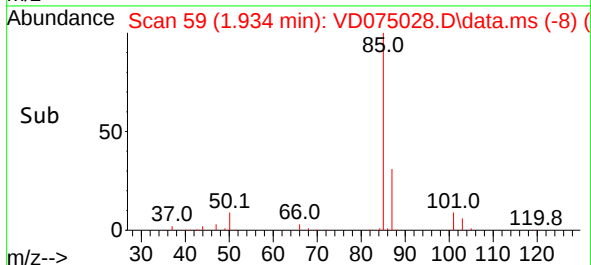
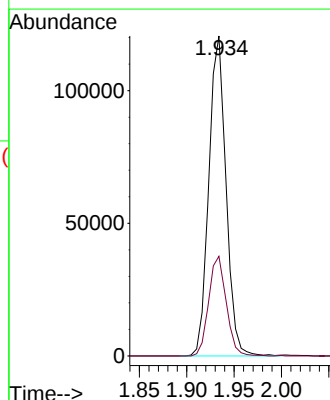
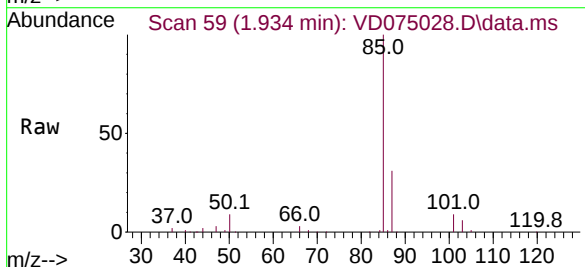
Instrument :
MSVOA_D
ClientSampleId :
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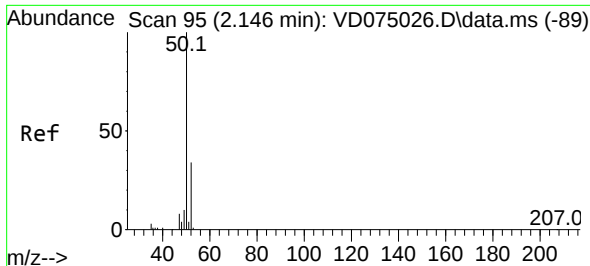
Tgt Ion:168 Resp: 173624
Ion Ratio Lower Upper
168 100
99 53.4 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 136.108 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 85 Resp: 151942
Ion Ratio Lower Upper
85 100
87 31.1 16.5 49.5

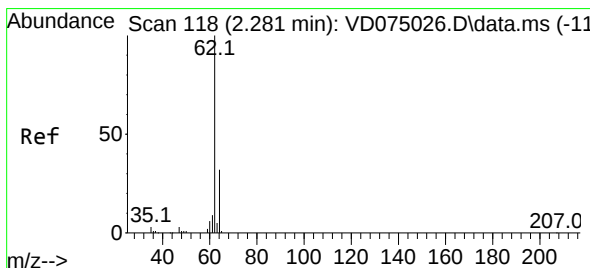
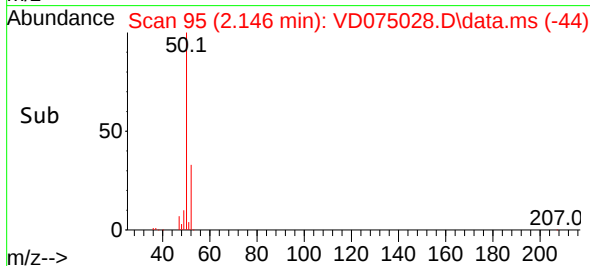
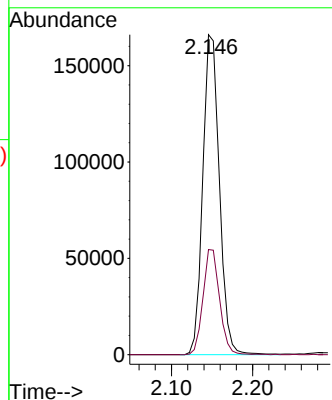
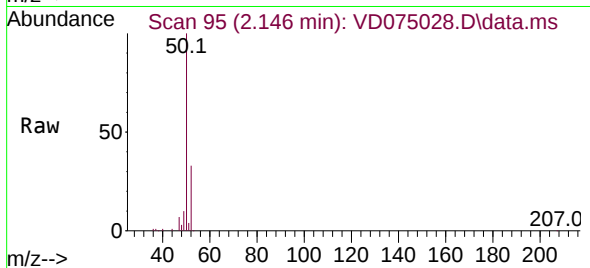




#3
Chloromethane
Concen: 128.654 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

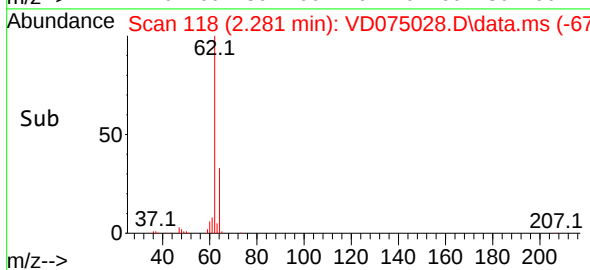
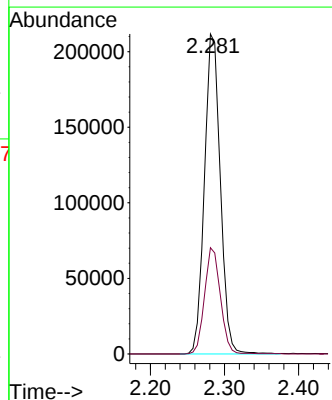
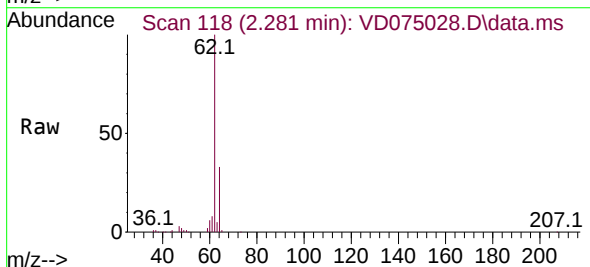
Instrument :
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ClientSampleId :
VSTDIC150

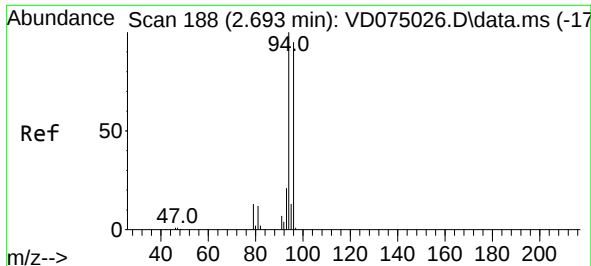
Tgt Ion: 50 Resp: 235505
Ion Ratio Lower Upper
50 100
52 32.8 27.2 40.8



#4
Vinyl Chloride
Concen: 140.790 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 62 Resp: 316394
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.6

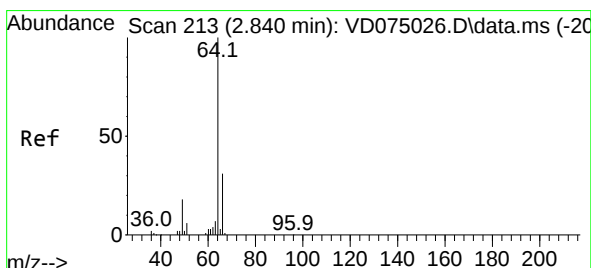
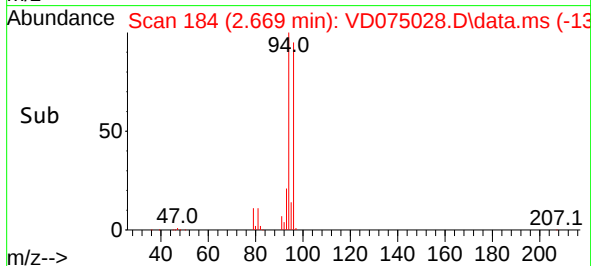
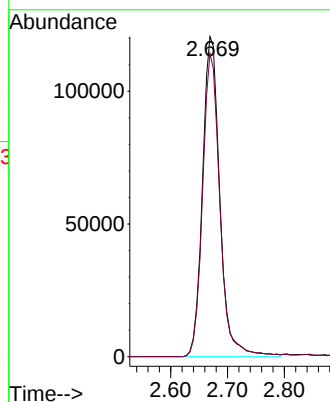
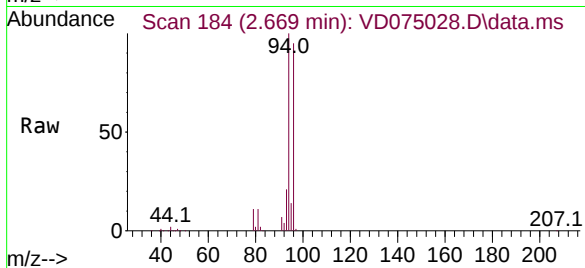




#5
Bromomethane
Concen: 137.802 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

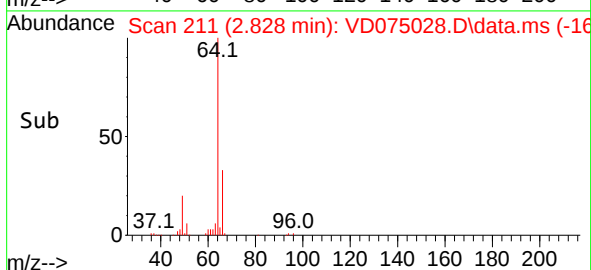
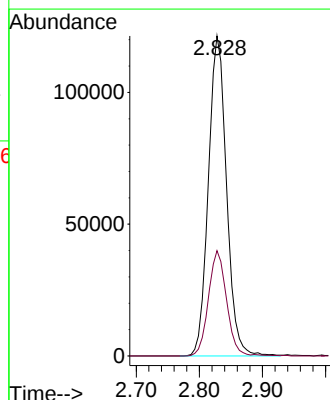
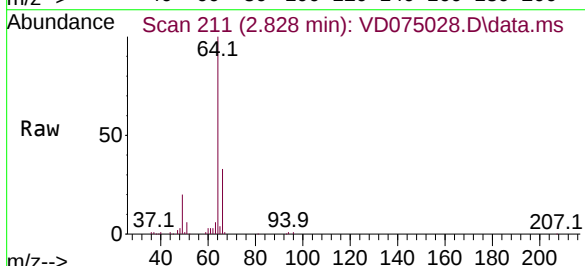
Instrument :
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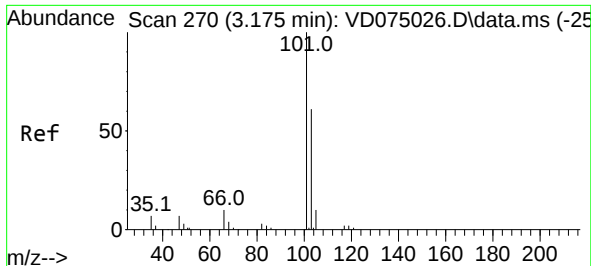
Tgt Ion: 94 Resp: 255380
Ion Ratio Lower Upper
94 100
96 94.6 75.2 112.8



#6
Chloroethane
Concen: 145.399 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 64 Resp: 242683
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7

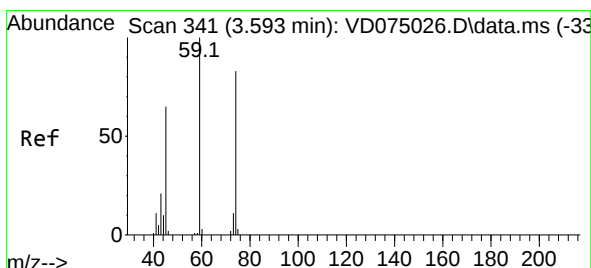
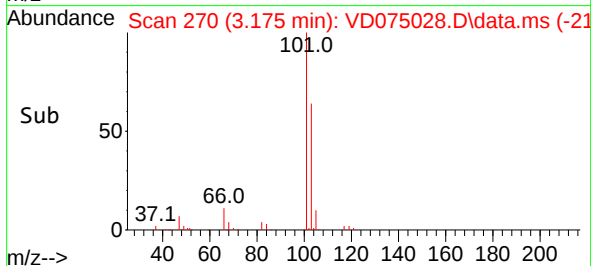
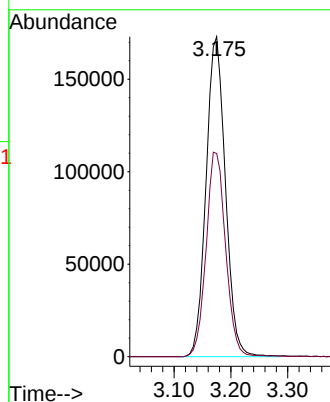
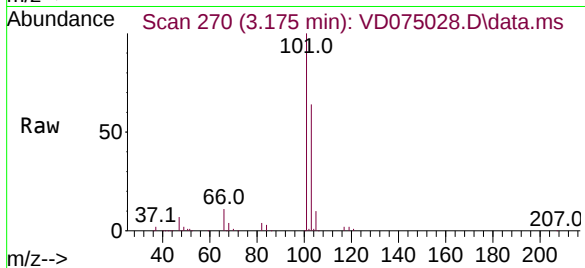




#7
Trichlorofluoromethane
Concen: 147.263 ug/l
RT: 3.175 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

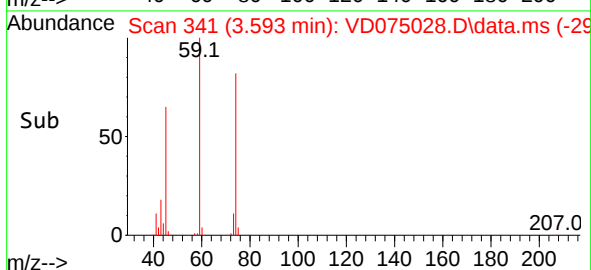
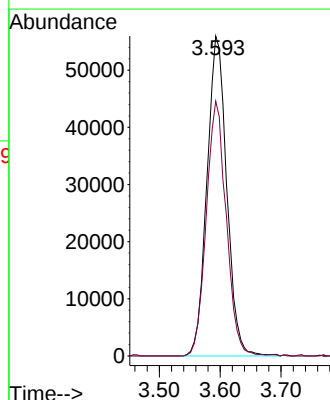
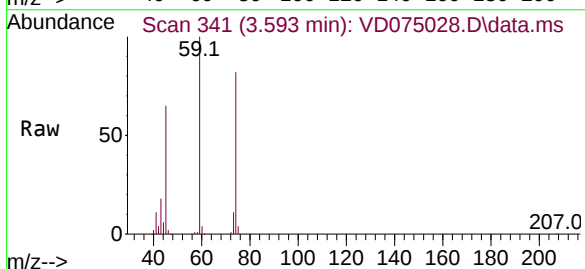
Instrument :
MSVOA_D
ClientSampleId :
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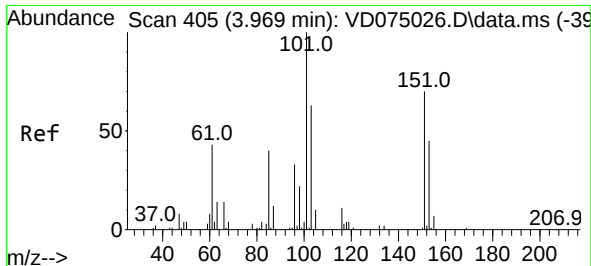
Tgt Ion:101 Resp: 408303
Ion Ratio Lower Upper
101 100
103 63.5 49.1 73.7



#8
Diethyl Ether
Concen: 154.357 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 74 Resp: 126677
Ion Ratio Lower Upper
74 100
45 80.2 40.2 120.5

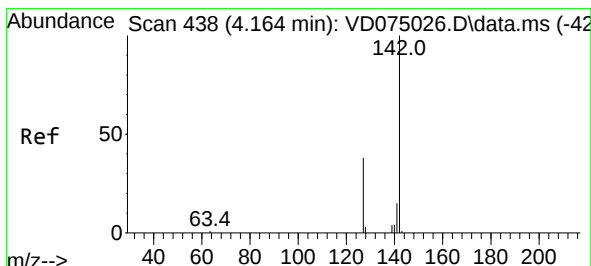
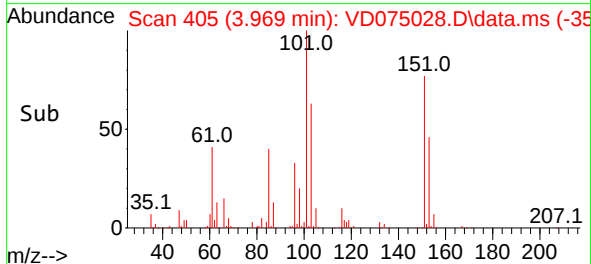
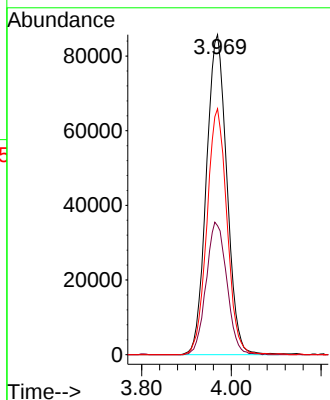
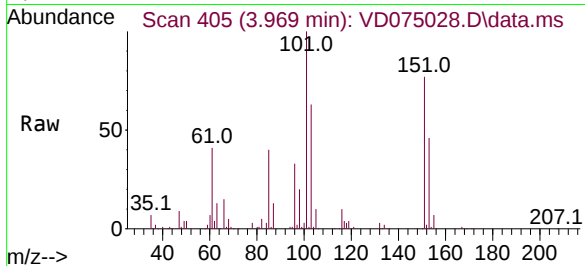




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 149.170 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

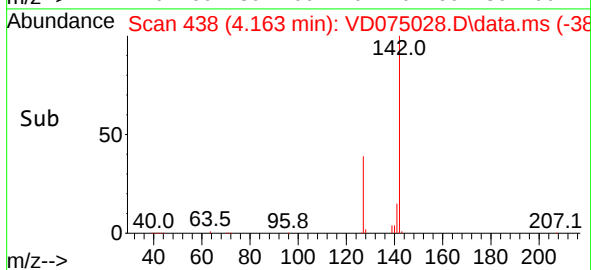
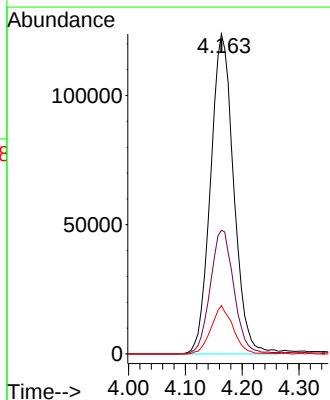
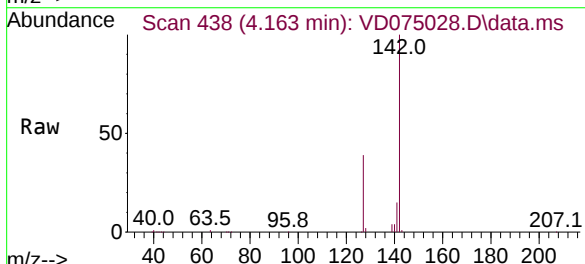
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

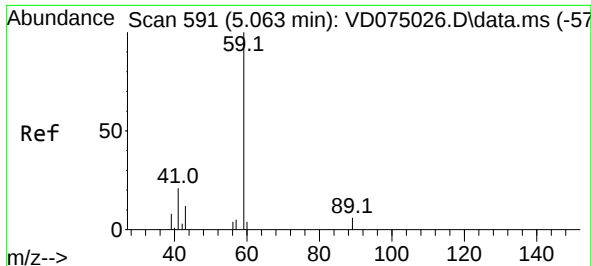
Tgt Ion:101 Resp: 271832
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.0
 151 75.3 58.9 88.3



#10
 Methyl Iodide
 Concen: 177.876 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

Tgt Ion:142 Resp: 351033
 Ion Ratio Lower Upper
 142 100
 127 39.5 31.4 47.2
 141 14.4 11.4 17.2

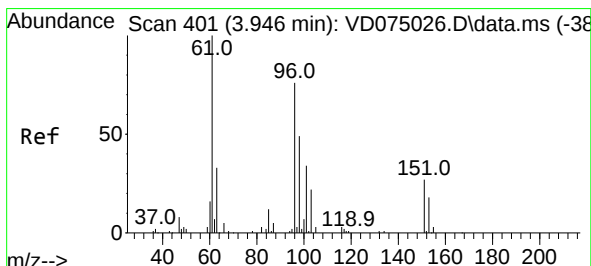
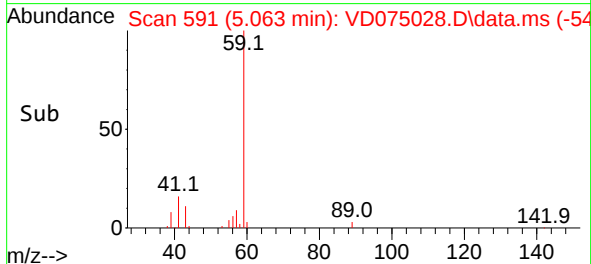
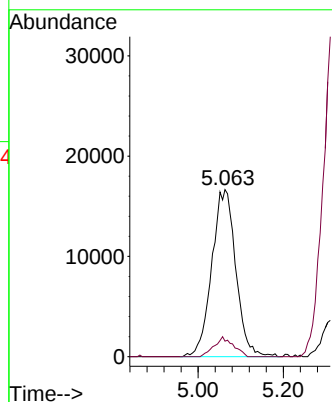
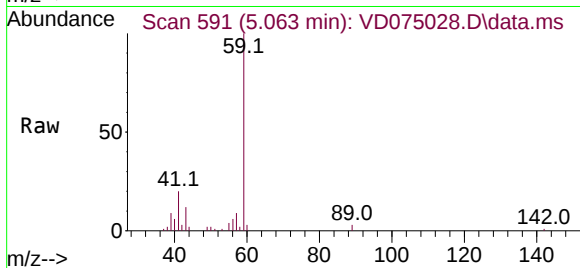




#11
Tert butyl alcohol
Concen: 715.707 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

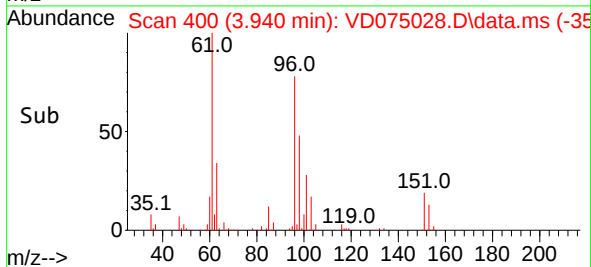
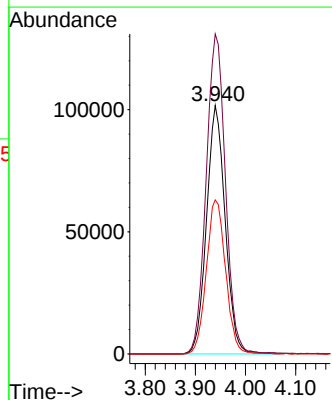
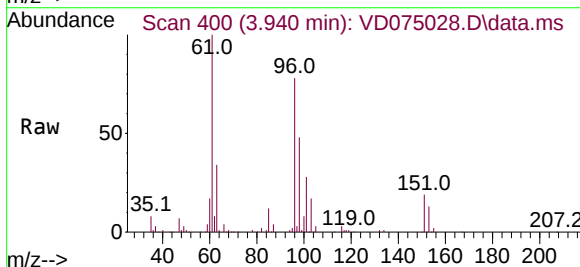
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

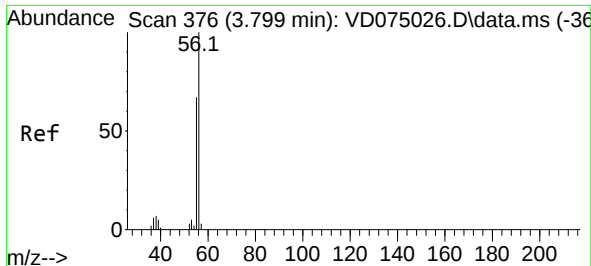
Tgt Ion: 59 Resp: 65239
Ion Ratio Lower Upper
59 100
57 9.5 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 154.117 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 96 Resp: 263567
Ion Ratio Lower Upper
96 100
61 128.8 104.9 157.3
98 62.0 51.8 77.8





#13

Acrolein

Concen: 732.795 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

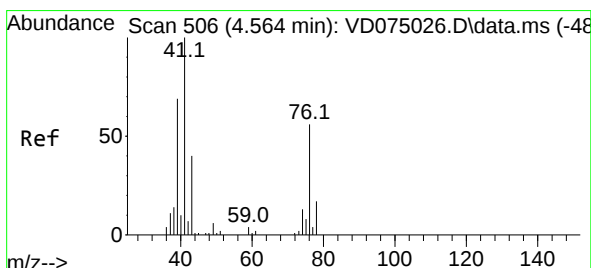
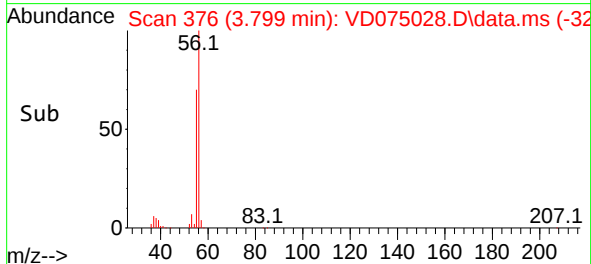
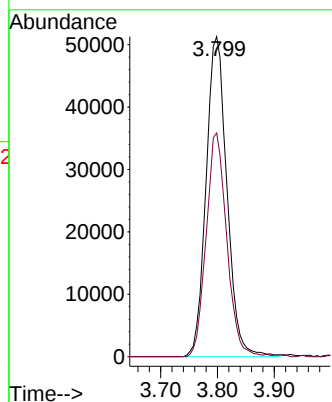
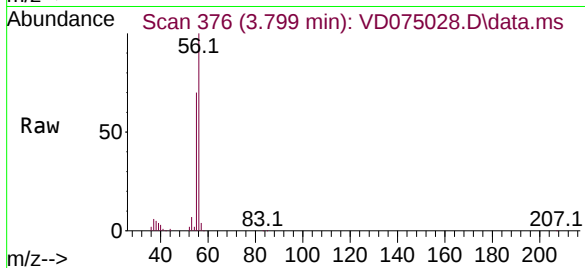
VSTDICC150

Tgt Ion: 56 Resp: 130838

Ion Ratio Lower Upper

56 100

55 68.9 56.6 84.8



#14

Allyl chloride

Concen: 157.501 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

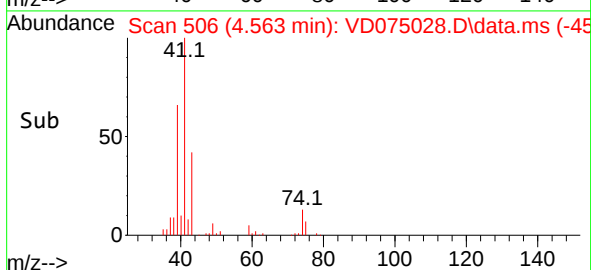
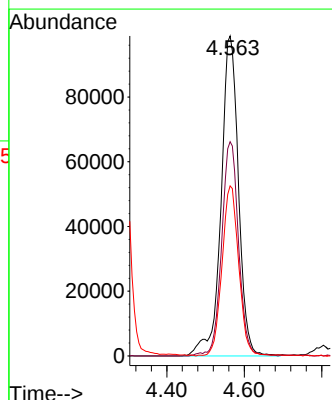
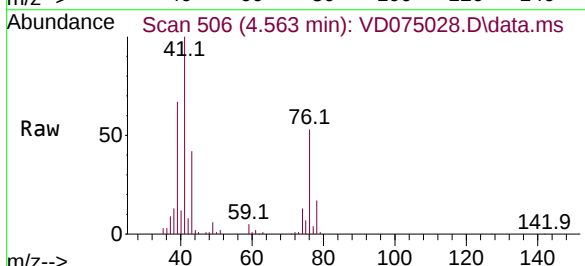
Tgt Ion: 41 Resp: 308905

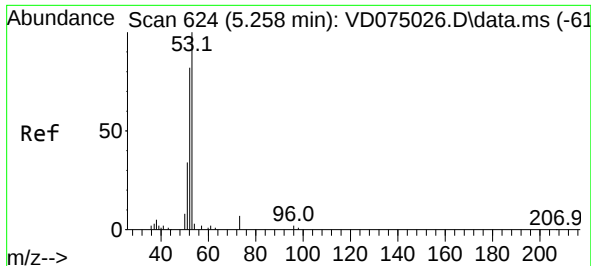
Ion Ratio Lower Upper

41 100

39 64.9 52.5 78.7

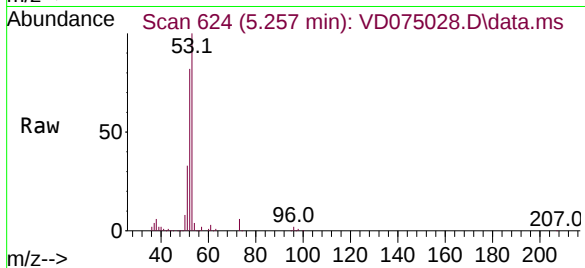
76 50.9 41.1 61.7



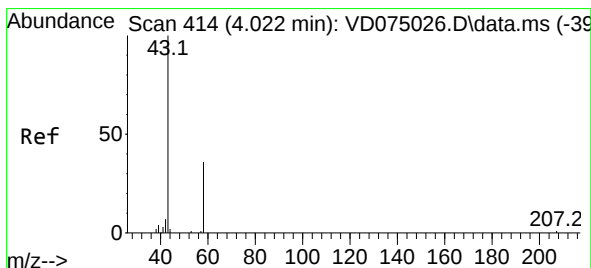
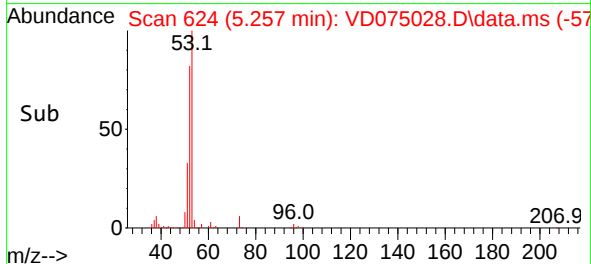
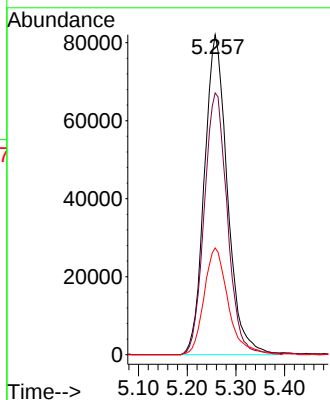


#15
Acrylonitrile
Concen: 781.601 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

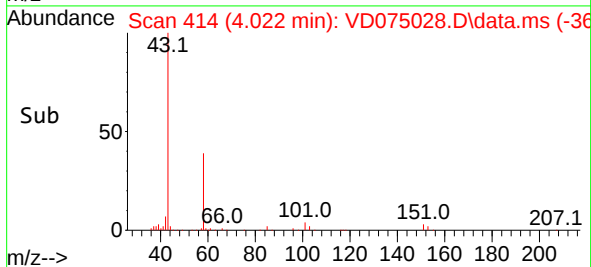
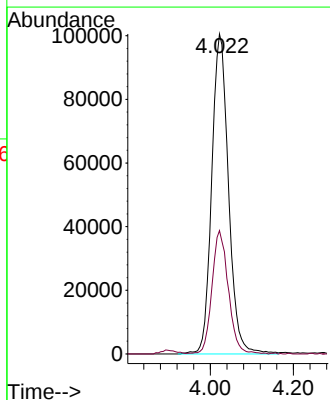
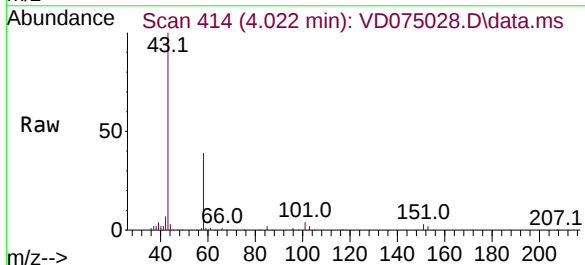


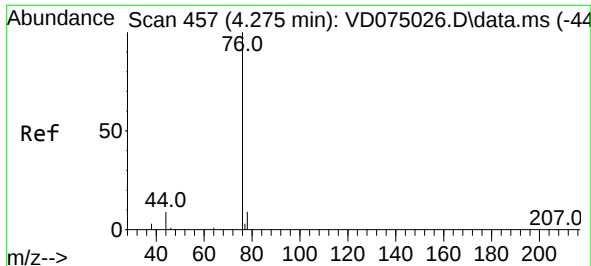
Tgt Ion: 53 Resp: 269323
Ion Ratio Lower Upper
53 100
52 82.3 64.0 96.0
51 34.9 27.8 41.8



#16
Acetone
Concen: 814.578 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 43 Resp: 281686
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0

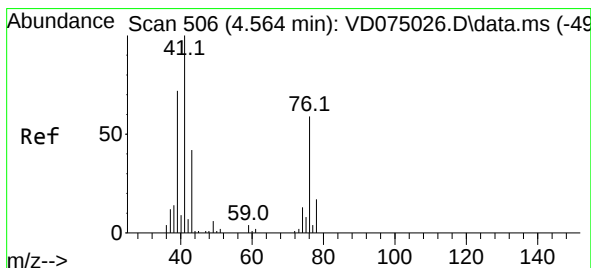
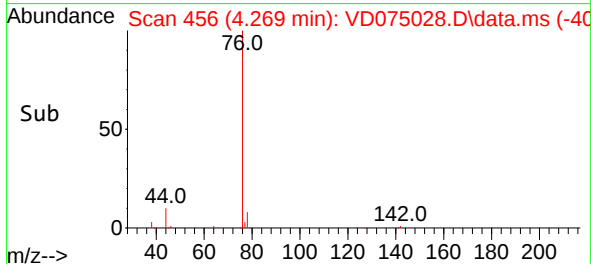
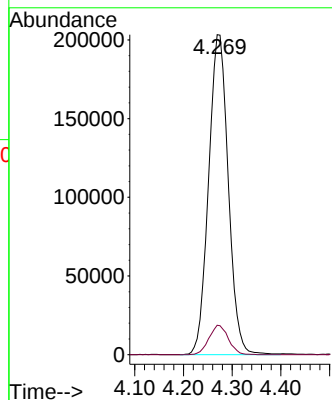
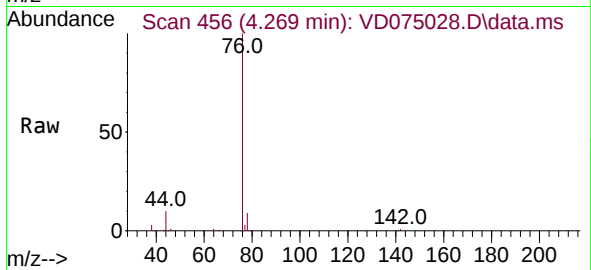




#17
Carbon Disulfide
Concen: 144.574 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

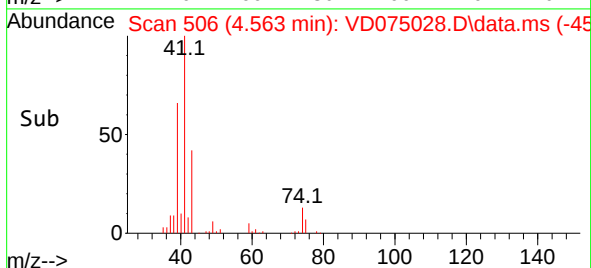
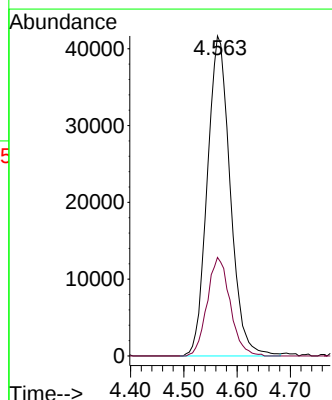
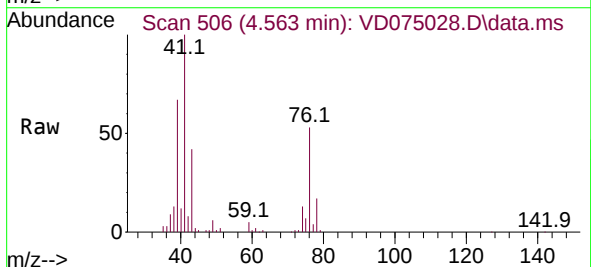
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

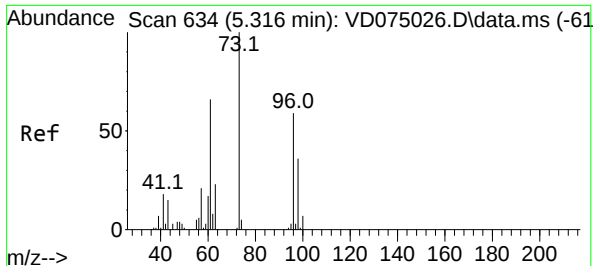
Tgt Ion: 76 Resp: 569892
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 129.531 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 43 Resp: 124427
Ion Ratio Lower Upper
43 100
74 30.8 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 161.307 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

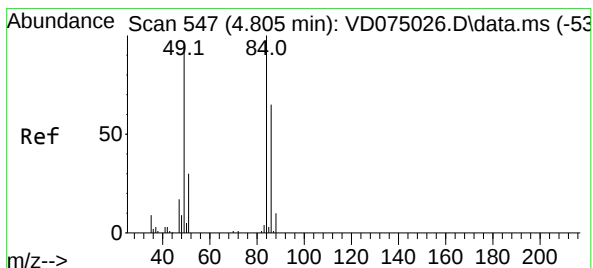
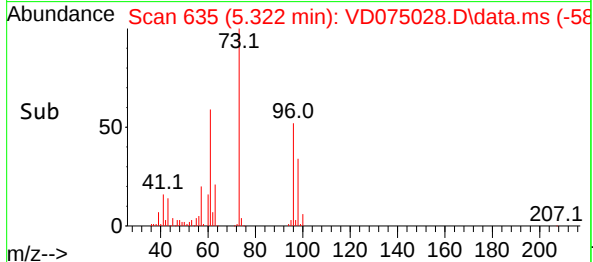
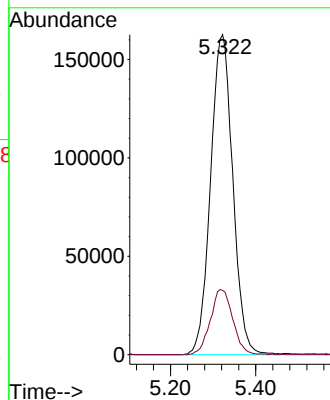
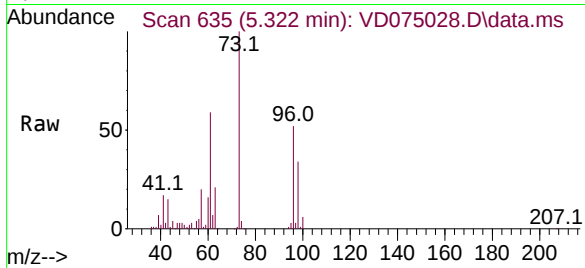
VSTDIC150

Tgt Ion: 73 Resp: 589504

Ion Ratio Lower Upper

73 100

57 20.1 16.9 25.3



#20

Methylene Chloride

Concen: 79.512 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Tgt Ion: 84 Resp: 300562

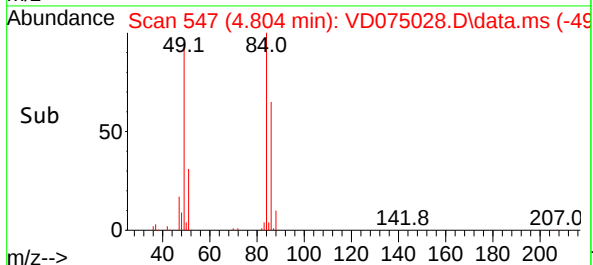
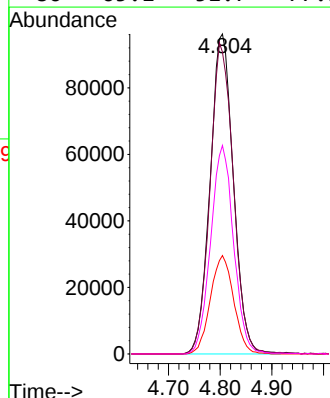
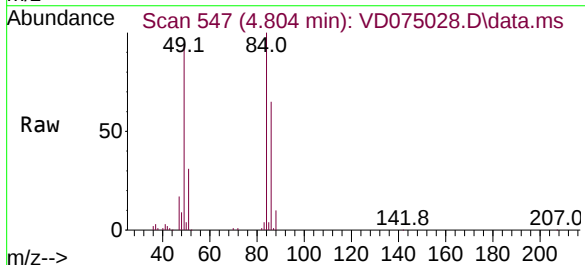
Ion Ratio Lower Upper

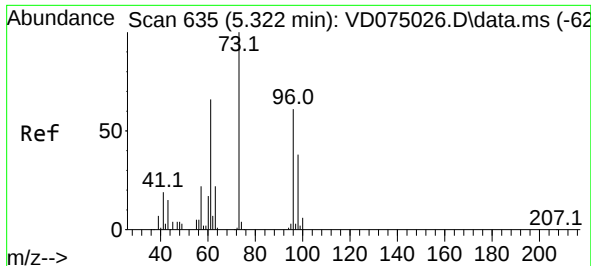
84 100

49 94.4 77.2 115.8

51 30.7 24.1 36.1

86 65.1 51.7 77.5

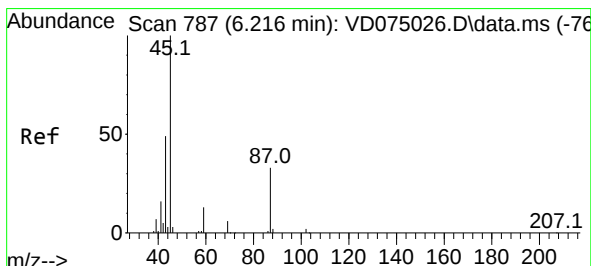
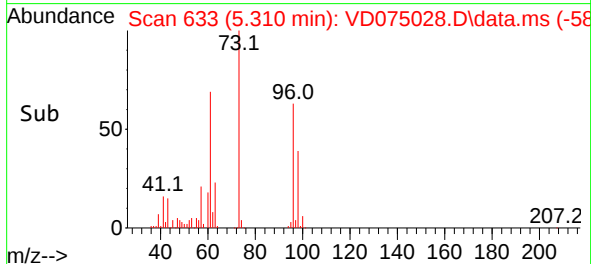
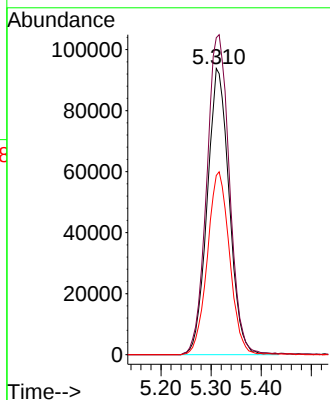
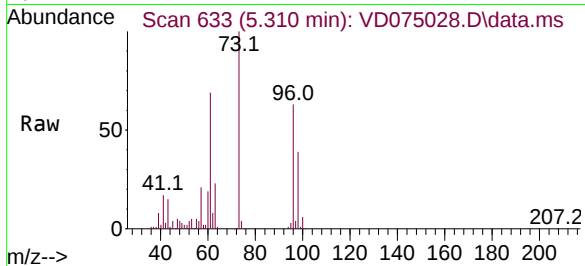




#21
trans-1,2-Dichloroethene
Concen: 150.419 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

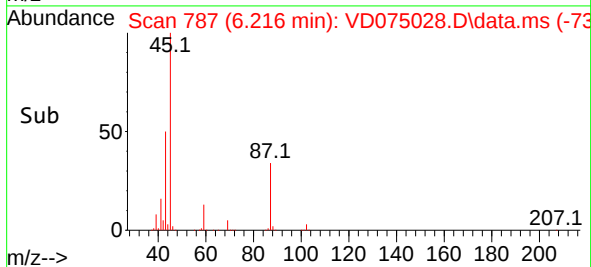
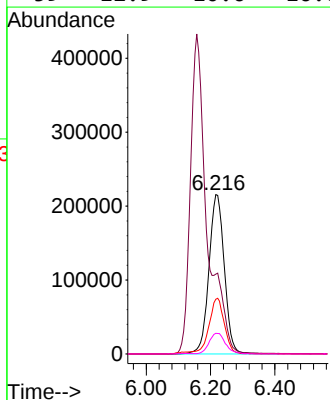
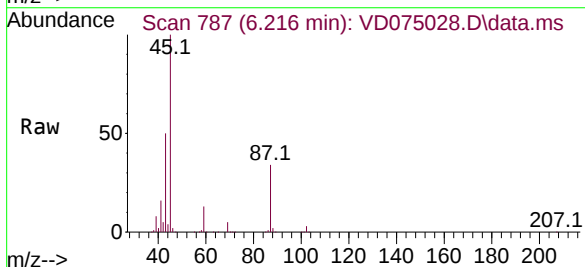
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

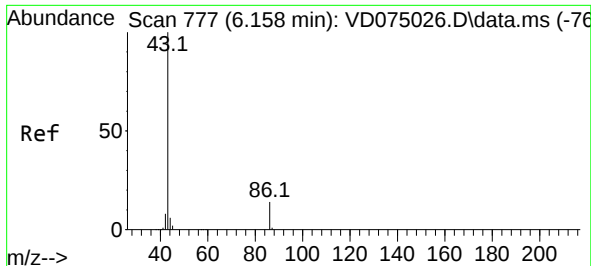
Tgt Ion: 96 Resp: 285759
Ion Ratio Lower Upper
96 100
61 110.7 86.7 130.1
98 62.6 49.8 74.8



#22
Diisopropyl ether
Concen: 162.506 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 45 Resp: 718163
Ion Ratio Lower Upper
45 100
43 49.7 39.8 59.8
87 34.3 27.5 41.3
59 12.9 10.6 16.0

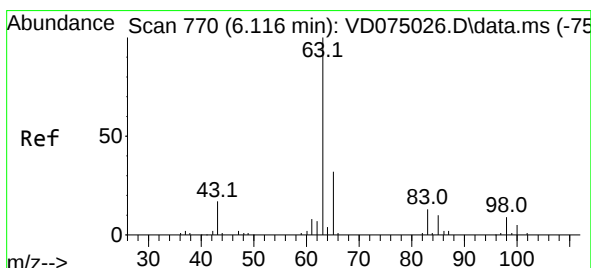
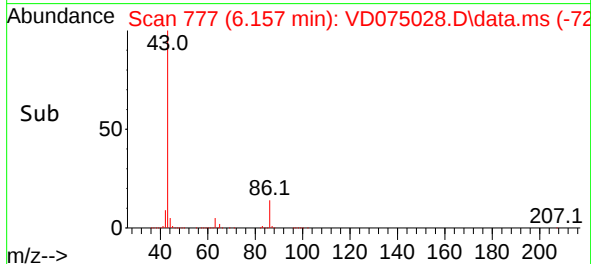
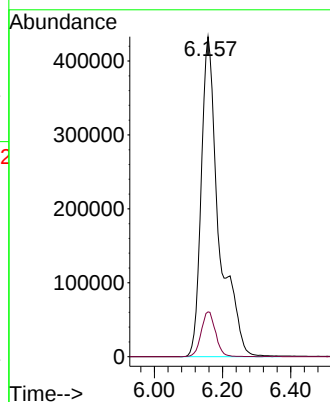
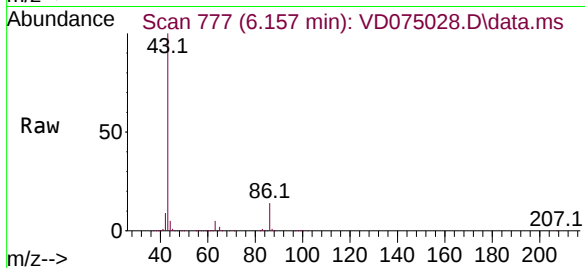




#23
 Vinyl Acetate
 Concen: 1009.901 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

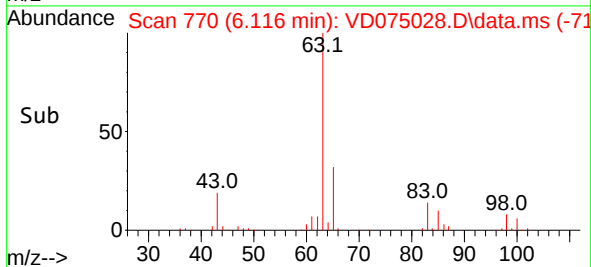
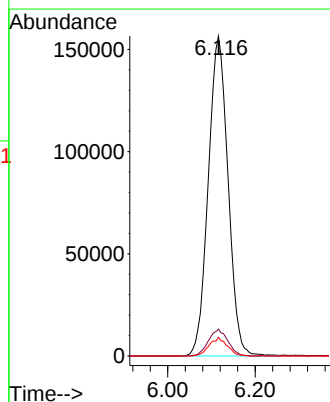
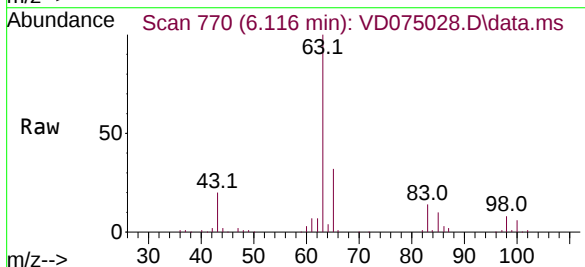
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

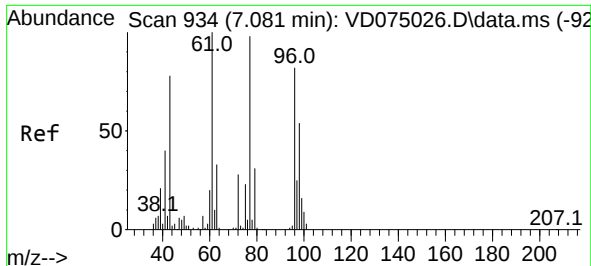
Tgt Ion: 43 Resp: 1562782
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 152.544 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

Tgt Ion: 63 Resp: 491537
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 13.1
 100 5.8 2.5 7.4

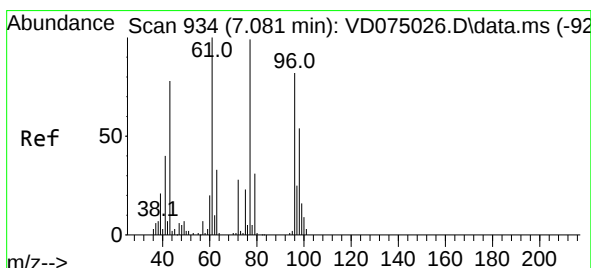
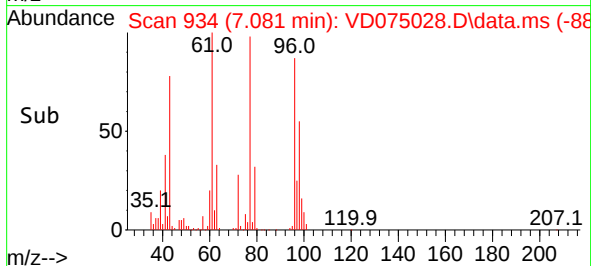
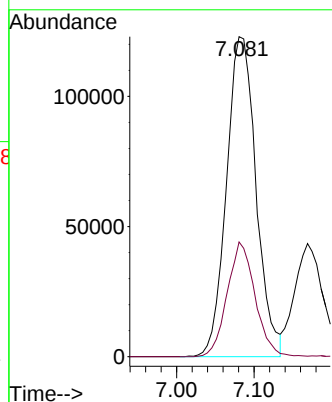
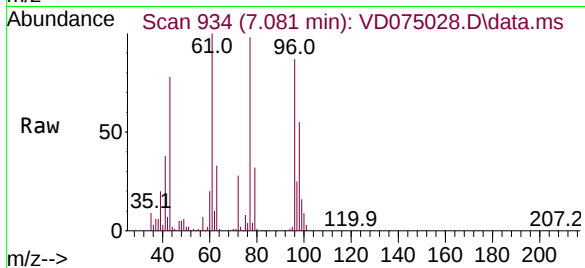




#25
2-Butanone
Concen: 766.112 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

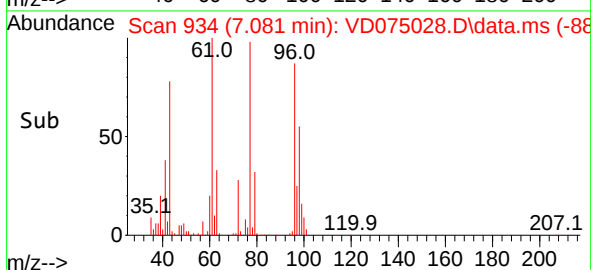
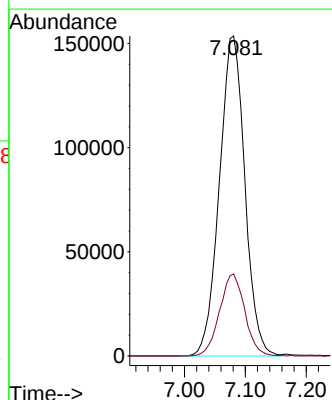
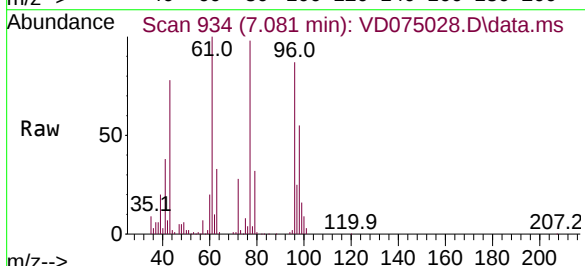
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

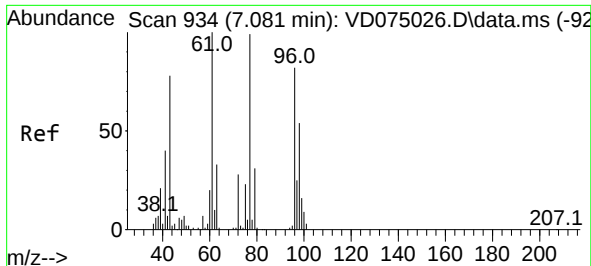
Tgt Ion: 43 Resp: 326950
Ion Ratio Lower Upper
43 100
72 35.8 28.4 42.6



#26
2,2-Dichloropropane
Concen: 151.729 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 77 Resp: 445690
Ion Ratio Lower Upper
77 100
97 25.3 12.6 37.6



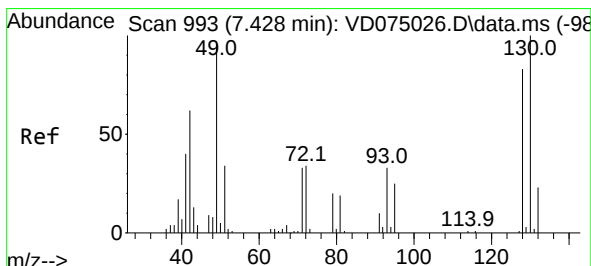
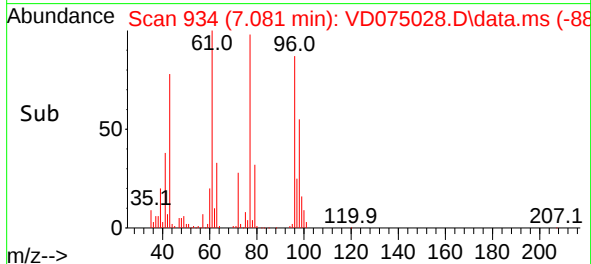
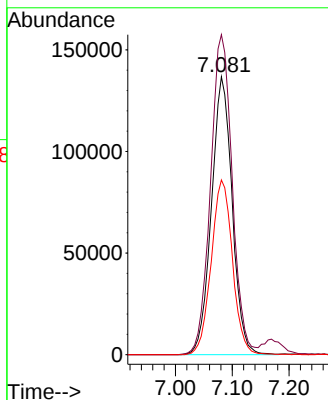
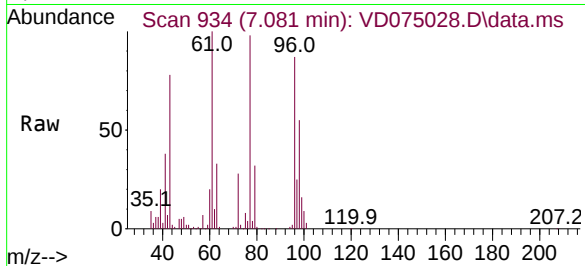


#27
 cis-1,2-Dichloroethene
 Concen: 154.136 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 346735

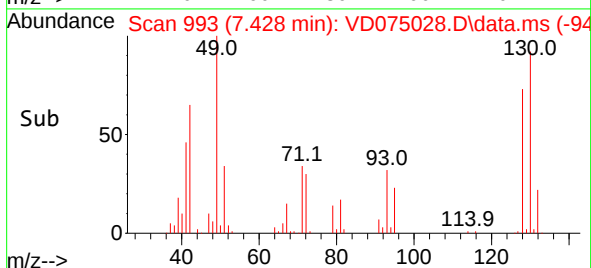
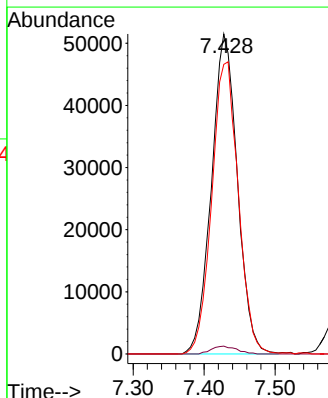
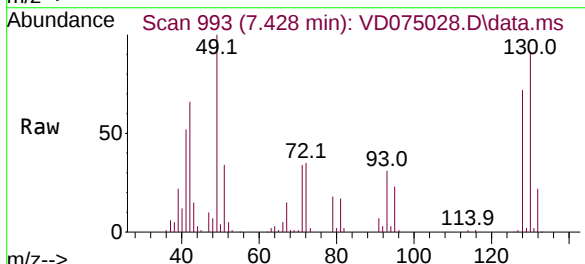
Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	244.6
98	64.4	0.0	131.0

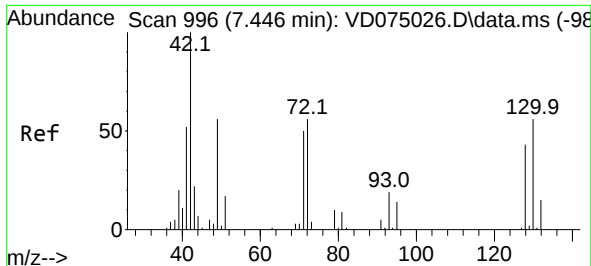


#28
 Bromochloromethane
 Concen: 130.632 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

Tgt Ion: 49 Resp: 130509

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	93.3	78.2	117.4





#29

Tetrahydrofuran

Concen: 711.489 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

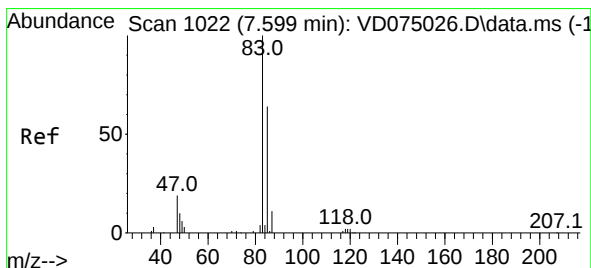
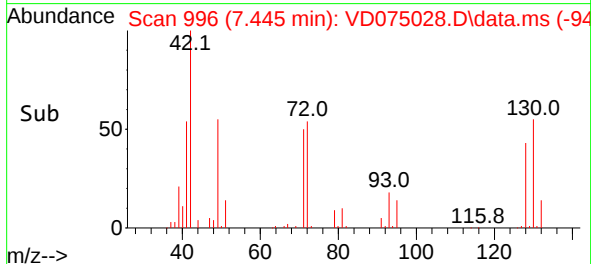
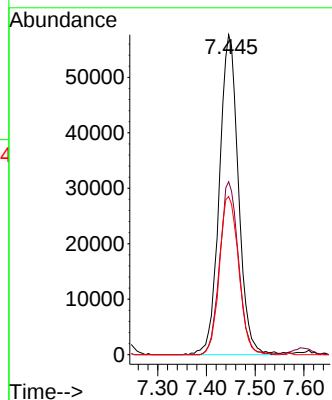
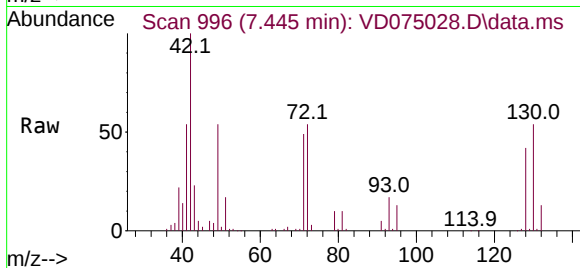
Tgt Ion: 42 Resp: 157036

Ion Ratio Lower Upper

42 100

72 53.2 43.8 65.8

71 50.2 41.1 61.7



#30

Chloroform

Concen: 132.519 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075028.D

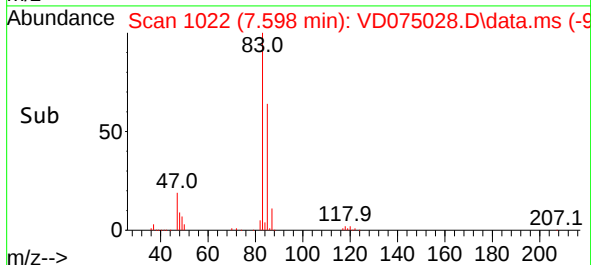
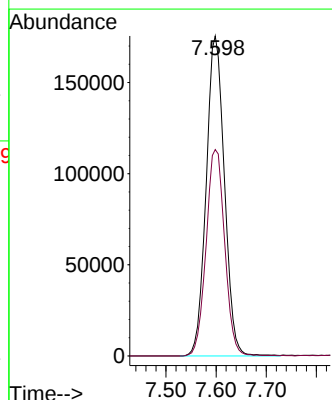
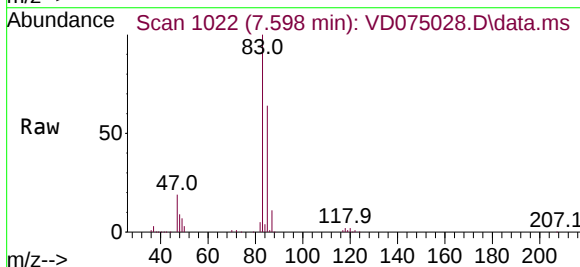
Acq: 15 Dec 2022 15:04

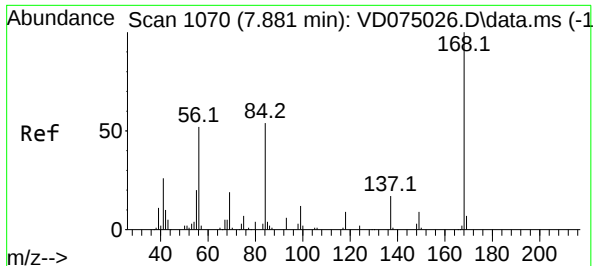
Tgt Ion: 83 Resp: 443501

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

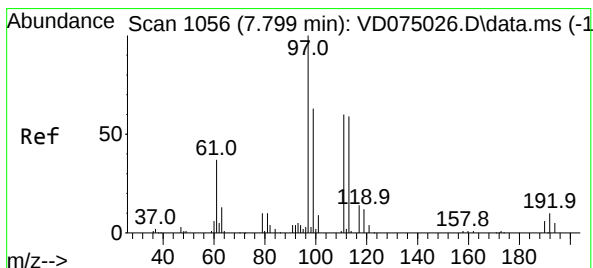
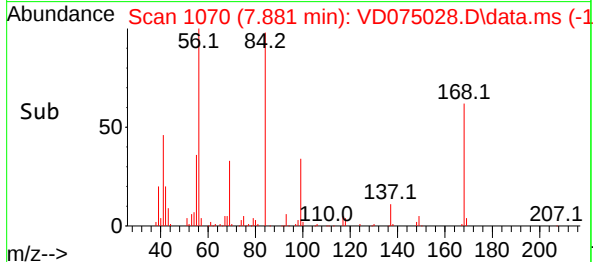
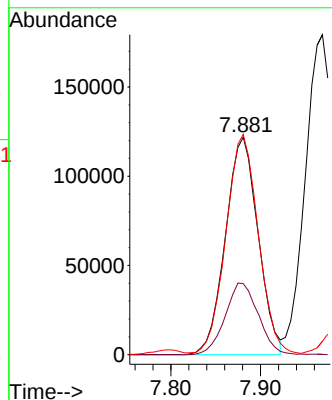
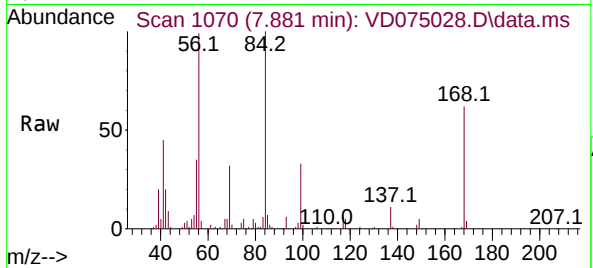




#31
Cyclohexane
Concen: 140.031 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

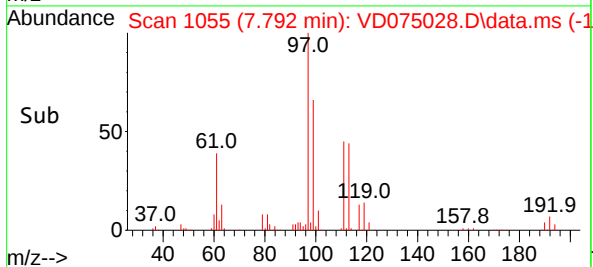
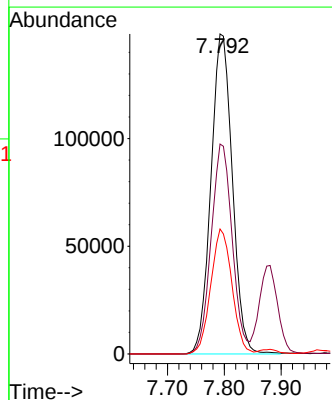
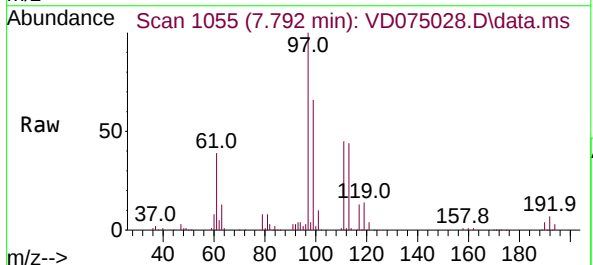
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

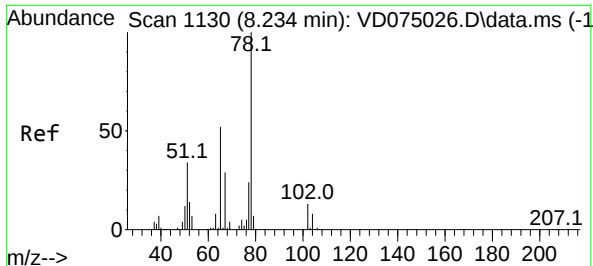
Tgt Ion: 56 Resp: 307968
Ion Ratio Lower Upper
56 100
69 32.7 29.4 44.2
84 100.0 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 136.757 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 97 Resp: 387961
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 38.6 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 152.372 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

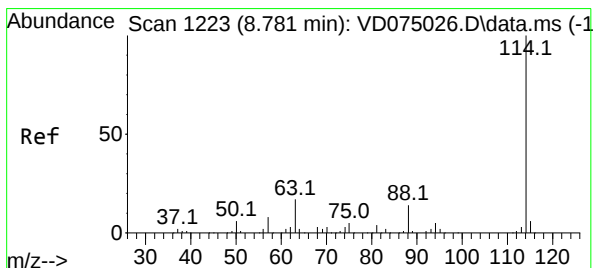
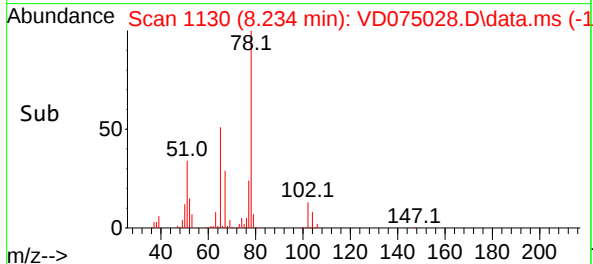
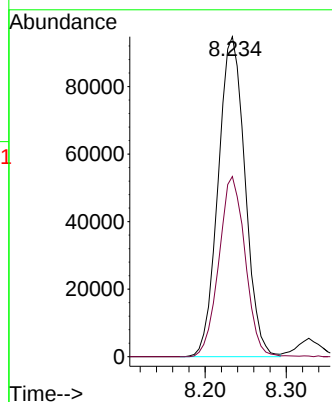
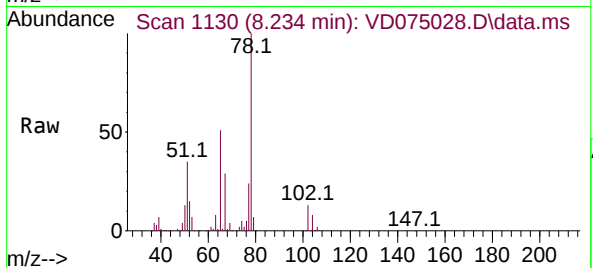
VSTDIC150

Tgt Ion: 65 Resp: 217952

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

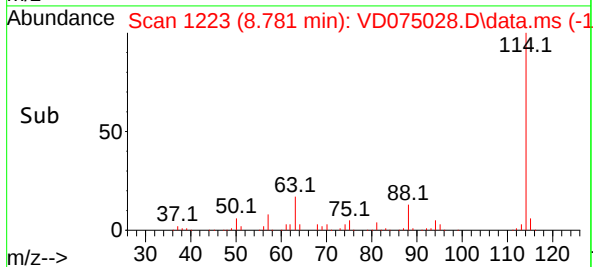
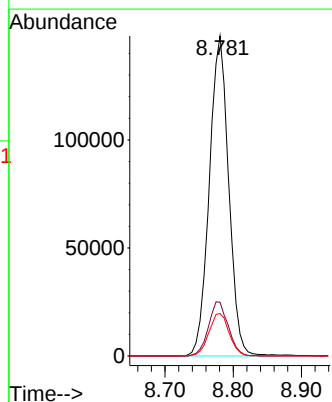
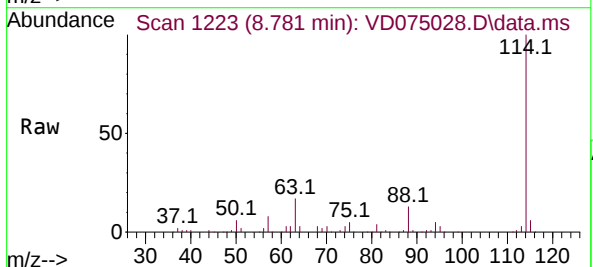
Tgt Ion: 114 Resp: 292960

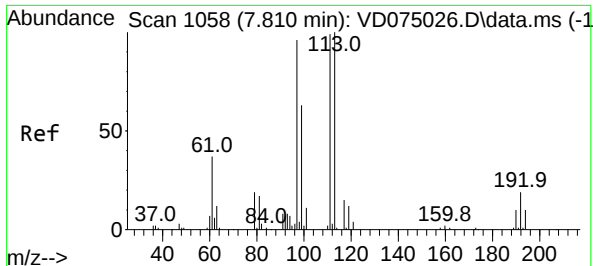
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

88 13.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 128.126 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

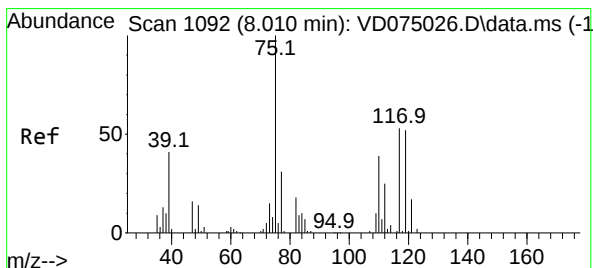
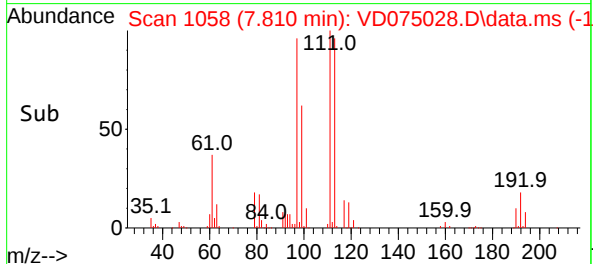
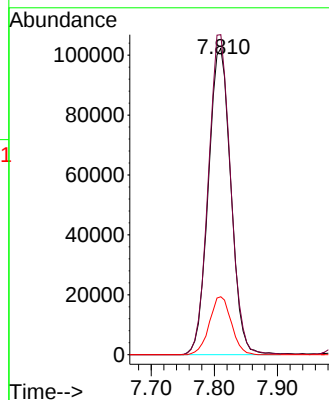
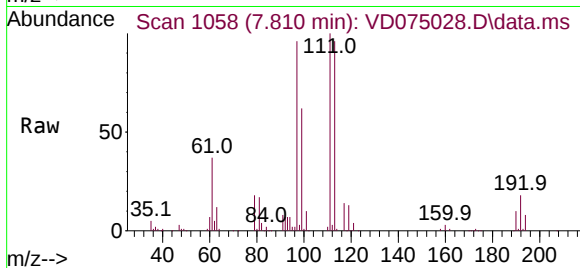
Tgt Ion:113 Resp: 253191

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 18.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 144.070 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

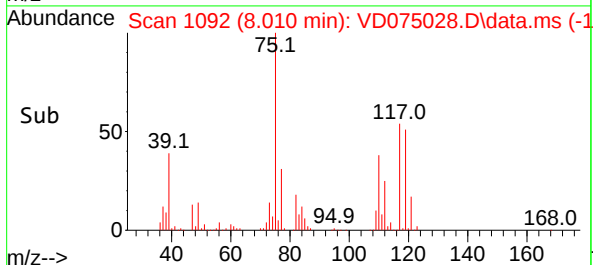
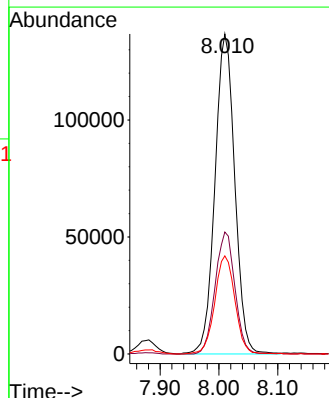
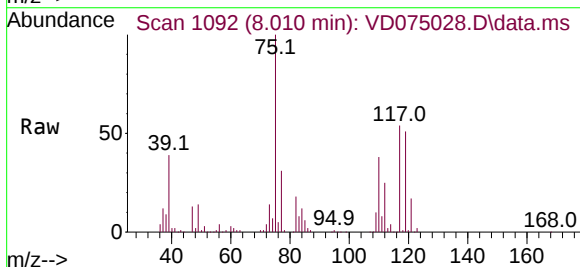
Tgt Ion: 75 Resp: 320540

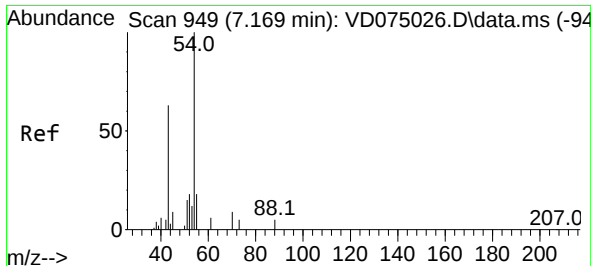
Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

77 31.2 25.2 37.8

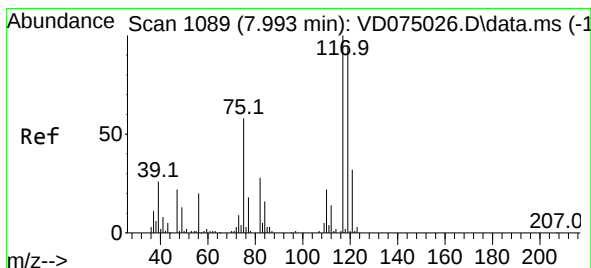
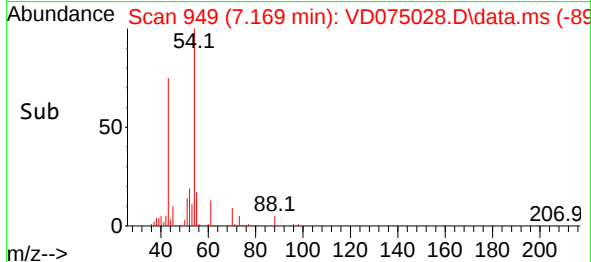
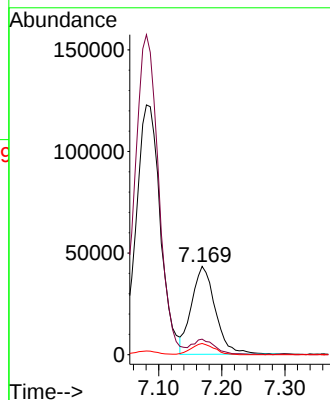
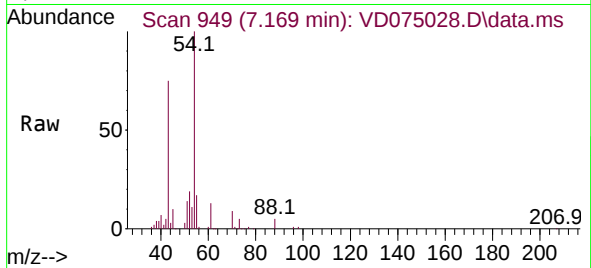




#37
Ethyl Acetate
Concen: 128.038 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

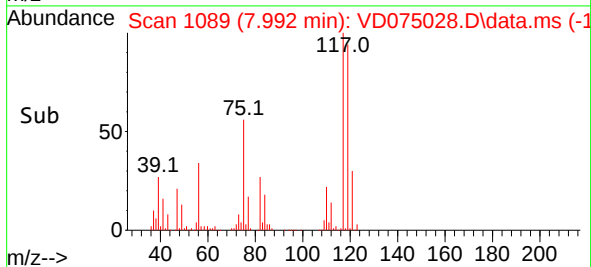
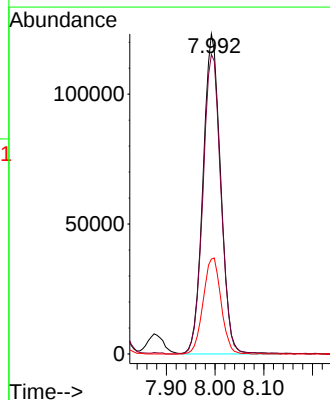
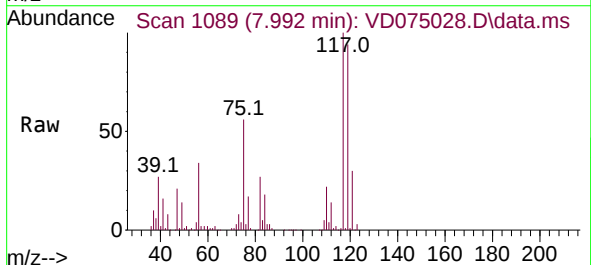
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

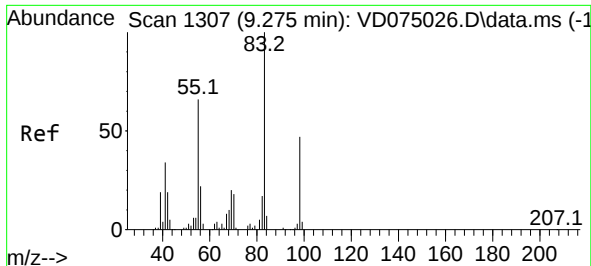
Tgt Ion: 43 Resp: 113036
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 12.3 10.2 15.4



#38
Carbon Tetrachloride
Concen: 153.616 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 117 Resp: 309138
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.6
121 29.7 25.4 38.0





#39

Methylcyclohexane

Concen: 153.727 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

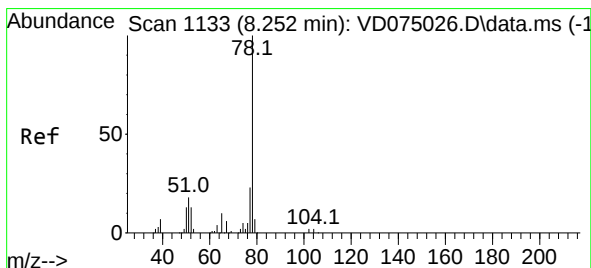
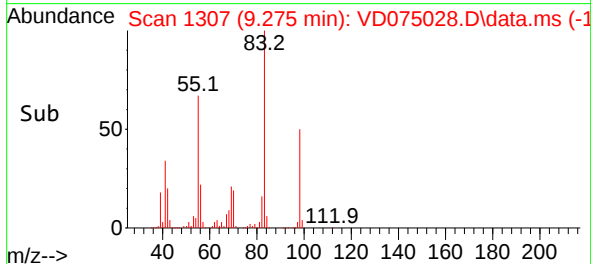
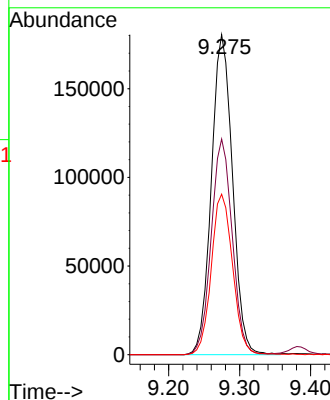
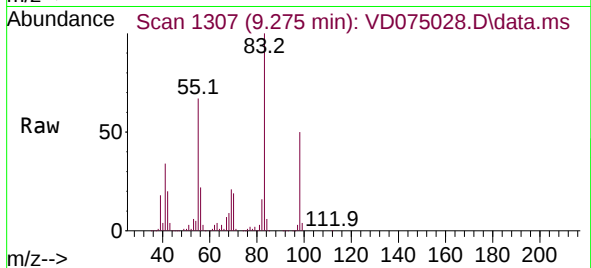
Tgt Ion: 83 Resp: 372806

Ion Ratio Lower Upper

83 100

55 67.4 53.1 79.7

98 50.1 37.5 56.3



#40

Benzene

Concen: 147.534 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075028.D

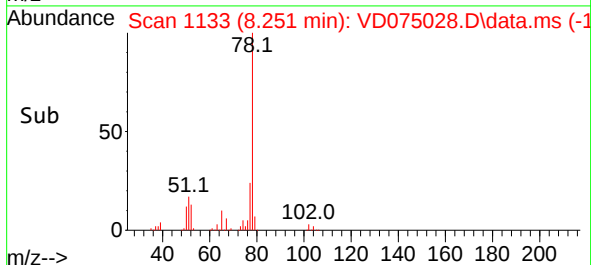
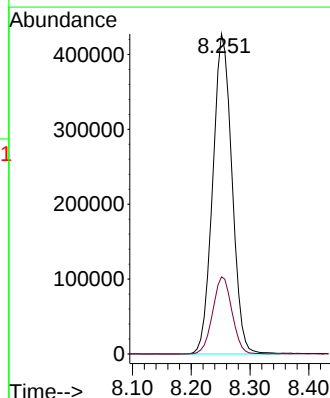
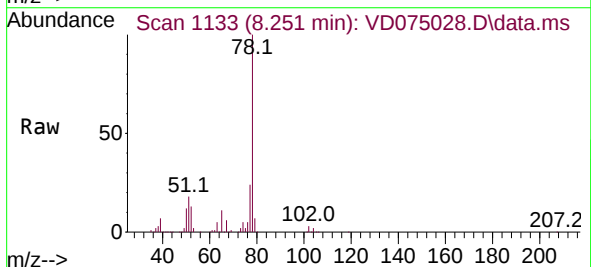
Acq: 15 Dec 2022 15:04

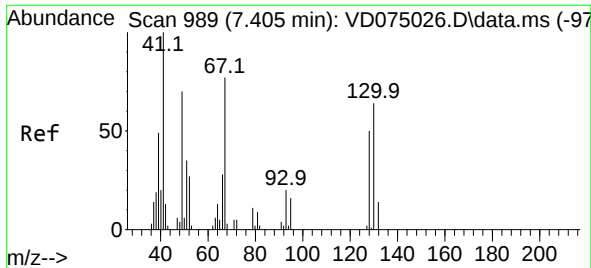
Tgt Ion: 78 Resp: 970742

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8

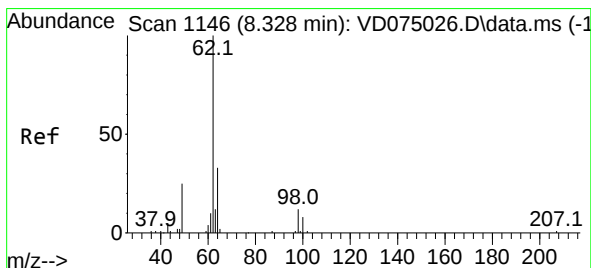
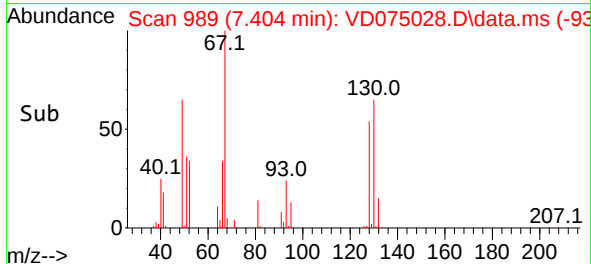
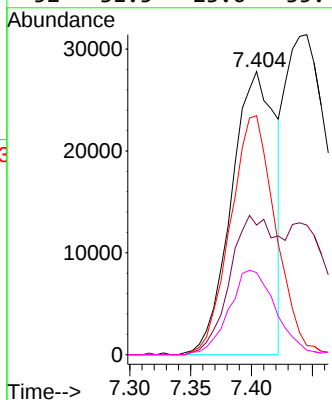
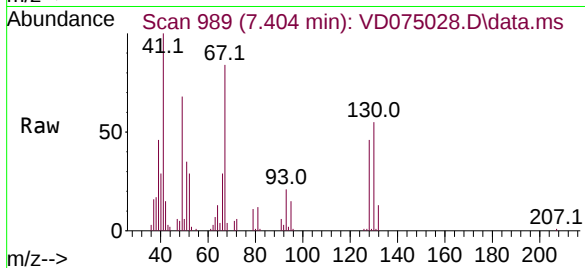




#41
Methacrylonitrile
Concen: 143.840 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

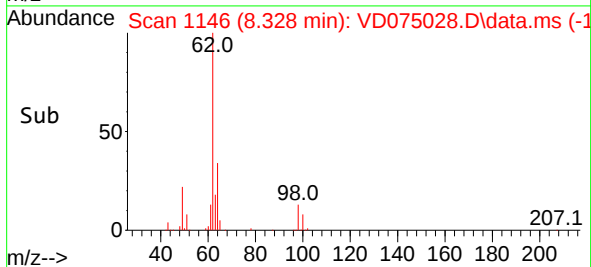
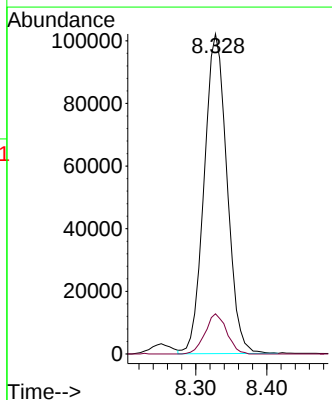
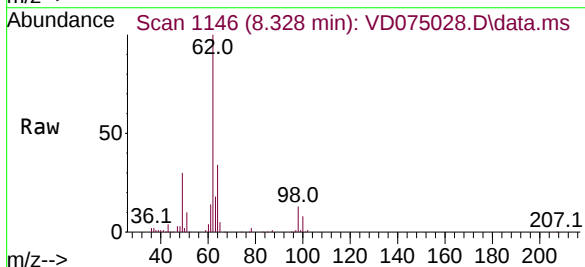
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

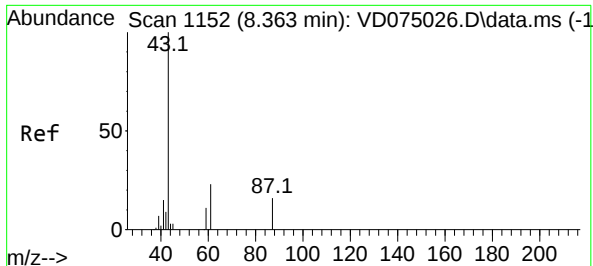
Tgt Ion: 41 Resp: 70139
Ion Ratio Lower Upper
41 100
39 56.2 44.8 67.2
67 86.9 69.6 104.4
52 31.5 23.6 35.4



#42
1,2-Dichloroethane
Concen: 140.325 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 62 Resp: 227646
Ion Ratio Lower Upper
62 100
98 11.9 0.0 23.4

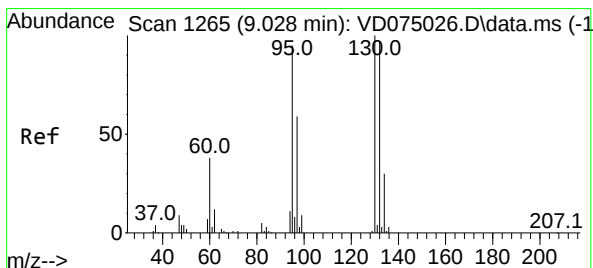
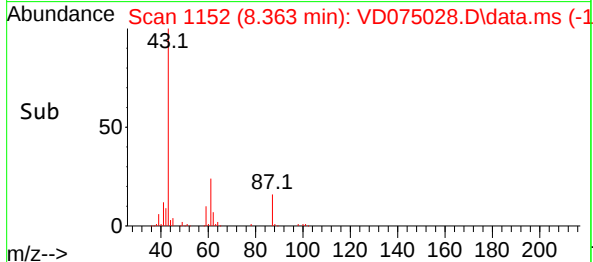
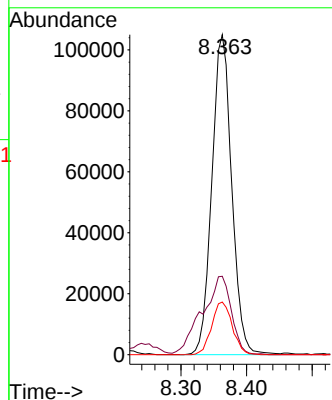
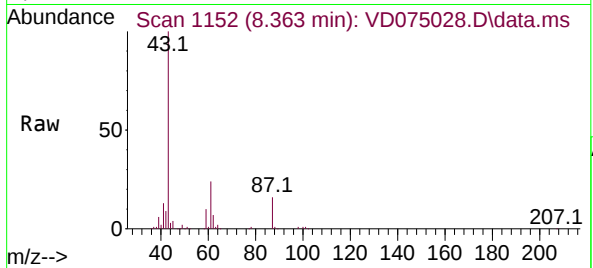




#43
Isopropyl Acetate
Concen: 149.031 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

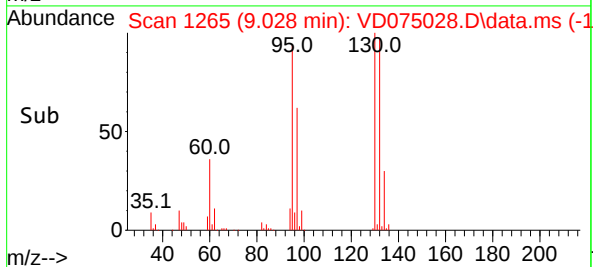
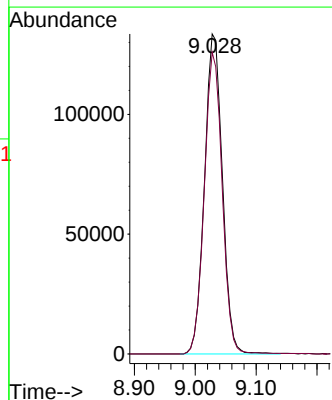
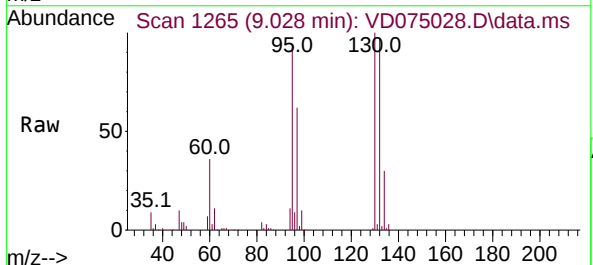
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

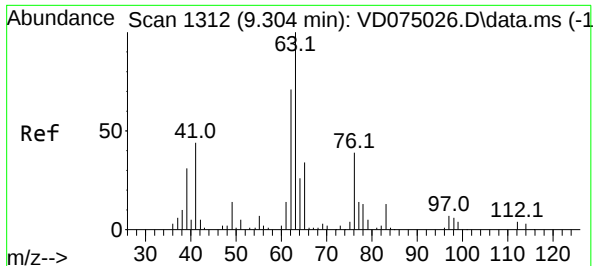
Tgt Ion: 43 Resp: 220795
Ion Ratio Lower Upper
43 100
61 36.0 28.2 42.4
87 17.0 13.6 20.4



#44
Trichloroethene
Concen: 147.963 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 130 Resp: 272571
Ion Ratio Lower Upper
130 100
95 94.3 0.0 190.0





#45

1,2-Dichloropropane

Concen: 147.315 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

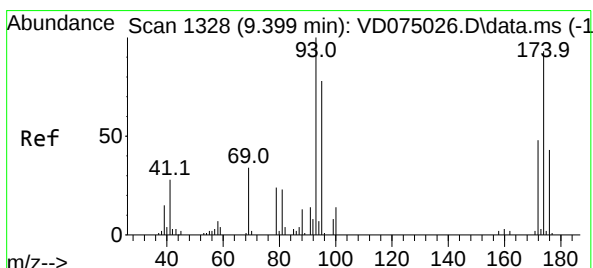
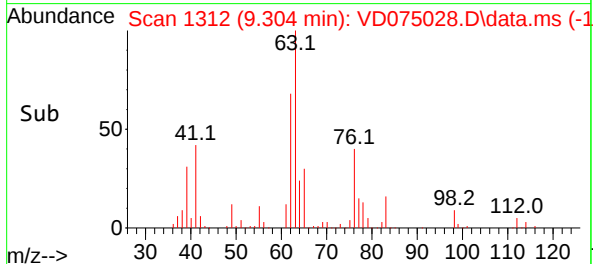
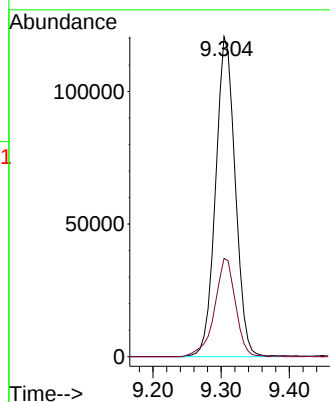
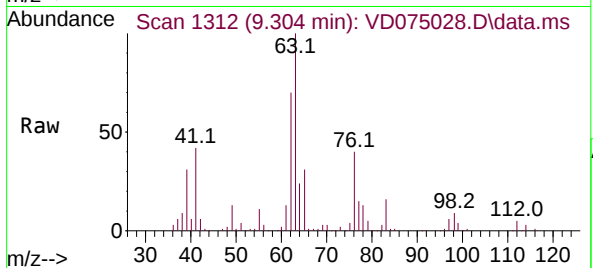
VSTDIC150

Tgt Ion: 63 Resp: 242010

Ion Ratio Lower Upper

63 100

65 30.7 27.0 40.6



#46

Dibromomethane

Concen: 143.884 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

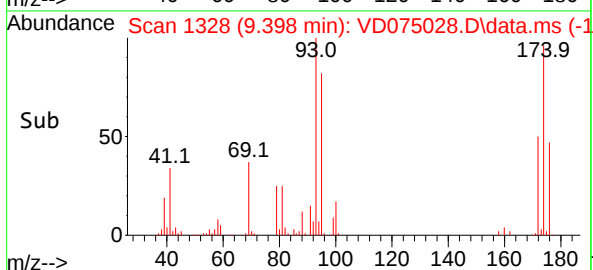
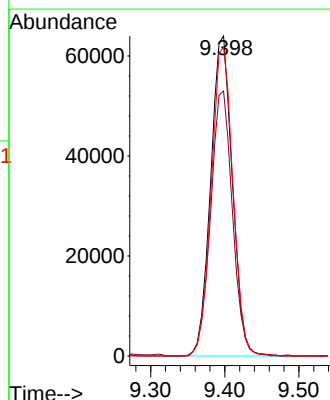
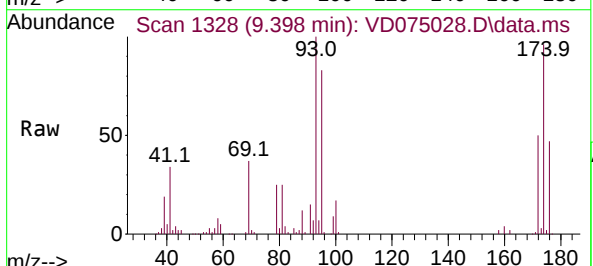
Tgt Ion: 93 Resp: 129702

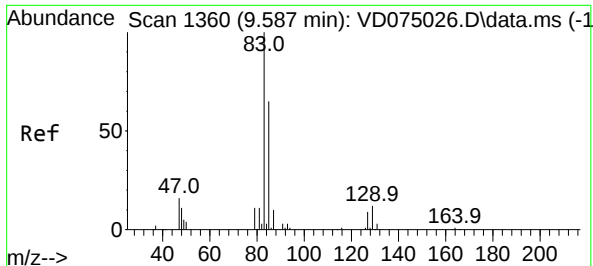
Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

174 96.8 74.7 112.1





#47

Bromodichloromethane

Concen: 146.910 ug/l

RT: 9.586 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

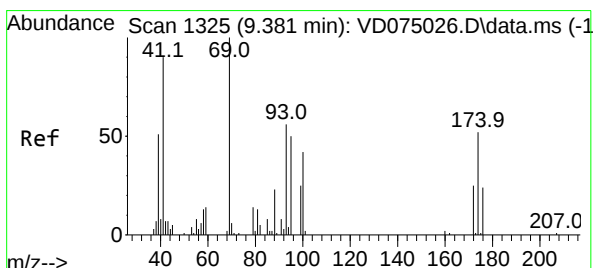
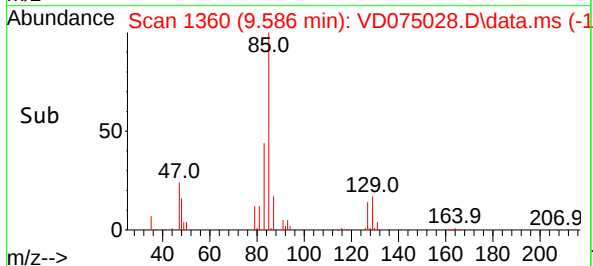
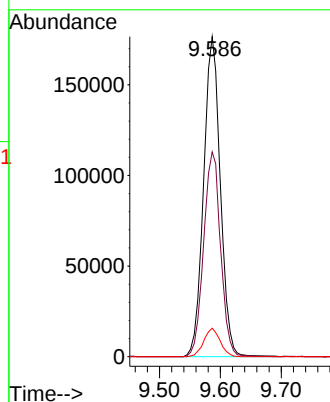
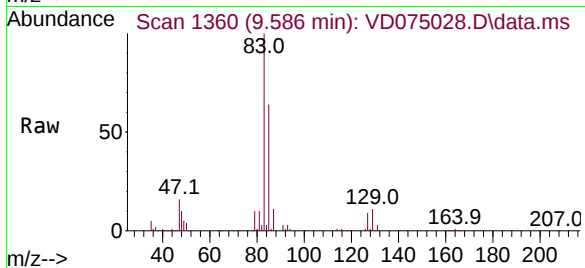
Tgt Ion: 83 Resp: 337519

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

127 8.9 7.2 10.8



#48

Methyl methacrylate

Concen: 151.611 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

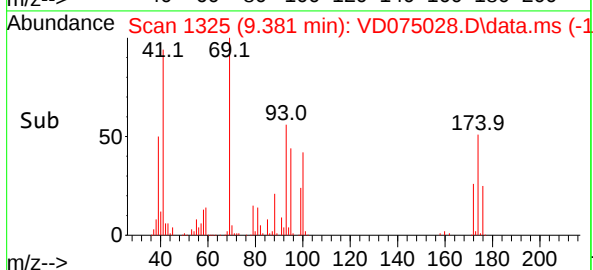
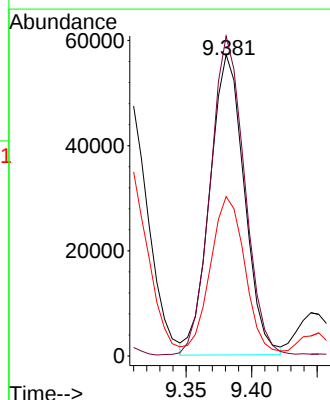
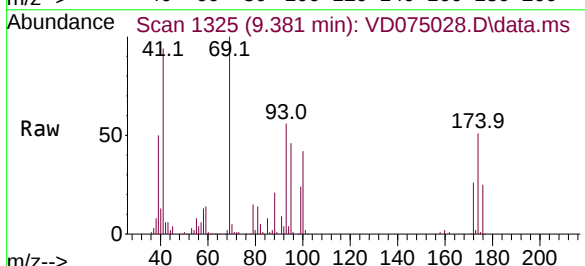
Tgt Ion: 41 Resp: 104649

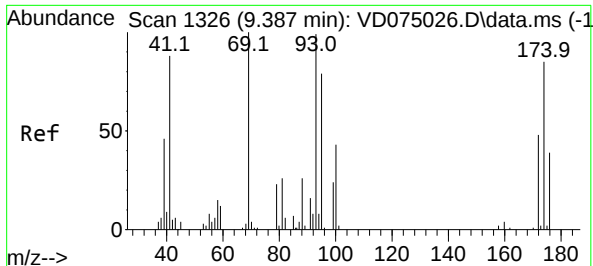
Ion Ratio Lower Upper

41 100

69 107.0 84.8 127.2

39 53.6 43.6 65.4





#49

1,4-Dioxane

Concen: 3134.300 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

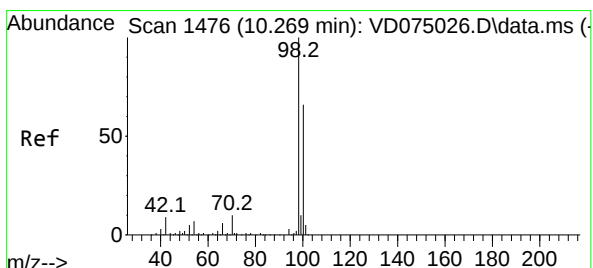
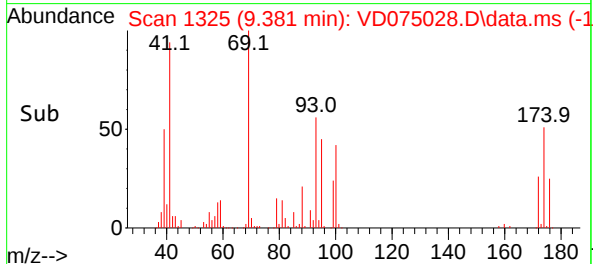
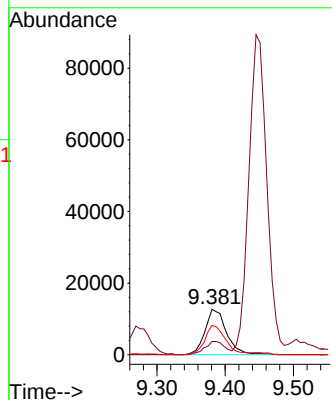
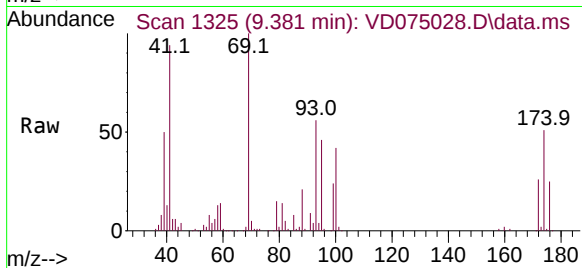
Tgt Ion: 88 Resp: 27784

Ion Ratio Lower Upper

88 100

43 27.7 23.9 35.9

58 61.6 48.4 72.6



#50

Toluene-d8

Concen: 153.181 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075028.D

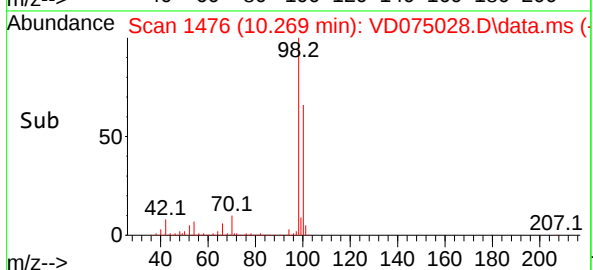
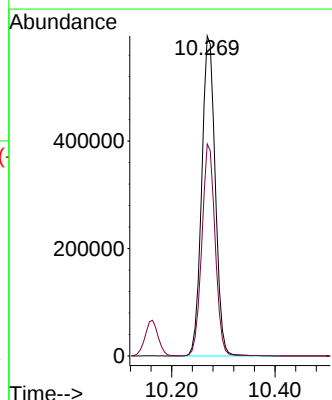
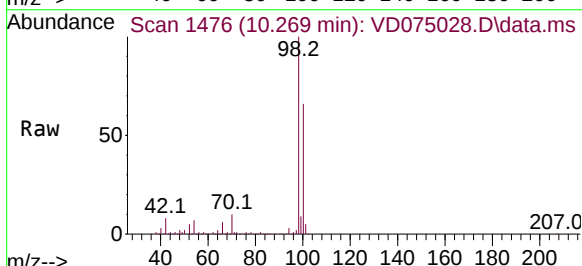
Acq: 15 Dec 2022 15:04

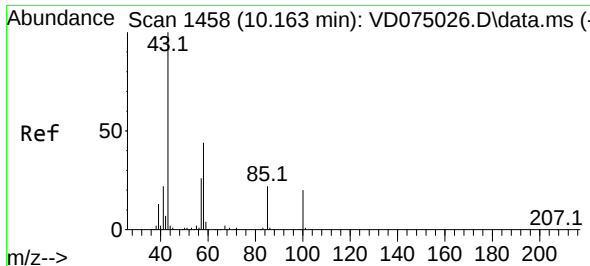
Tgt Ion: 98 Resp: 1081311

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

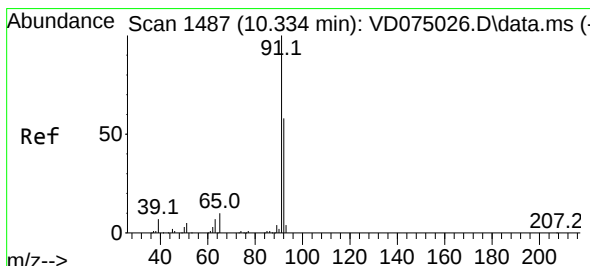
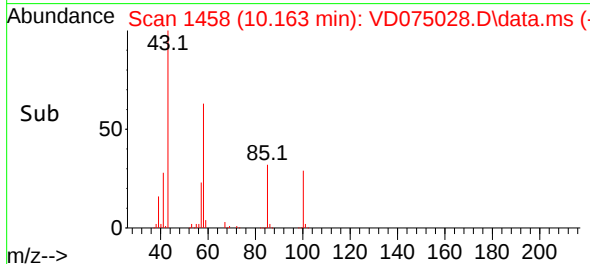
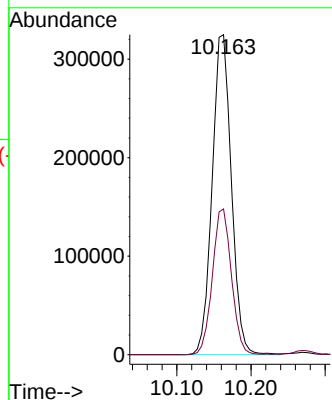
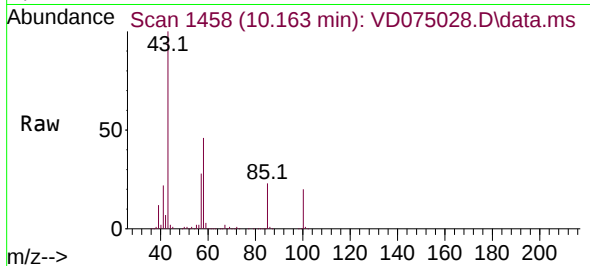




#51
4-Methyl-2-Pentanone
Concen: 758.195 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

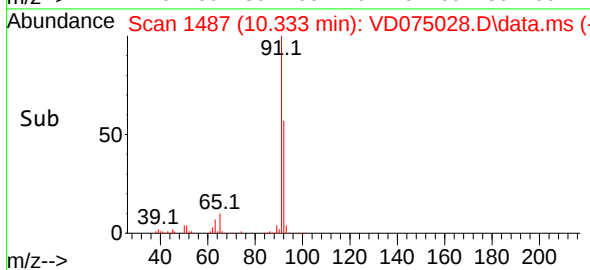
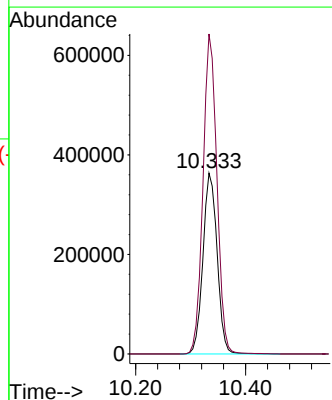
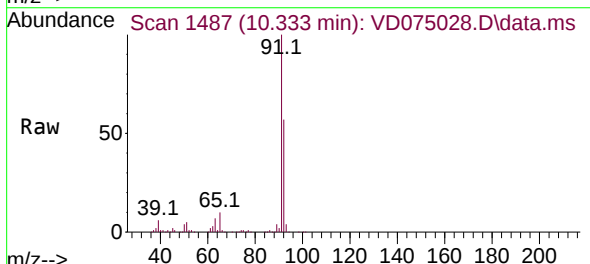
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

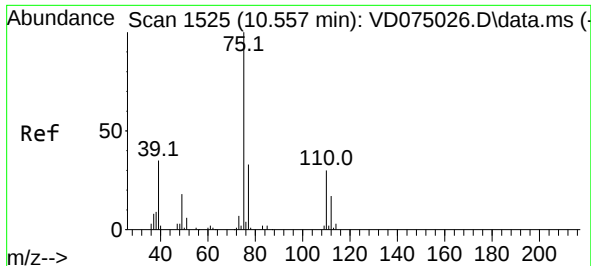
Tgt Ion: 43 Resp: 585080
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5



#52
Toluene
Concen: 150.375 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 92 Resp: 650003
Ion Ratio Lower Upper
92 100
91 173.8 139.3 208.9

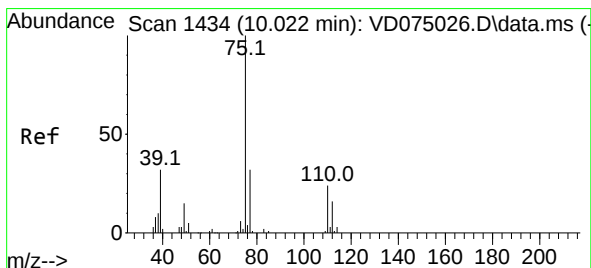
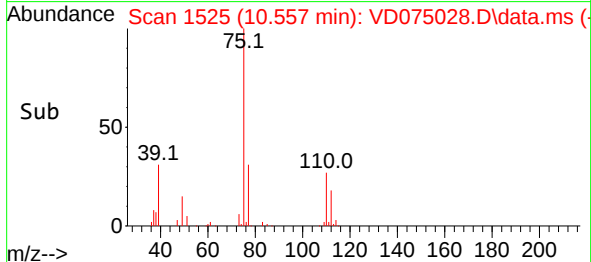
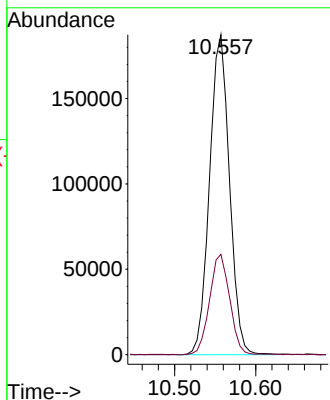
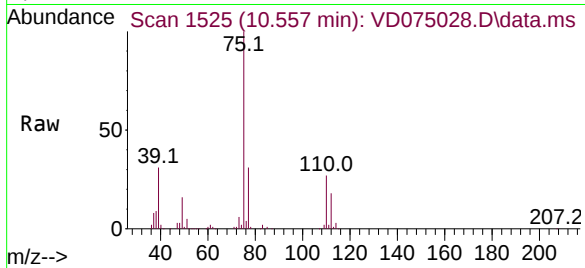




#53
t-1,3-Dichloropropene
Concen: 159.607 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

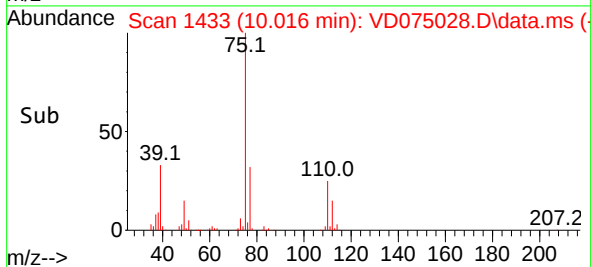
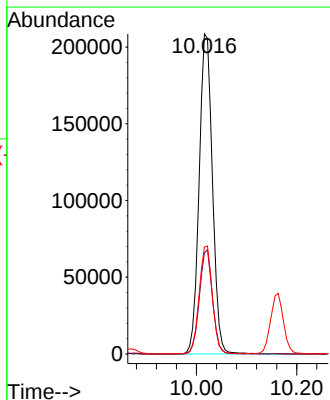
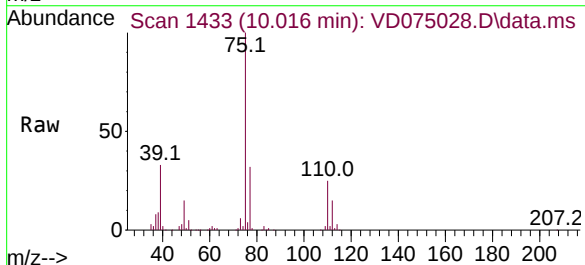
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

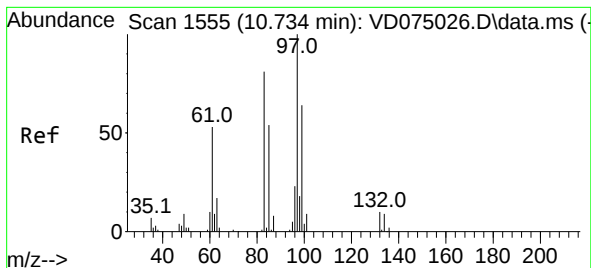
Tgt Ion: 75 Resp: 319435
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 154.594 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 75 Resp: 384041
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 33.3 25.7 38.5





#55

1,1,2-Trichloroethane

Concen: 145.483 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 188939

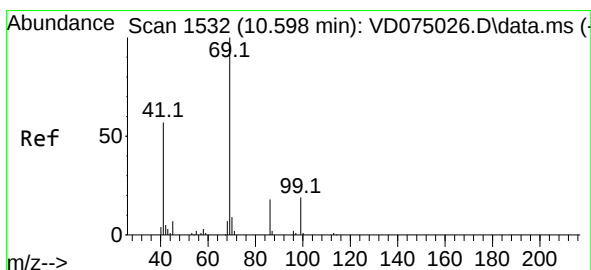
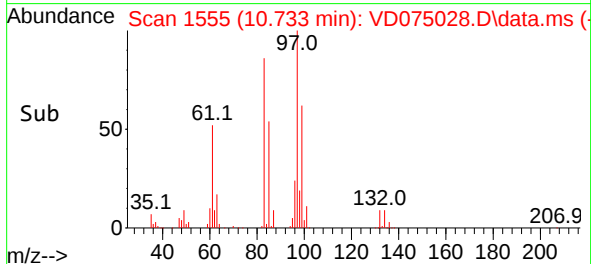
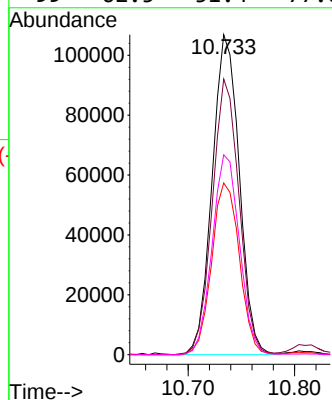
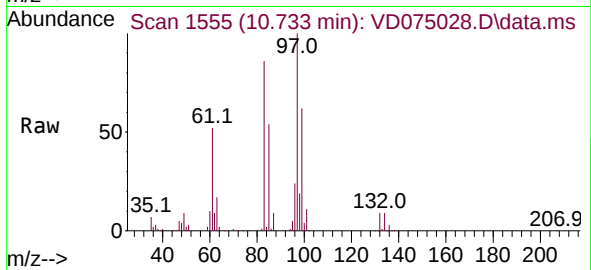
Ion Ratio Lower Upper

97 100

83 85.9 65.1 97.7

85 53.6 43.3 64.9

99 62.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 159.197 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

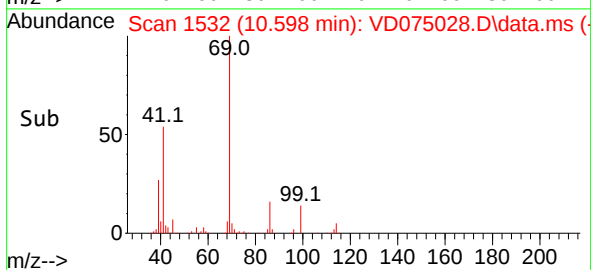
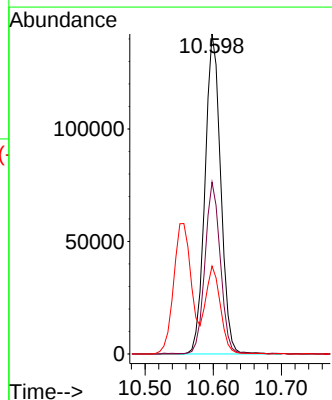
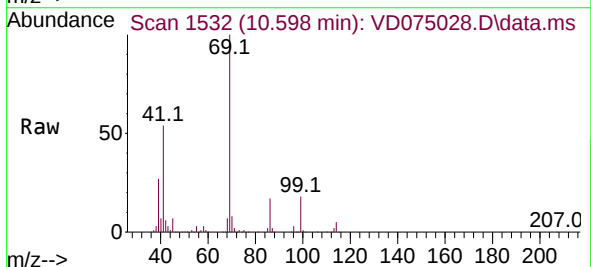
Tgt Ion: 69 Resp: 228098

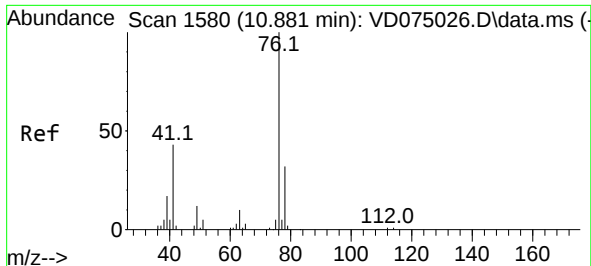
Ion Ratio Lower Upper

69 100

41 52.1 42.2 63.4

39 25.7 20.2 30.4





#57

1,3-Dichloropropane

Concen: 147.024 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

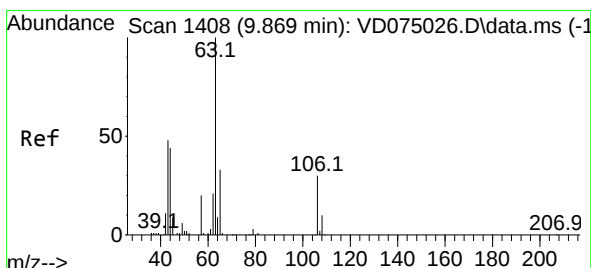
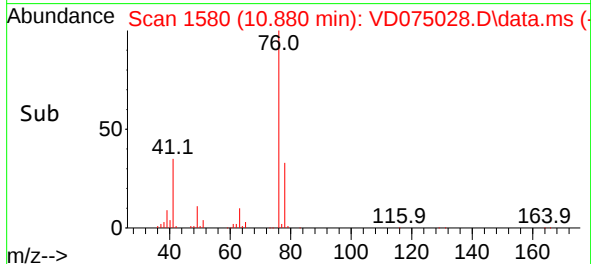
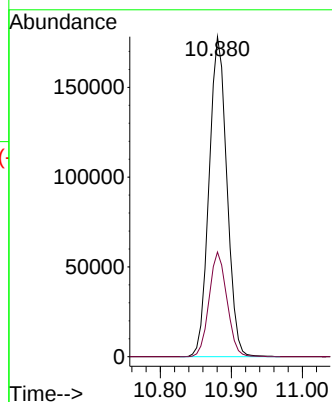
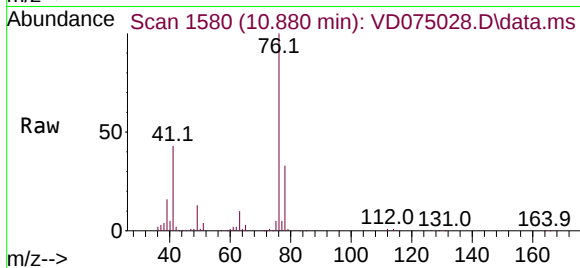
VSTDIC150

Tgt Ion: 76 Resp: 310781

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 873.915 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075028.D

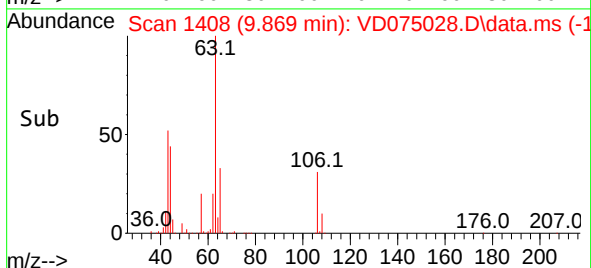
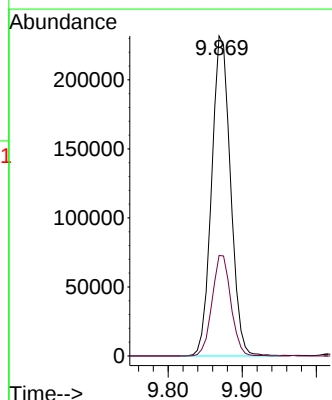
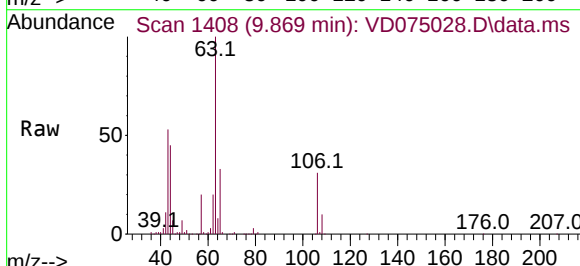
Acq: 15 Dec 2022 15:04

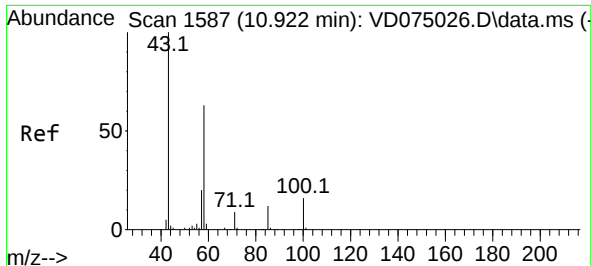
Tgt Ion: 63 Resp: 410125

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9

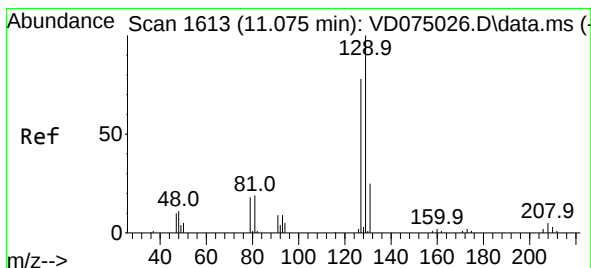
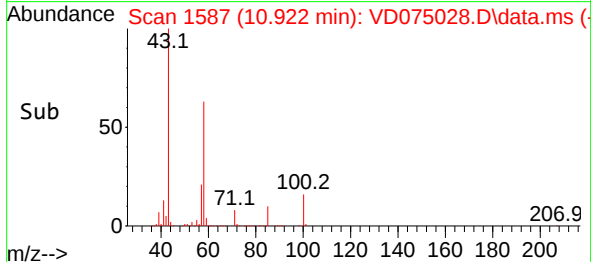
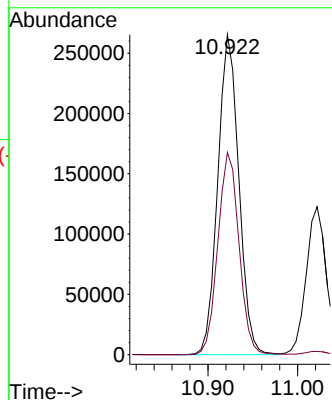
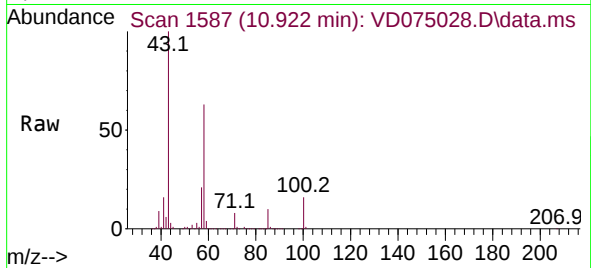




#59
2-Hexanone
Concen: 778.448 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

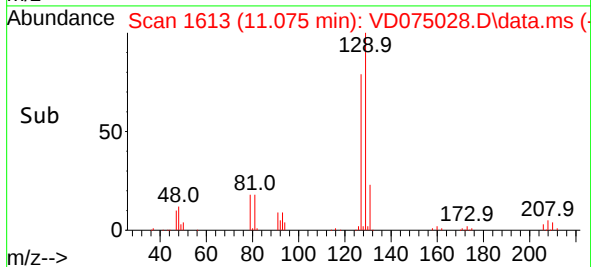
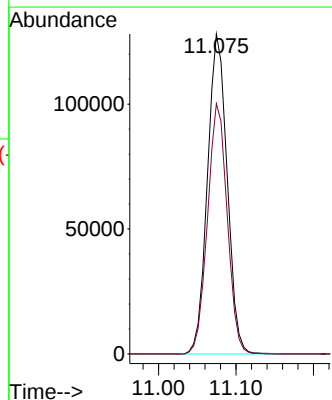
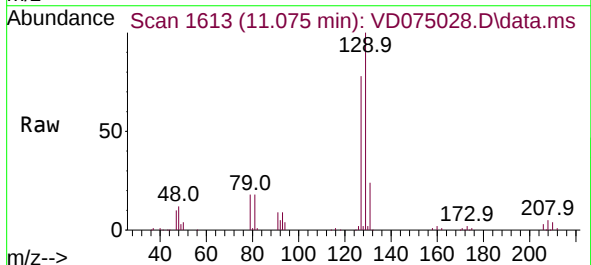
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

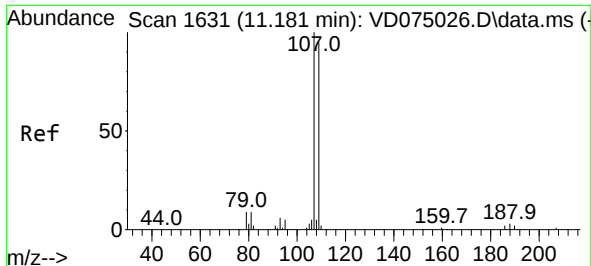
Tgt Ion: 43 Resp: 432577
Ion Ratio Lower Upper
43 100
58 63.4 30.8 92.4



#60
Dibromochloromethane
Concen: 148.551 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 129 Resp: 225791
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3

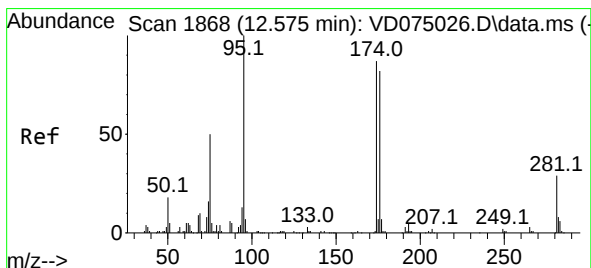
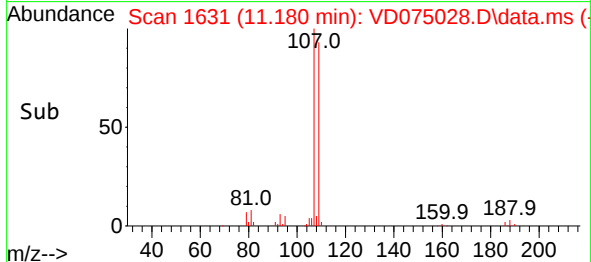
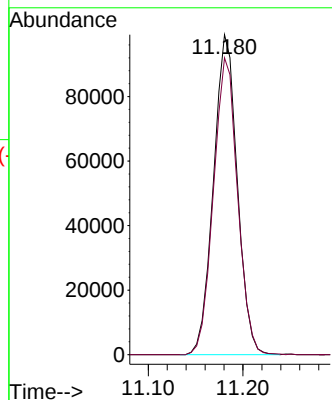
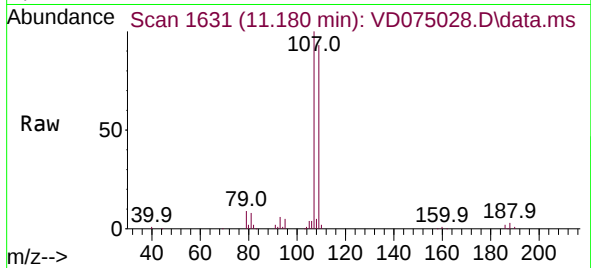




#61
1,2-Dibromoethane
Concen: 146.440 ug/l
RT: 11.180 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

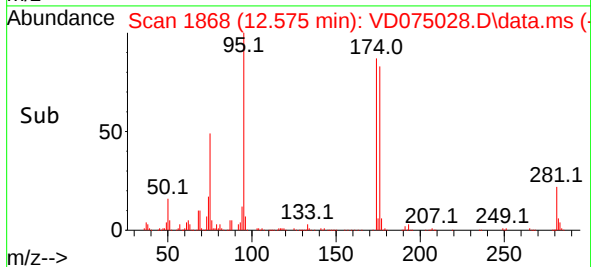
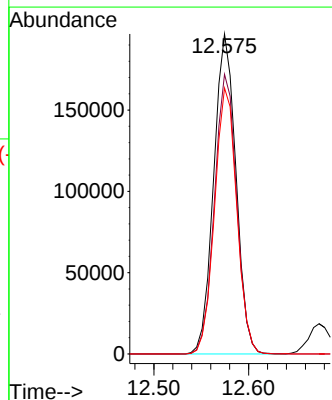
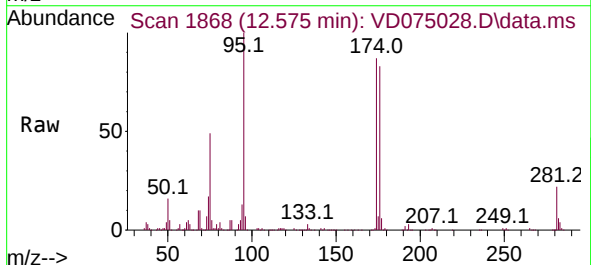
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

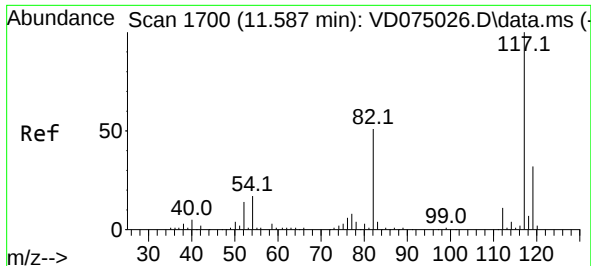
Tgt Ion:107 Resp: 172887
Ion Ratio Lower Upper
107 100
109 94.1 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 154.674 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 95 Resp: 320193
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.2
176 83.1 0.0 165.0

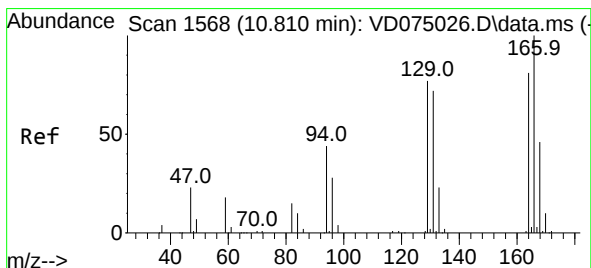
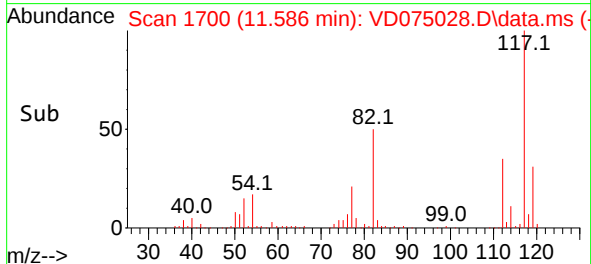
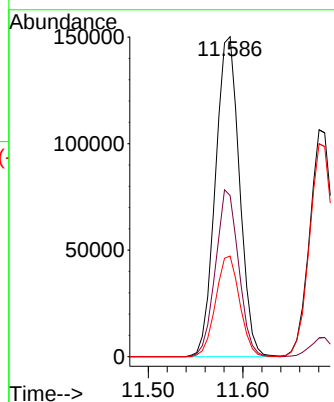
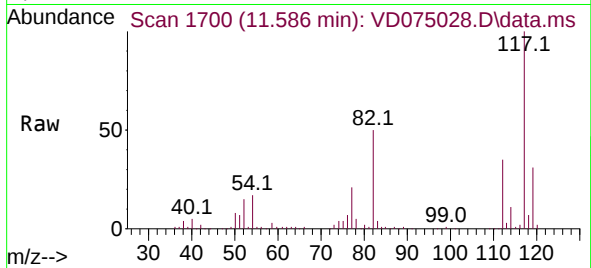




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

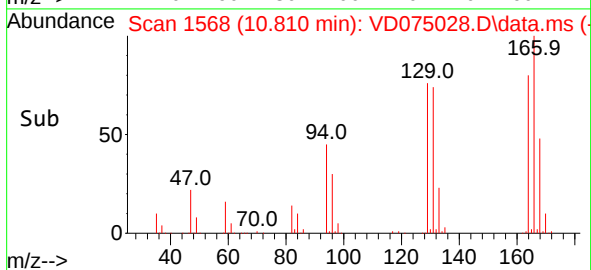
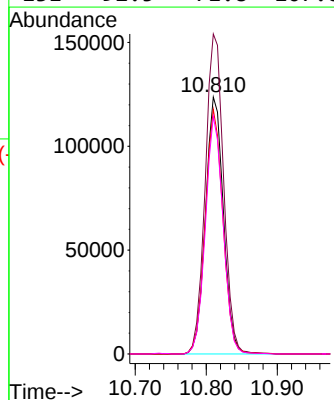
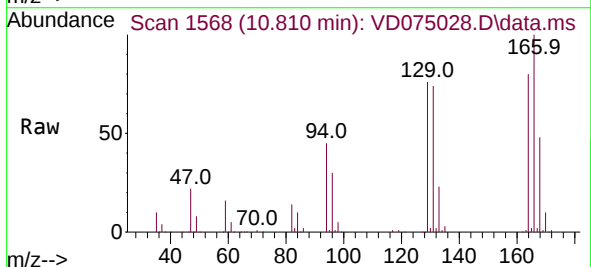
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

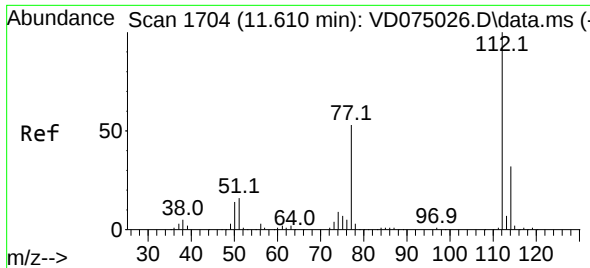
Tgt Ion:117 Resp: 265754
Ion Ratio Lower Upper
117 100
82 50.4 40.9 61.3
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 138.950 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:164 Resp: 217694
Ion Ratio Lower Upper
164 100
166 124.5 99.4 149.0
129 95.1 76.7 115.1
131 92.5 71.8 107.8

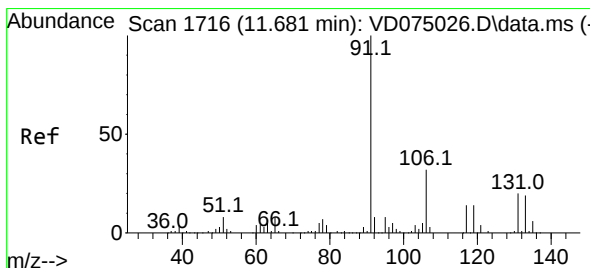
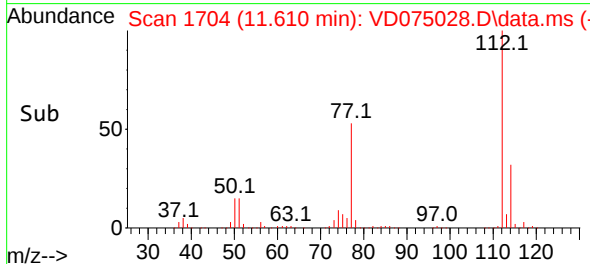
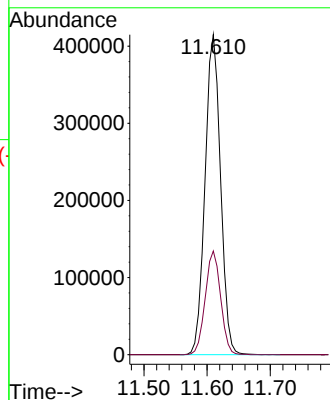
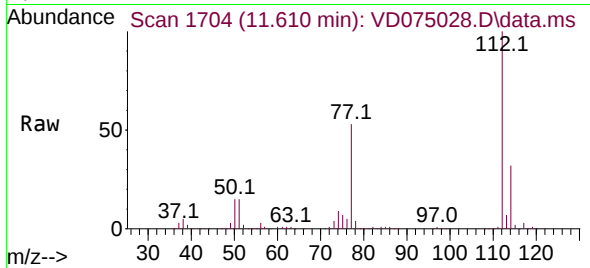




#65
Chlorobenzene
Concen: 147.402 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

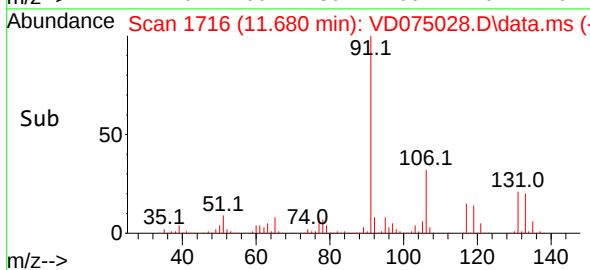
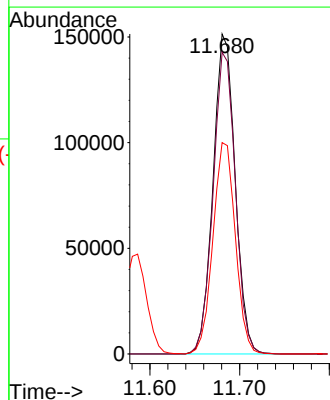
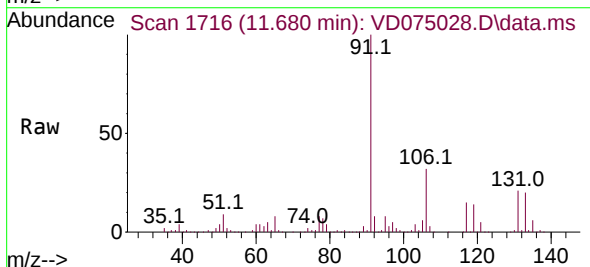
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

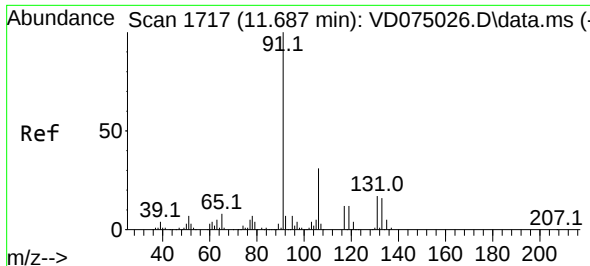
Tgt Ion:112 Resp: 705878
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 150.827 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:131 Resp: 258926
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.6
119 67.2 34.2 102.5

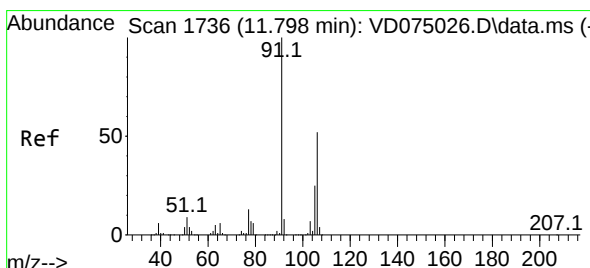
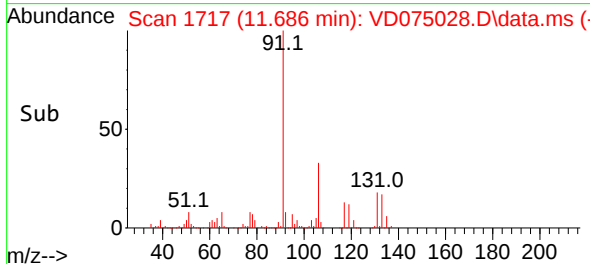
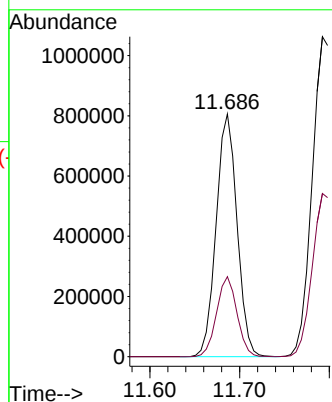
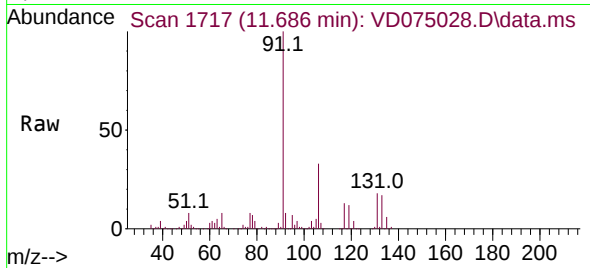




#67
Ethyl Benzene
Concen: 156.222 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

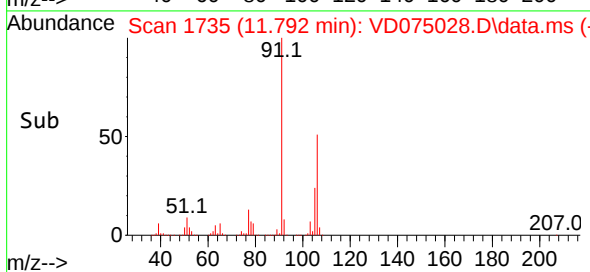
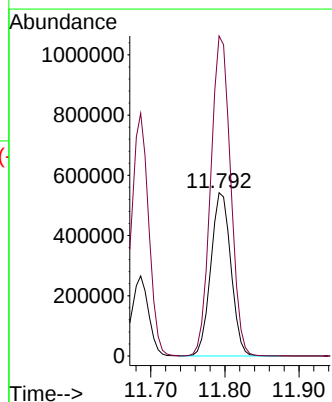
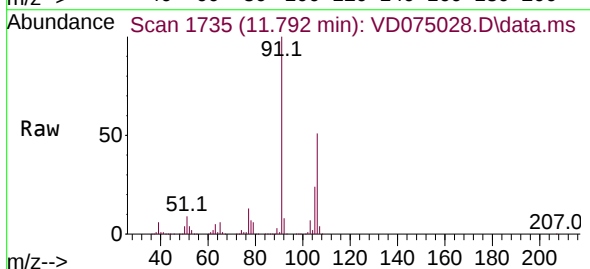
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

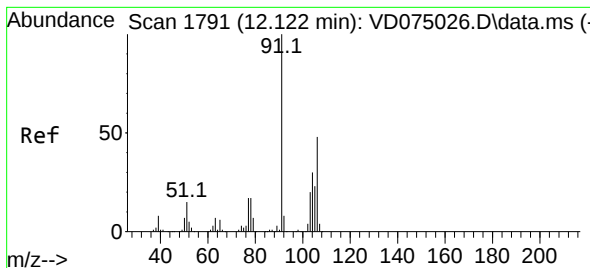
Tgt Ion: 91 Resp: 1302754
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 312.653 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 106 Resp: 1019534
Ion Ratio Lower Upper
106 100
91 194.9 156.3 234.5

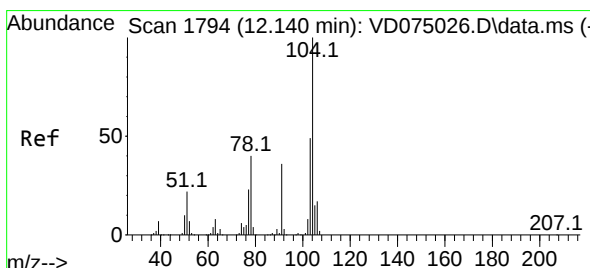
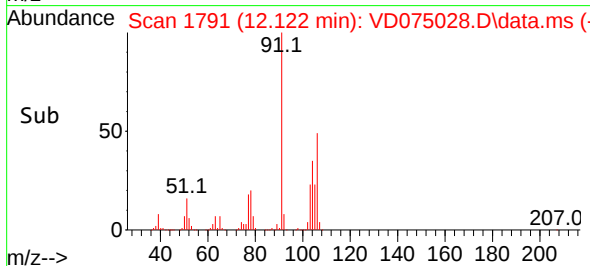
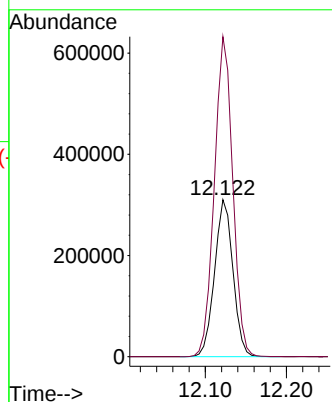
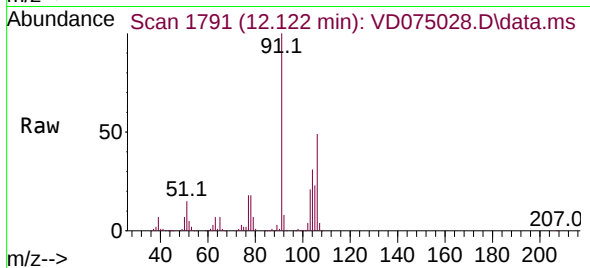




#69
o-Xylene
Concen: 159.142 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

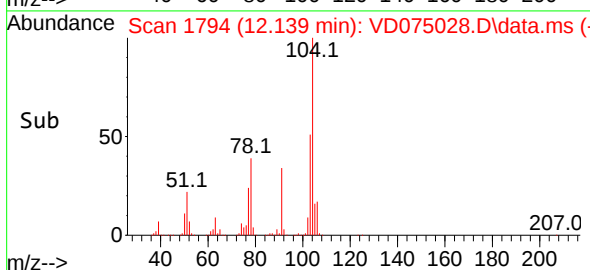
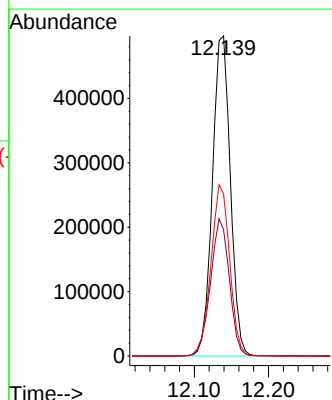
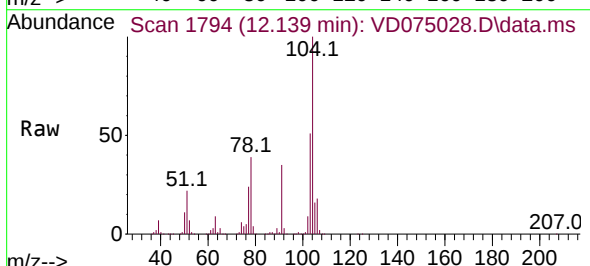
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

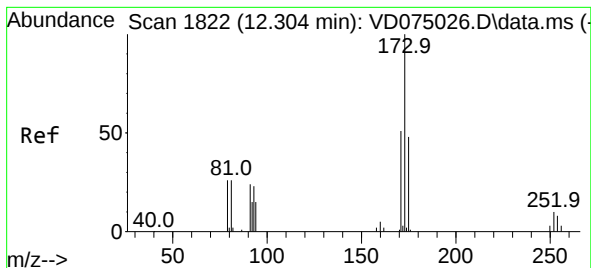
Tgt Ion:106 Resp: 488098
Ion Ratio Lower Upper
106 100
91 204.4 102.7 308.1



#70
Styrene
Concen: 157.550 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:104 Resp: 835625
Ion Ratio Lower Upper
104 100
78 45.0 35.5 53.3
103 55.7 43.9 65.9





#71

Bromoform

Concen: 147.378 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

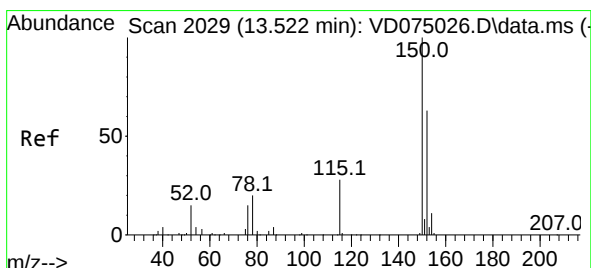
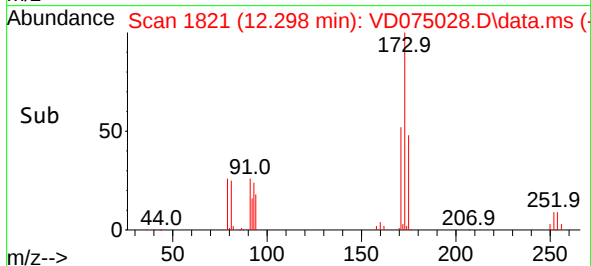
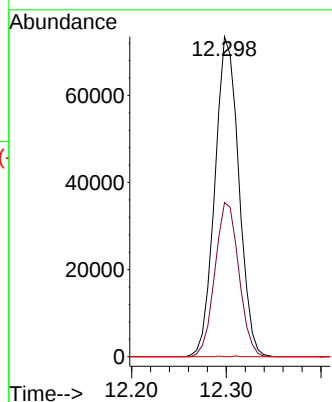
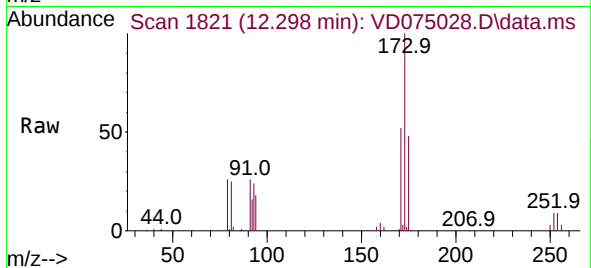
Tgt Ion:173 Resp: 129012

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

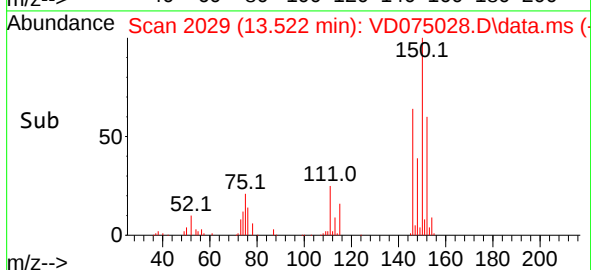
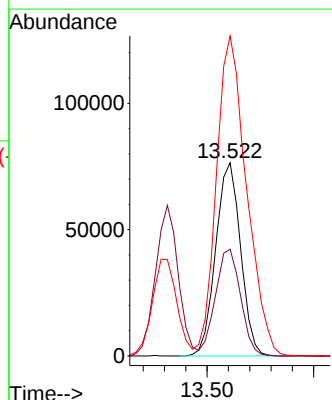
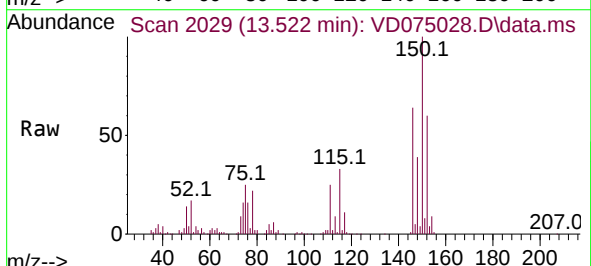
Tgt Ion:152 Resp: 123817

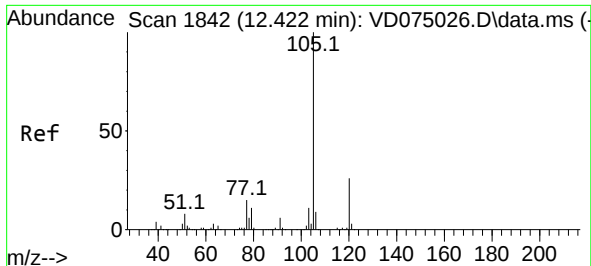
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 200.9 0.0 354.2

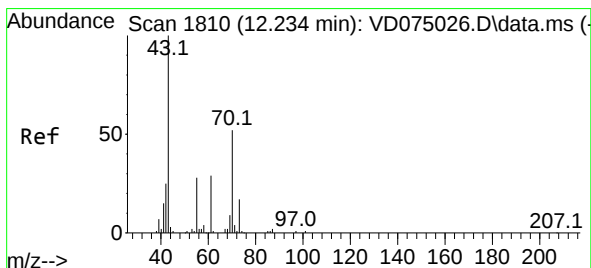
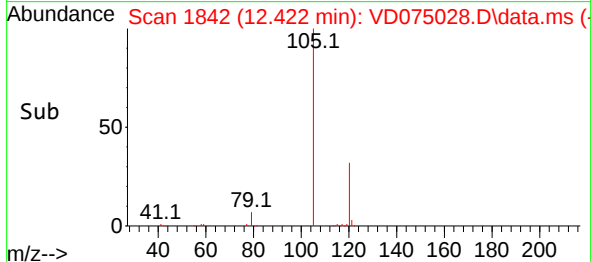
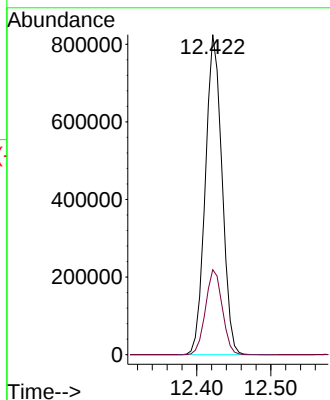
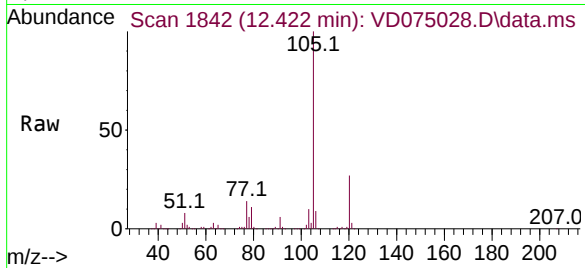




#73
Isopropylbenzene
Concen: 158.596 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

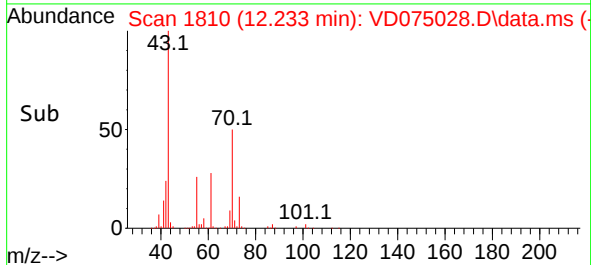
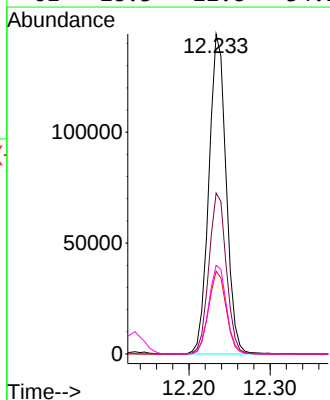
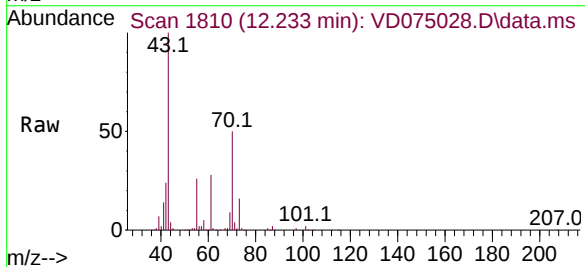
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

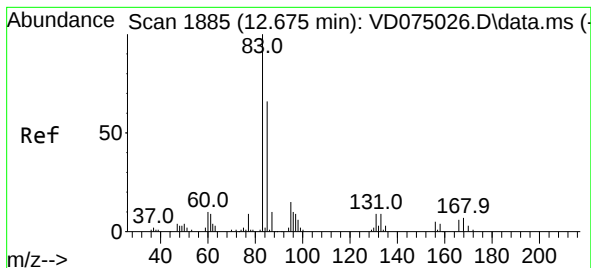
Tgt Ion:105 Resp: 1285061
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 154.293 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 43 Resp: 213130
Ion Ratio Lower Upper
43 100
70 50.7 40.6 60.8
55 26.3 22.0 33.0
61 28.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 141.900 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

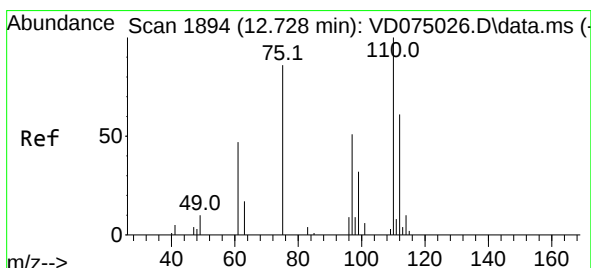
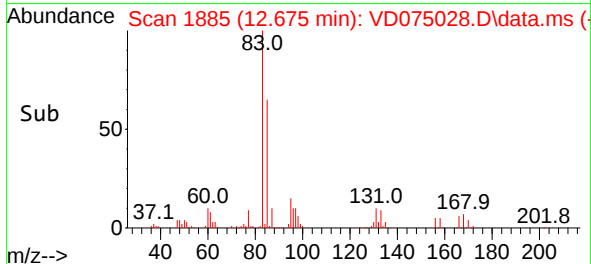
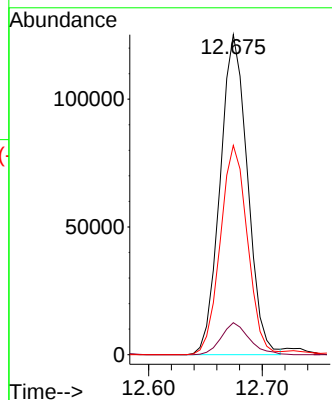
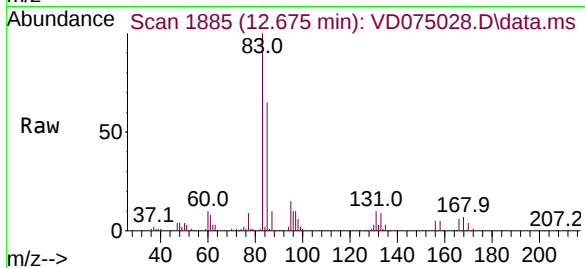
Tgt Ion: 83 Resp: 209819

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 64.9 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 161.524 ug/l

RT: 12.727 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075028.D

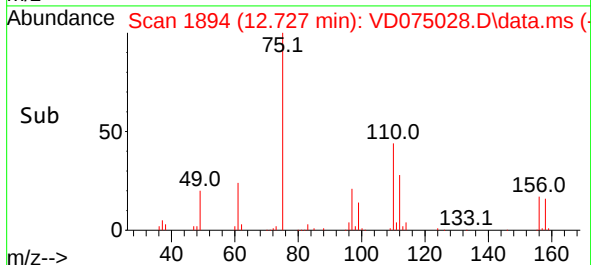
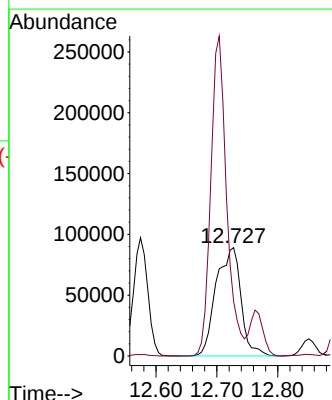
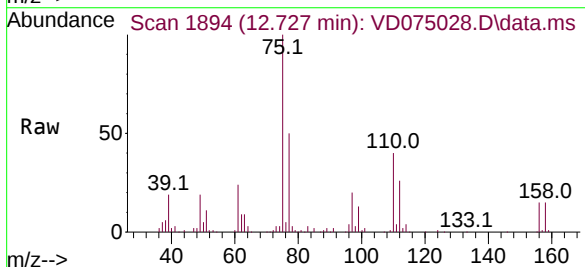
Acq: 15 Dec 2022 15:04

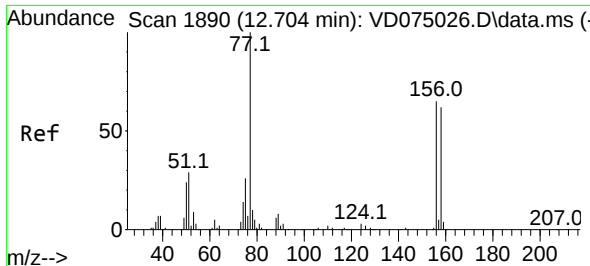
Tgt Ion: 75 Resp: 252576

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

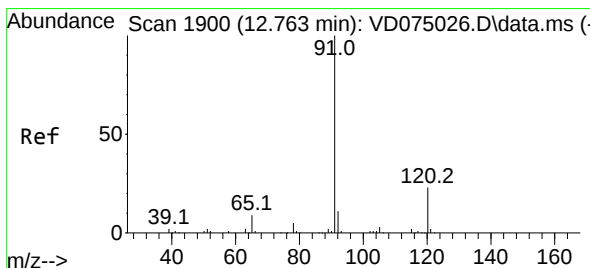
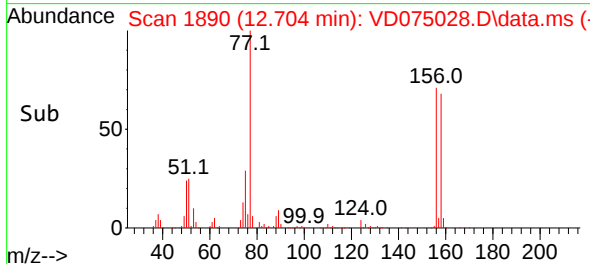
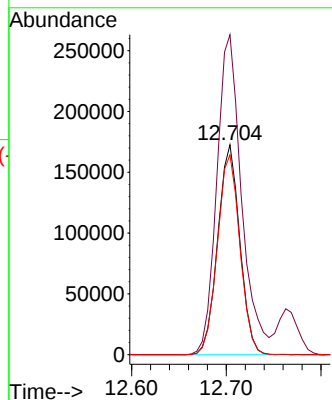
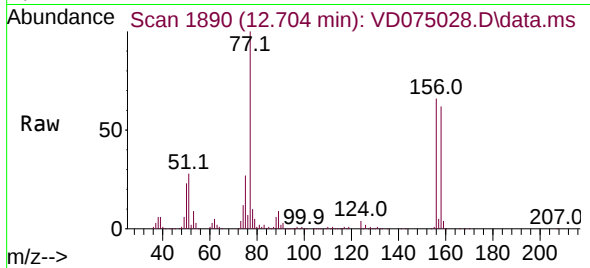




#77
Bromobenzene
Concen: 151.627 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

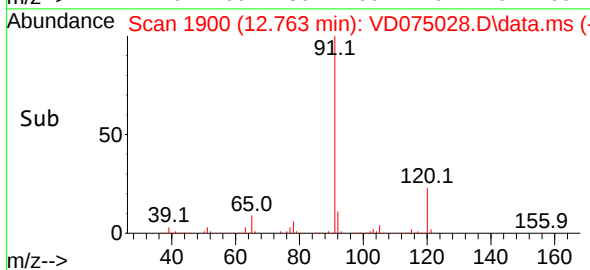
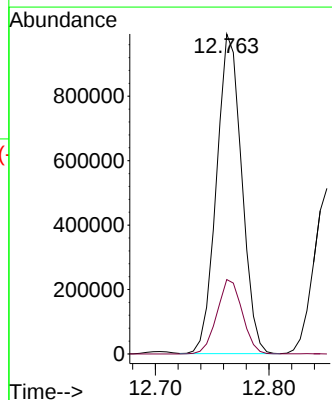
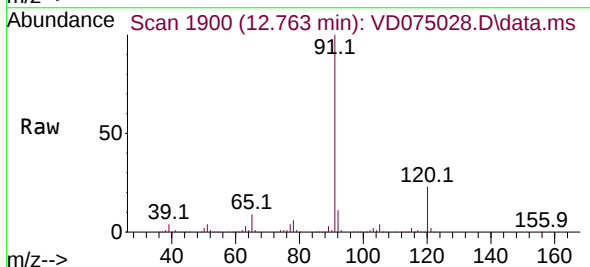
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

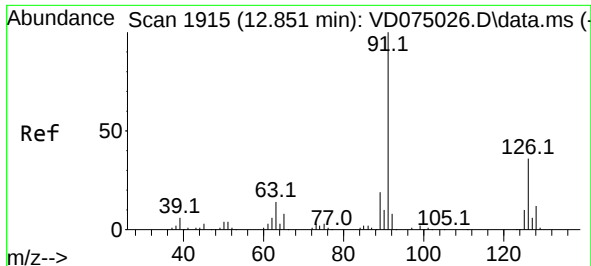
Tgt Ion:156 Resp: 279809
Ion Ratio Lower Upper
156 100
77 170.7 86.3 258.9
158 96.8 48.3 144.9



#78
n-propylbenzene
Concen: 154.614 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 91 Resp: 1531444
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7

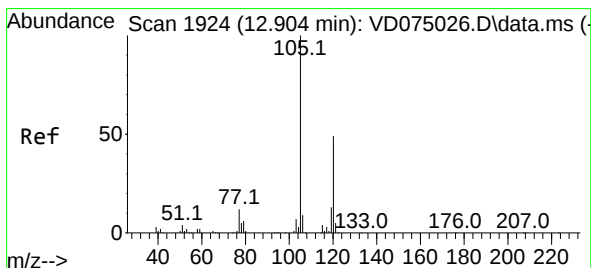
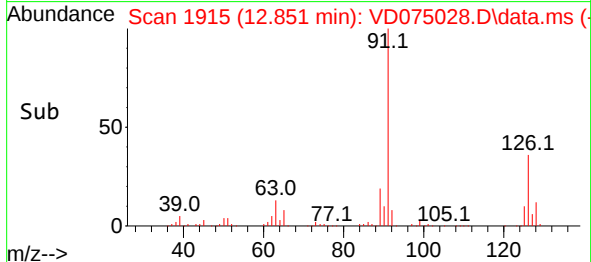
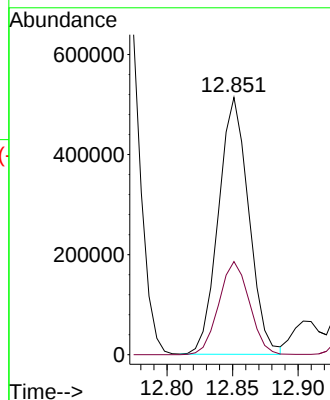
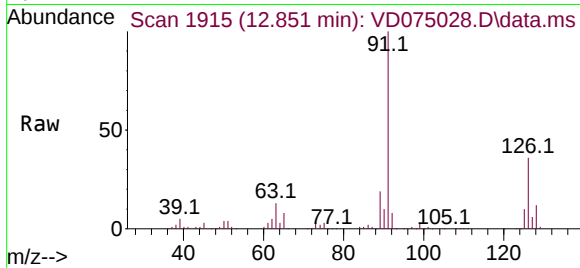




#79
2-Chlorotoluene
Concen: 151.861 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

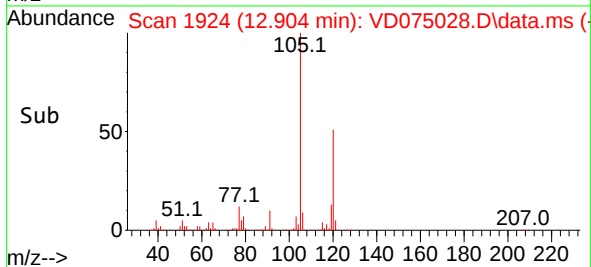
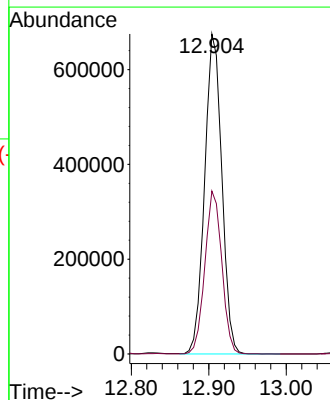
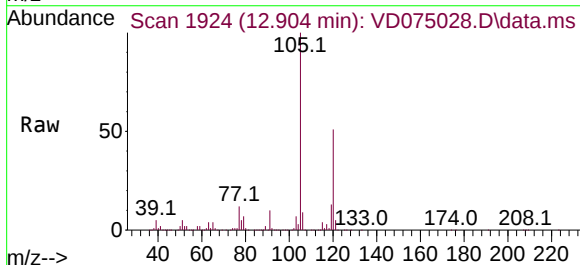
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

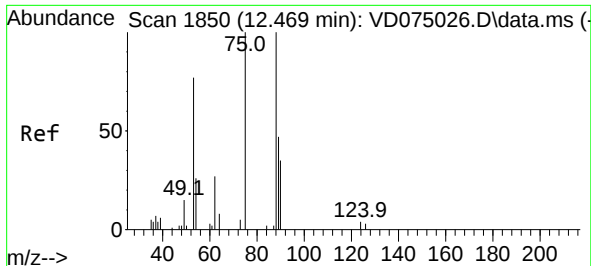
Tgt Ion: 91 Resp: 828560
Ion Ratio Lower Upper
91 100
126 36.4 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 154.780 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 105 Resp: 1041108
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3

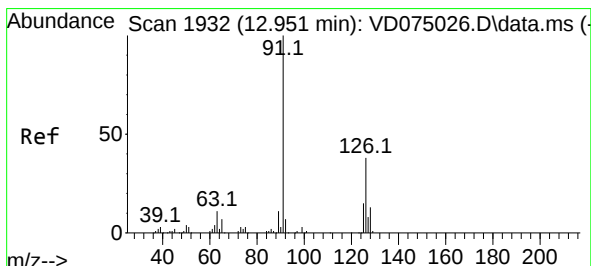
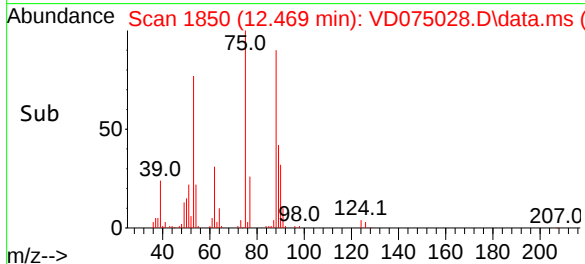
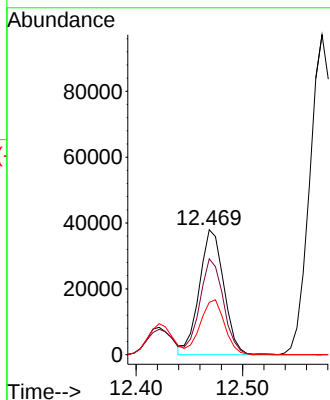
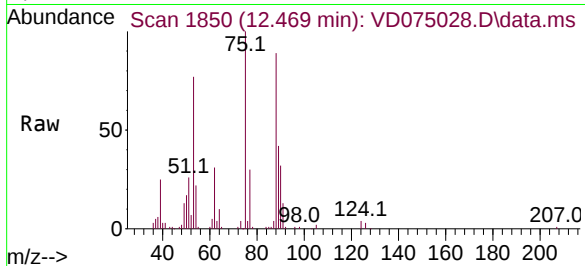




#81
trans-1,4-Dichloro-2-butene
Concen: 158.108 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

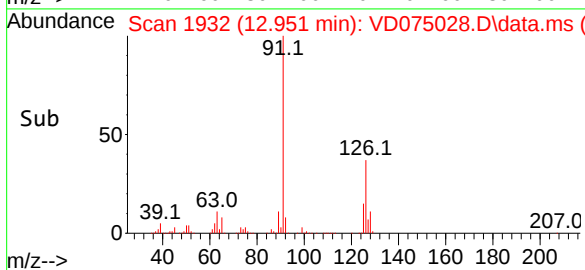
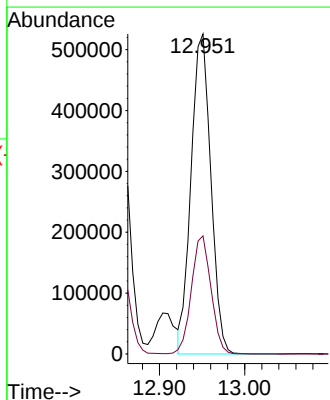
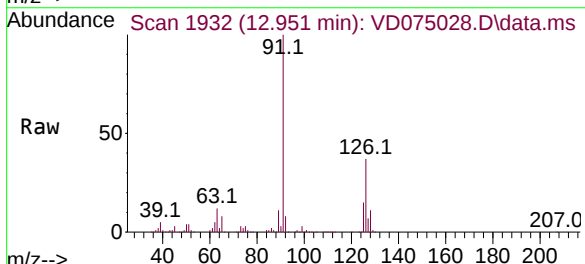
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

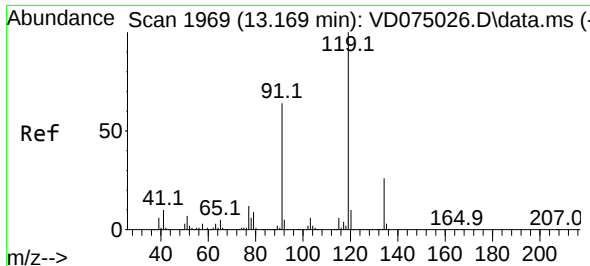
Tgt Ion: 75 Resp: 60900
Ion Ratio Lower Upper
75 100
53 73.6 60.0 90.0
89 43.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 149.948 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 91 Resp: 846869
Ion Ratio Lower Upper
91 100
126 36.6 18.1 54.1

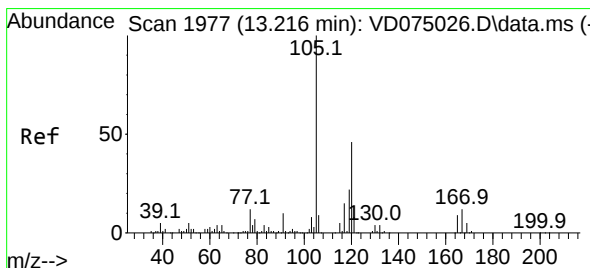
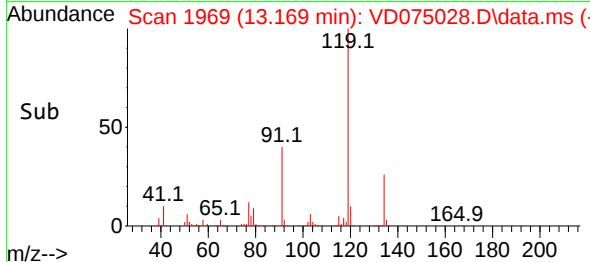
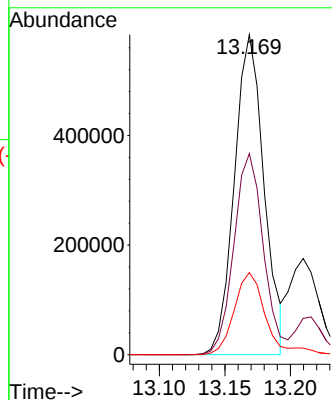
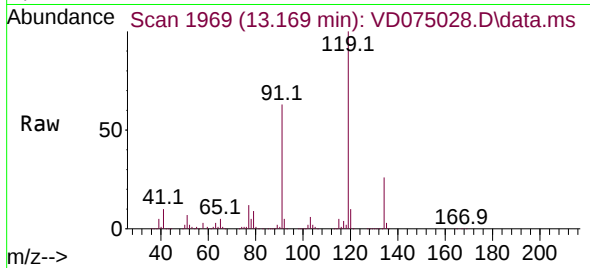




#83
tert-Butylbenzene
Concen: 158.439 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

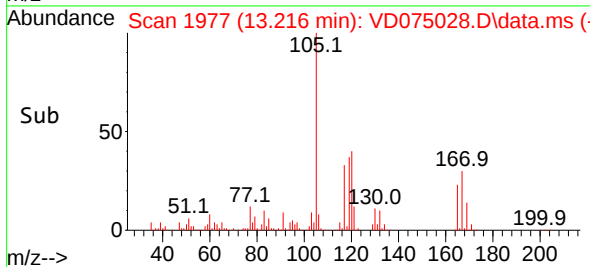
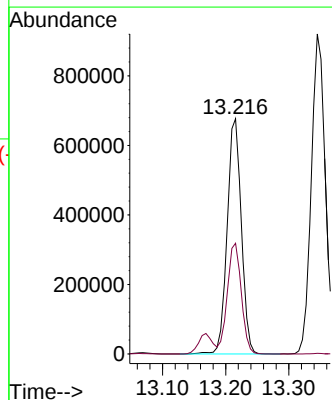
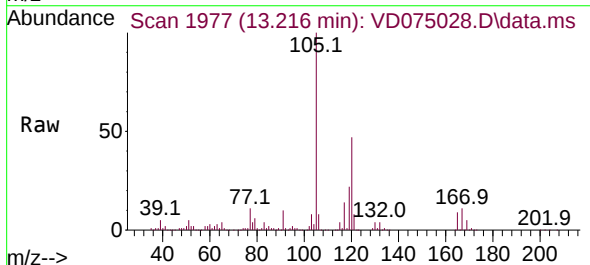
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

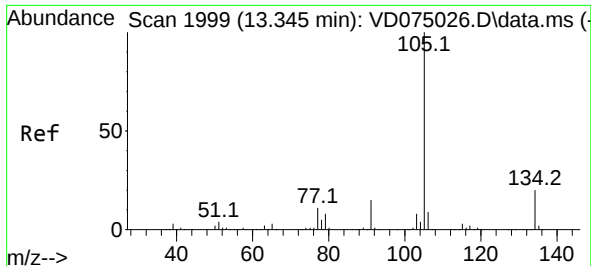
Tgt Ion:119 Resp: 919840
Ion Ratio Lower Upper
119 100
91 62.9 31.2 93.6
134 27.3 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 157.483 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:105 Resp: 1049879
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.3

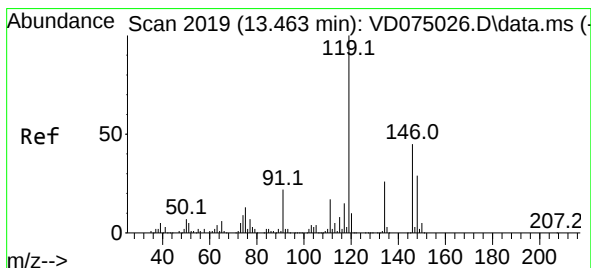
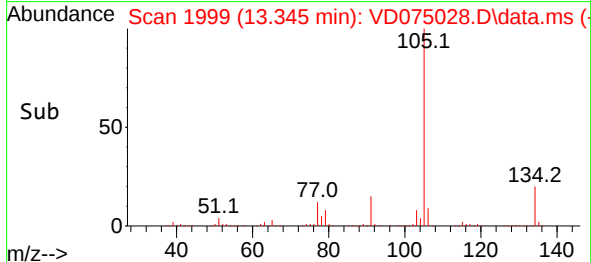
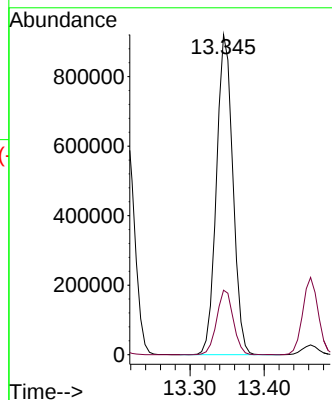
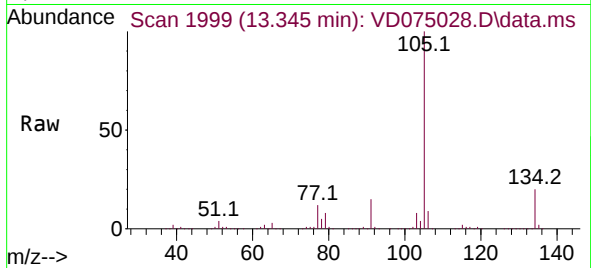




#85
 sec-Butylbenzene
 Concen: 156.087 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

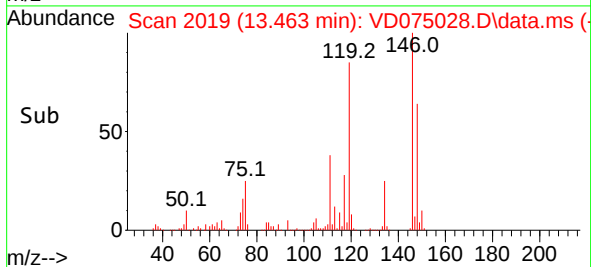
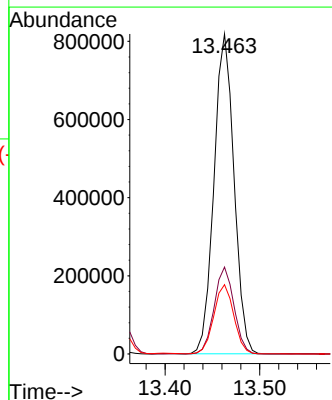
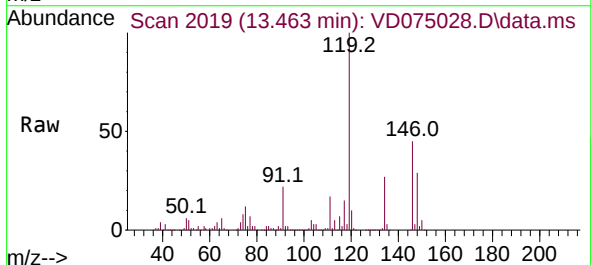
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

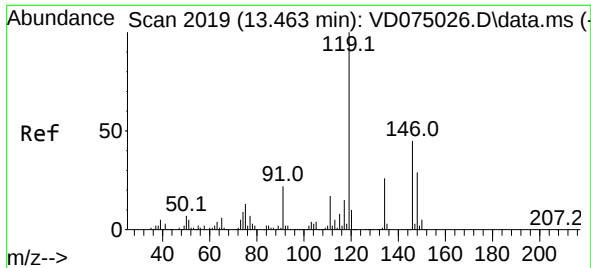
Tgt Ion:105 Resp: 1413214
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 160.980 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075028.D
 Acq: 15 Dec 2022 15:04

Tgt Ion:119 Resp: 1203788
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 21.8 11.1 33.1

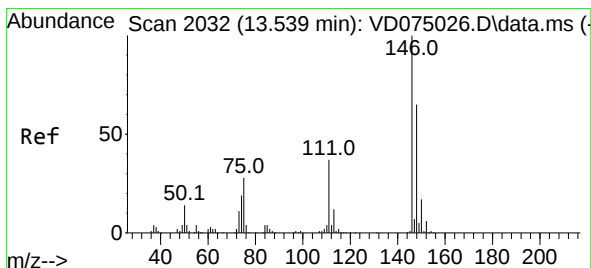
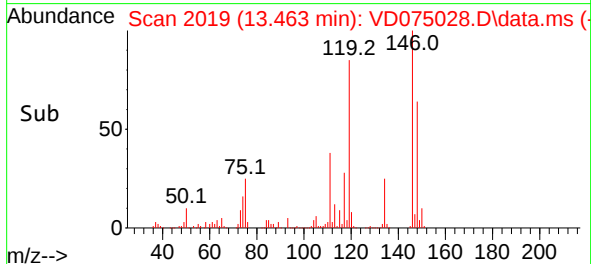
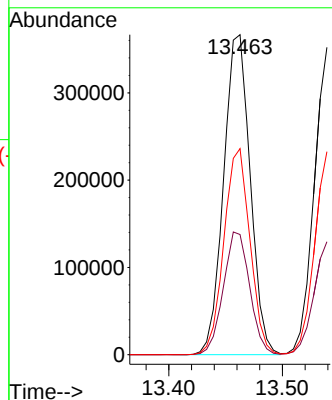
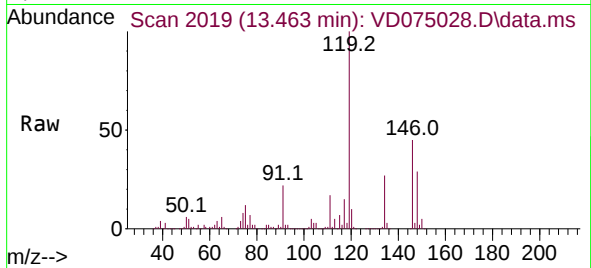




#87
1,3-Dichlorobenzene
Concen: 152.323 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

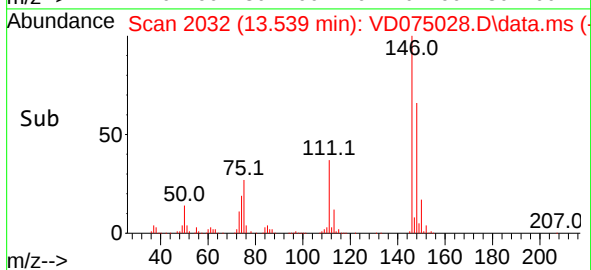
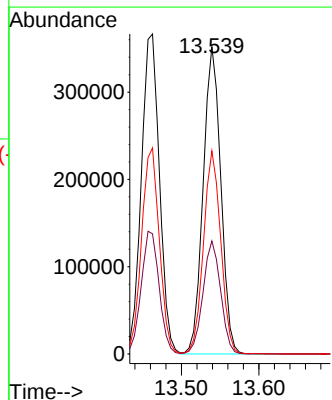
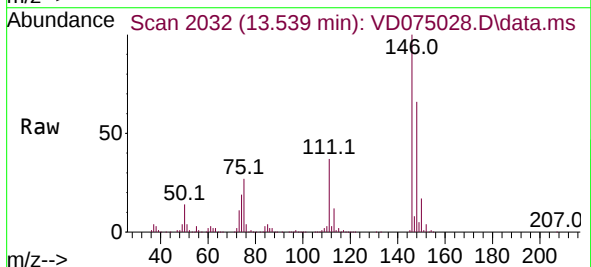
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

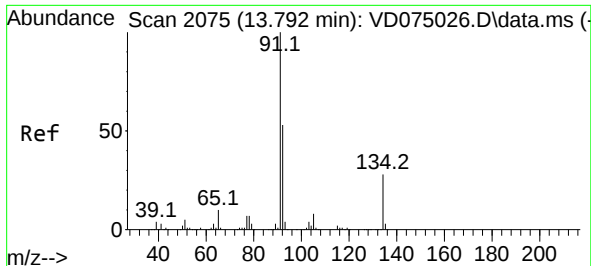
Tgt Ion:146 Resp: 596420
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.5
148 63.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 144.635 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:146 Resp: 556741
Ion Ratio Lower Upper
146 100
111 36.6 18.6 55.6
148 64.7 32.0 96.2

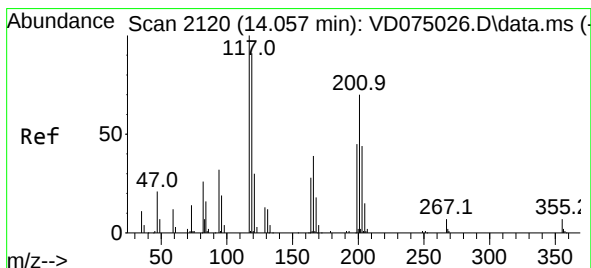
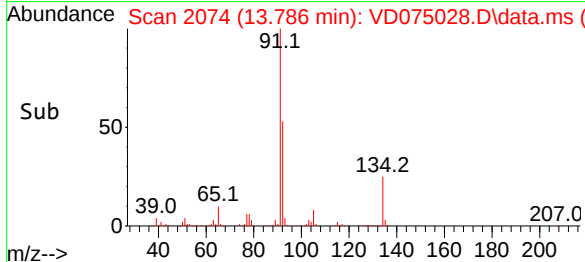
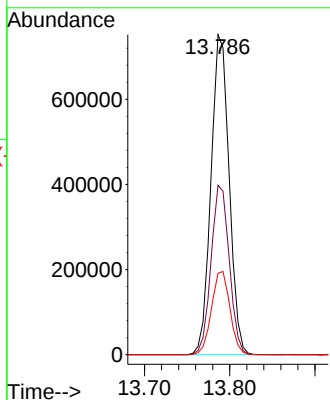
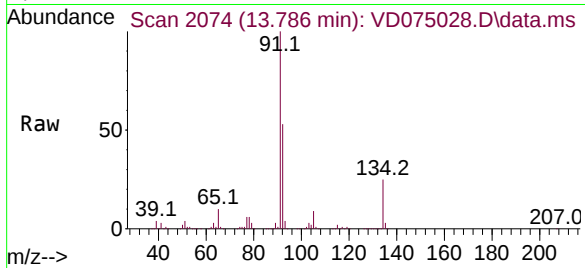




#89
n-Butylbenzene
Concen: 158.550 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

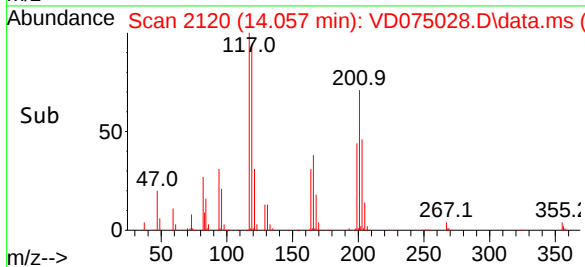
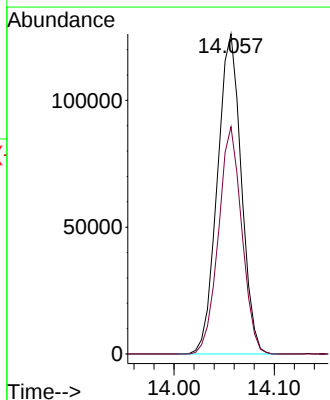
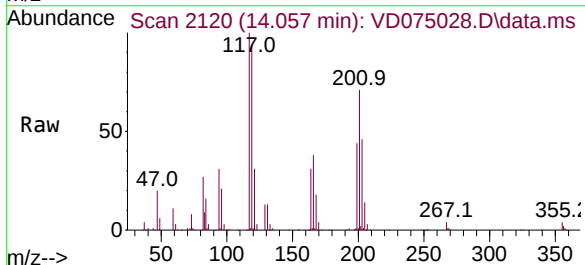
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

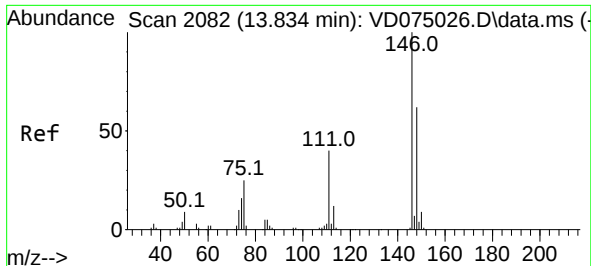
Tgt Ion: 91 Resp: 1111970
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 26.4 13.3 39.8



#90
Hexachloroethane
Concen: 155.285 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion: 117 Resp: 208748
Ion Ratio Lower Upper
117 100
201 69.2 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 146.581 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

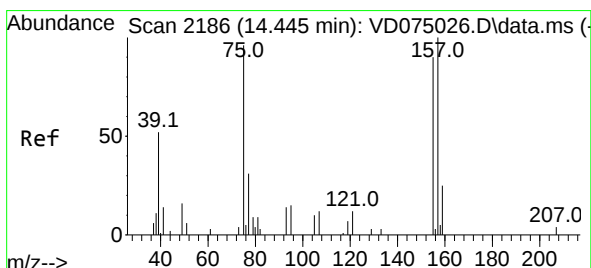
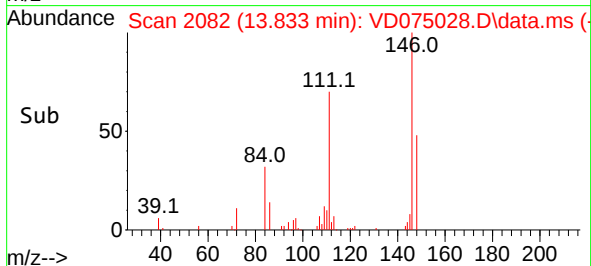
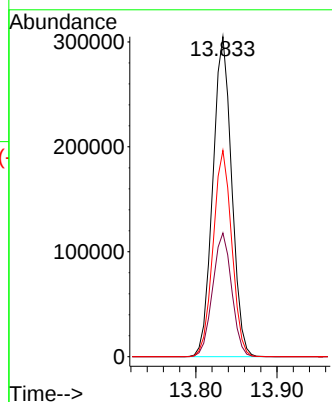
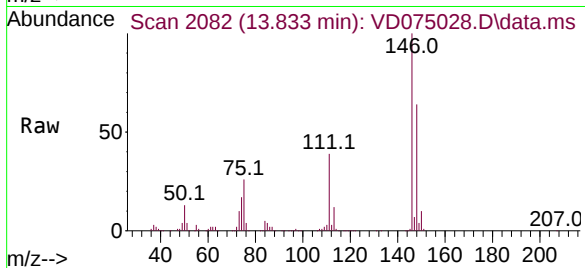
Tgt Ion:146 Resp: 492219

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 143.605 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075028.D

Acq: 15 Dec 2022 15:04

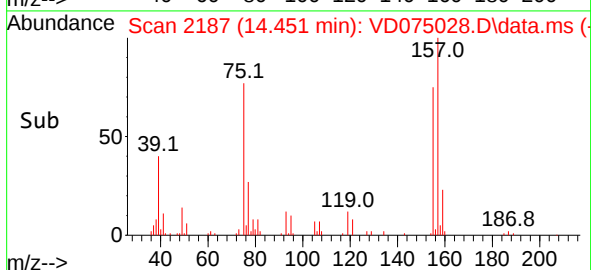
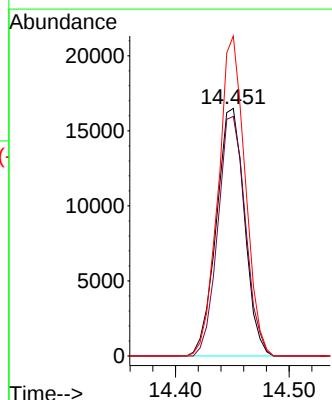
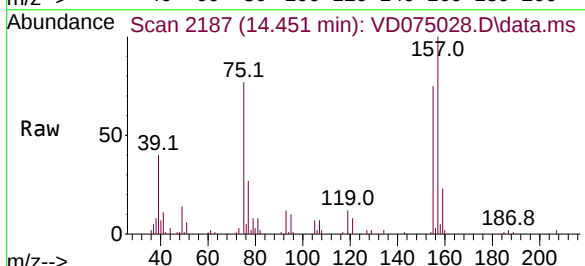
Tgt Ion: 75 Resp: 28288

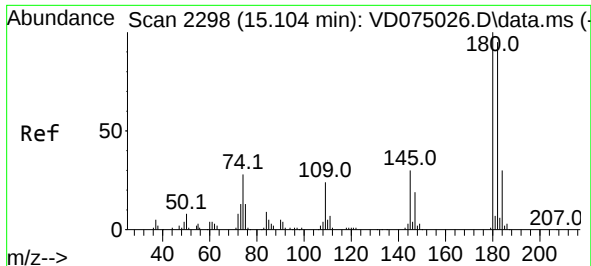
Ion Ratio Lower Upper

75 100

155 95.0 47.1 141.4

157 123.7 56.7 170.1

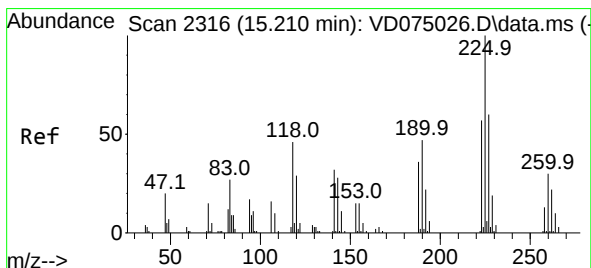
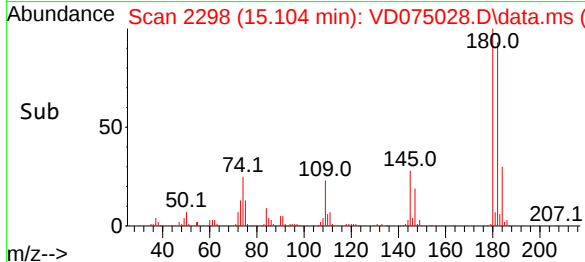
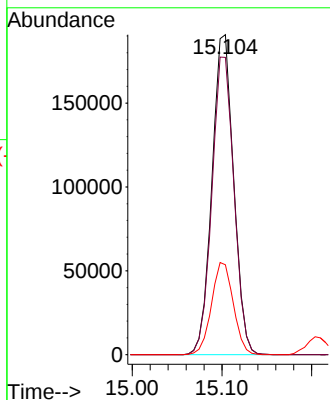
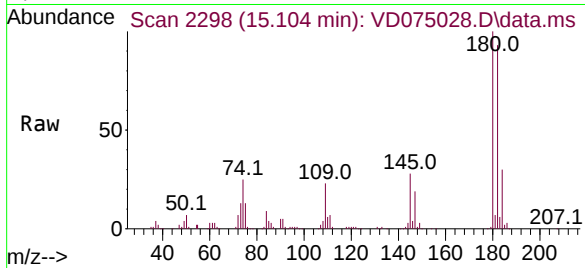




#93
1,2,4-Trichlorobenzene
Concen: 157.691 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

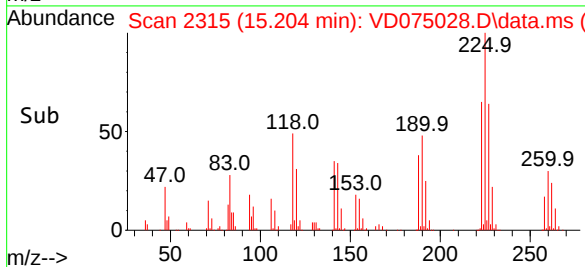
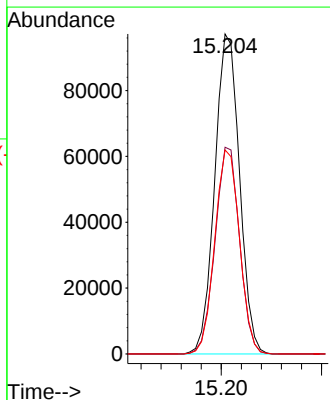
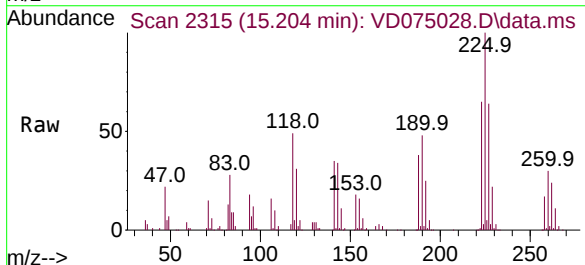
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

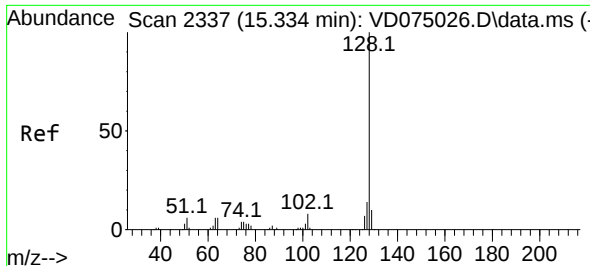
Tgt Ion:180 Resp: 319609
Ion Ratio Lower Upper
180 100
182 94.8 48.5 145.5
145 29.0 14.9 44.5



#94
Hexachlorobutadiene
Concen: 154.818 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.006 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:225 Resp: 166531
Ion Ratio Lower Upper
225 100
223 63.8 31.0 93.0
227 63.7 31.0 93.0

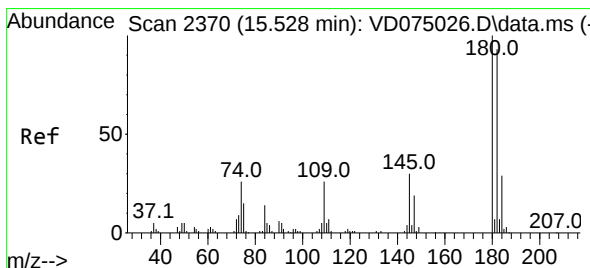
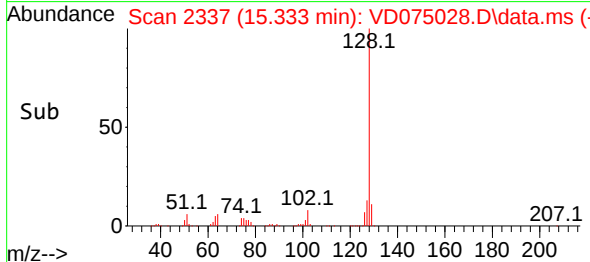
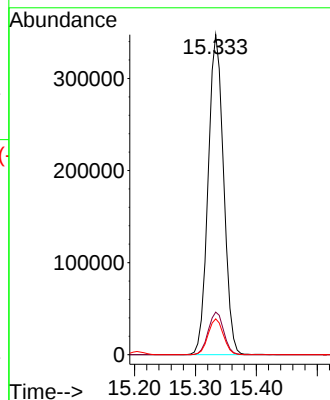
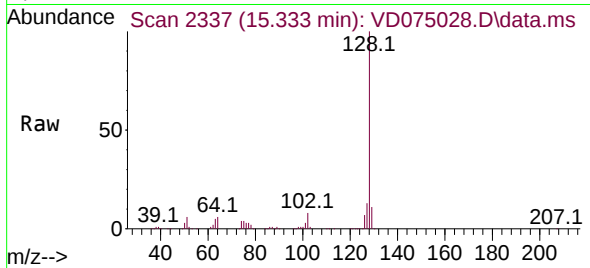




#95
Naphthalene
Concen: 162.213 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 612680
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 155.852 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075028.D
Acq: 15 Dec 2022 15:04

Tgt Ion:180 Resp: 276427
Ion Ratio Lower Upper
180 100
182 93.7 46.3 138.9
145 30.9 15.3 45.9

