

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074608.D
 Acq On : 21 Oct 2022 11:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 21 23:09:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	85700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	138844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30554	46.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.805	113	37606	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.269	98	136185	49.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.569	95	38742	48.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31927	47.995	ug/l	98
3) Chloromethane	2.146	50	41692	46.298	ug/l	95
4) Vinyl Chloride	2.281	62	48651	48.855	ug/l	99
5) Bromomethane	2.693	94	35813	47.490	ug/l	96
6) Chloroethane	2.834	64	34231	49.997	ug/l	98
7) Trichlorofluoromethane	3.175	101	71802	50.868	ug/l	97
8) Diethyl Ether	3.593	74	20384	49.865	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	45999	50.533	ug/l	99
10) Methyl Iodide	4.164	142	52137	44.466	ug/l	100
11) Tert butyl alcohol	5.046	59	13574	199.743	ug/l	98
12) 1,1-Dichloroethene	3.934	96	44499	48.875	ug/l	89
13) Acrolein	3.793	56	22022	314.255	ug/l	96
14) Allyl chloride	4.569	41	48732	49.563	ug/l	98
15) Acrylonitrile	5.252	53	43244	258.841	ug/l	99
16) Acetone	4.022	43	31437	220.025	ug/l	97
17) Carbon Disulfide	4.269	76	105665	42.412	ug/l	96
18) Methyl Acetate	4.564	43	18633	48.277	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	92650	52.076	ug/l	95
20) Methylene Chloride	4.805	84	51540	46.179	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	49559	48.829	ug/l	91
22) Diisopropyl ether	6.216	45	105678	53.264	ug/l	92
23) Vinyl Acetate	6.152	43	204983	236.261	ug/l	93
24) 1,1-Dichloroethane	6.110	63	78920	51.251	ug/l	98
25) 2-Butanone	7.081	43	44406	232.420	ug/l	93
26) 2,2-Dichloropropane	7.075	77	73971	50.260	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	58099	51.610	ug/l	98
28) Bromochloromethane	7.422	49	23637	56.592	ug/l	98
29) Tetrahydrofuran	7.446	42	27059	259.665	ug/l	98
30) Chloroform	7.593	83	86931	52.465	ug/l	100
31) Cyclohexane	7.875	56	59766	45.472	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	78705	51.797	ug/l	98
36) 1,1-Dichloropropene	8.010	75	62041	49.740	ug/l	98
37) Ethyl Acetate	7.169	43	19745	50.174	ug/l	96
38) Carbon Tetrachloride	7.993	117	66222	54.219	ug/l	98
39) Methylcyclohexane	9.275	83	76404	51.267	ug/l	97
40) Benzene	8.252	78	192373	51.968	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	13034	61.473	ug/l	90
42) 1,2-Dichloroethane	8.322	62	44529	52.128	ug/l	99
43) Isopropyl Acetate	8.357	43	37526	51.310	ug/l	98
44) Trichloroethene	9.028	130	56843	52.417	ug/l	89
45) 1,2-Dichloropropane	9.304	63	43021	52.957	ug/l	95
46) Dibromomethane	9.393	93	25428	54.243	ug/l	97
47) Bromodichloromethane	9.581	83	65054	56.088	ug/l	98
48) Methyl methacrylate	9.381	41	18071	54.066	ug/l	96
49) 1,4-Dioxane	9.381	88	5280	1144.407	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	99169	272.610	ug/l	97
52) Toluene	10.334	92	127475	55.838	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	55732	54.652	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	70274	54.654	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	36147	56.122	ug/l	95
56) Ethyl methacrylate	10.598	69	39618	56.272	ug/l	98
57) 1,3-Dichloropropane	10.881	76	57656	55.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	54652	285.940	ug/l	97
59) 2-Hexanone	10.922	43	67051	270.047	ug/l	98
60) Dibromochloromethane	11.075	129	44172	56.898	ug/l	98
61) 1,2-Dibromoethane	11.181	107	32439	55.174	ug/l	98
64) Tetrachloroethene	10.810	164	46366	49.984	ug/l	94
65) Chlorobenzene	11.604	112	138331	52.330	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	48896	53.839	ug/l	98
67) Ethyl Benzene	11.681	91	236732	51.429	ug/l	98
68) m/p-Xylenes	11.793	106	175588	95.938	ug/l	99
69) o-Xylene	12.122	106	85461	50.173	ug/l	93
70) Styrene	12.134	104	146322	51.008	ug/l	99
71) Bromoform	12.298	173	23454	49.188	ug/l #	98
73) Isopropylbenzene	12.422	105	222175	52.222	ug/l	98
74) N-amyl acetate	12.234	43	32719	52.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	34704	51.527	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	40395	84.804	ug/l #	1
77) Bromobenzene	12.698	156	50540	52.635	ug/l	98
78) n-propylbenzene	12.763	91	266032	52.911	ug/l	100
79) 2-Chlorotoluene	12.845	91	139893	51.358	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	184266	53.355	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9581	51.402	ug/l	98
82) 4-Chlorotoluene	12.945	91	145479	51.985	ug/l	100
83) tert-Butylbenzene	13.163	119	165154	53.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	181943	53.536	ug/l	98
85) sec-Butylbenzene	13.345	105	245903	53.188	ug/l	98
86) p-Isopropyltoluene	13.457	119	204266	52.739	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	103577	51.909	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	101805	52.118	ug/l	100
89) n-Butylbenzene	13.787	91	189661	53.748	ug/l	98
90) Hexachloroethane	14.051	117	35543	52.722	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	87825	52.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4777	51.286	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	58632	53.399	ug/l	100
94) Hexachlorobutadiene	15.198	225	32294	53.462	ug/l	98
95) Naphthalene	15.328	128	108080	52.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	49780	52.889	ug/l	99

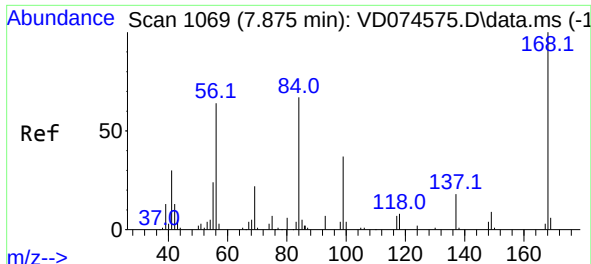
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Response via : Initial Calibration

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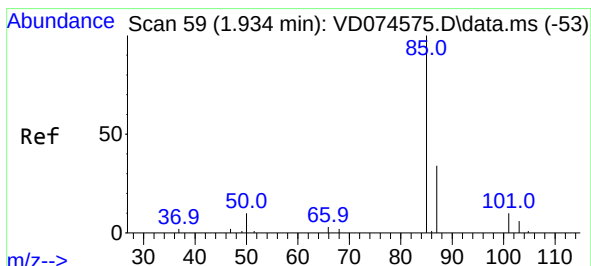
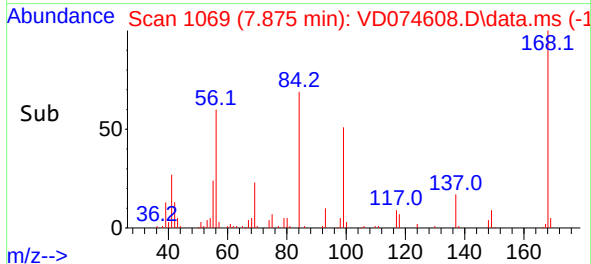
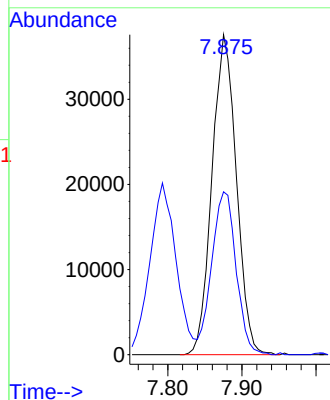
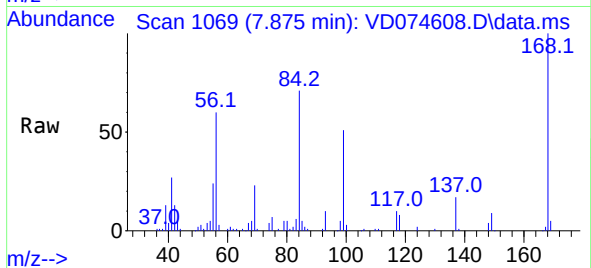
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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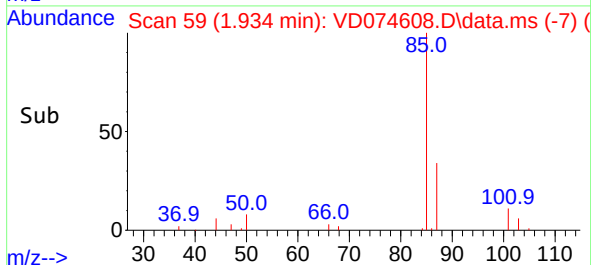
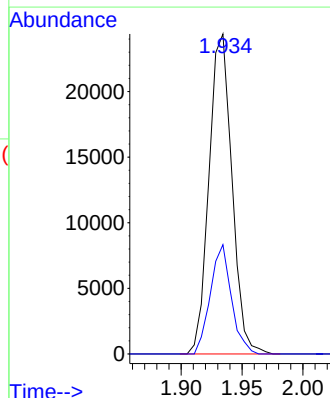
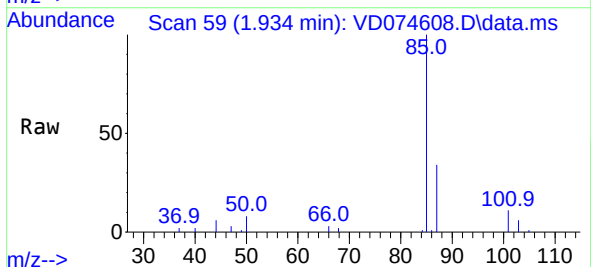
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ClientSampleId :
VSTD05006

Tgt Ion:168 Resp: 85700
Ion Ratio Lower Upper
168 100
99 50.3 40.9 61.3

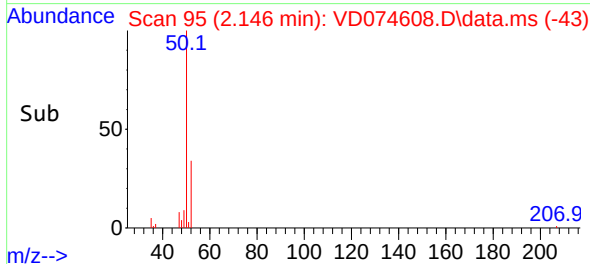
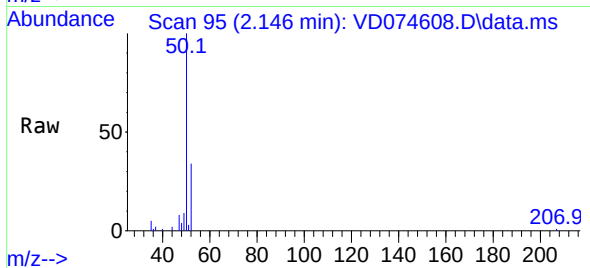
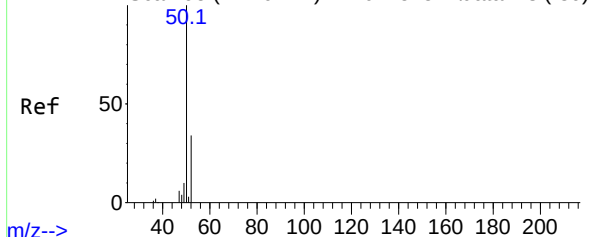


#2
Dichlorodifluoromethane
Concen: 47.995 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 85 Resp: 31927
Ion Ratio Lower Upper
85 100
87 34.2 17.5 52.6



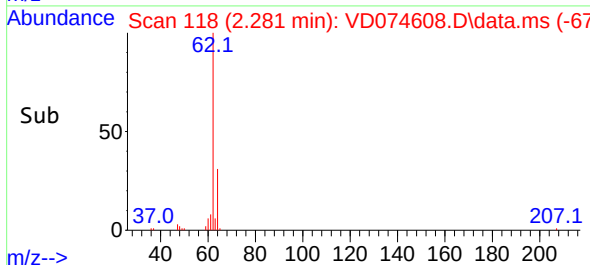
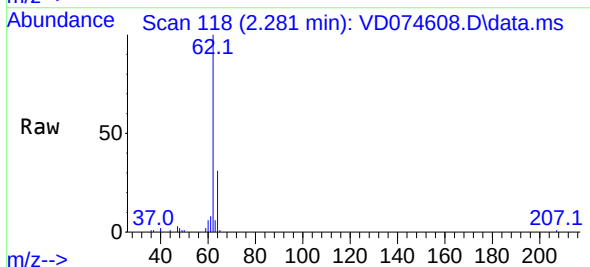
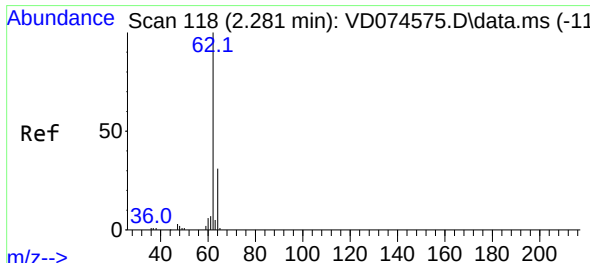
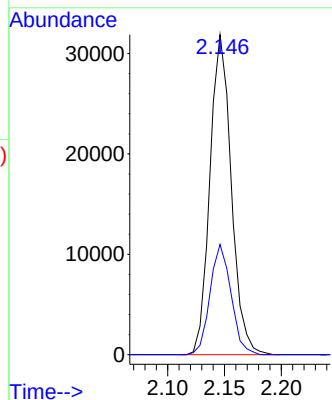
Abundance Scan 95 (2.146 min): VD074575.D\data.ms (-89)



#3
Chloromethane
Concen: 46.298 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

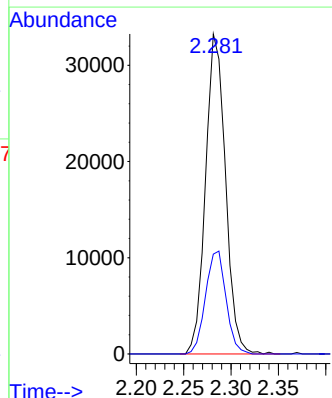
Instrument :
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ClientSampleId :
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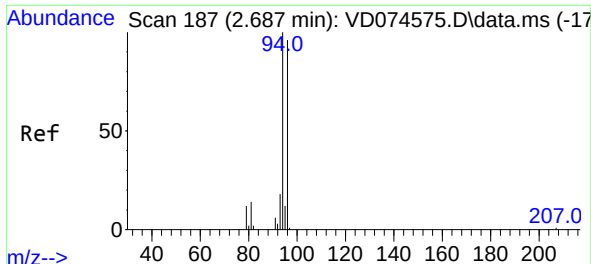
Tgt Ion: 50 Resp: 41692
Ion Ratio Lower Upper
50 100
52 34.4 30.0 45.0



#4
Vinyl Chloride
Concen: 48.855 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 62 Resp: 48651
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3

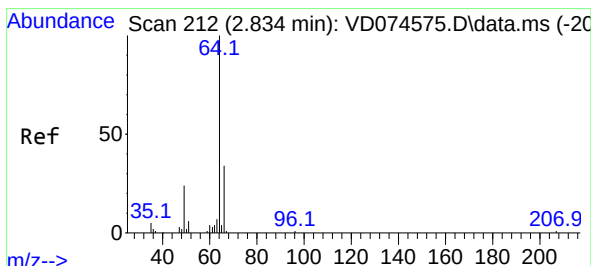
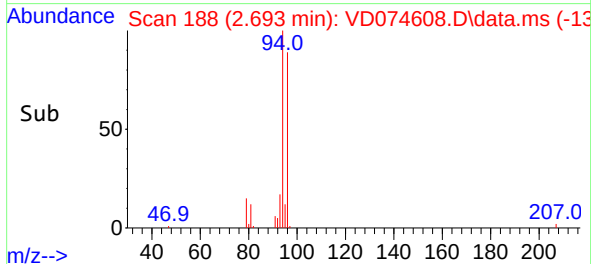
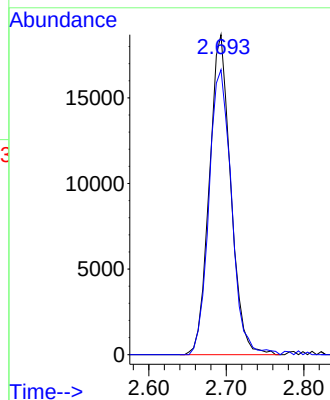
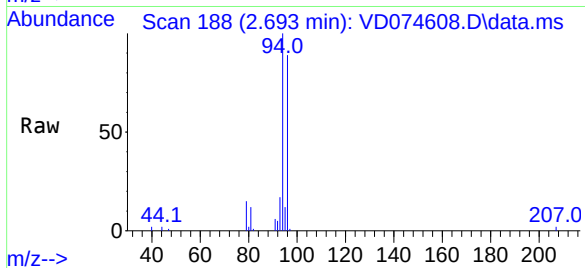




#5
Bromomethane
Concen: 47.490 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.012 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

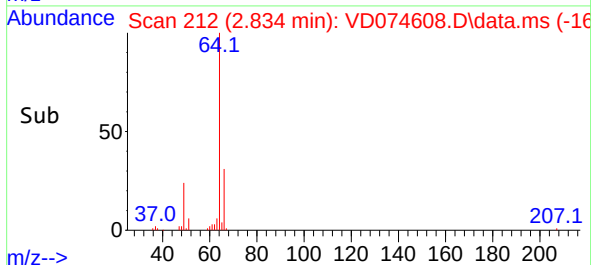
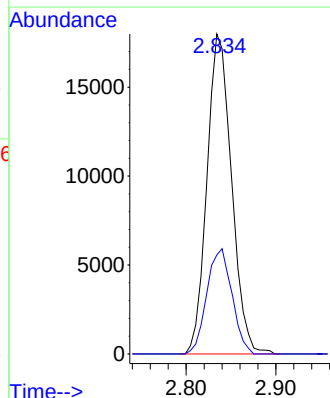
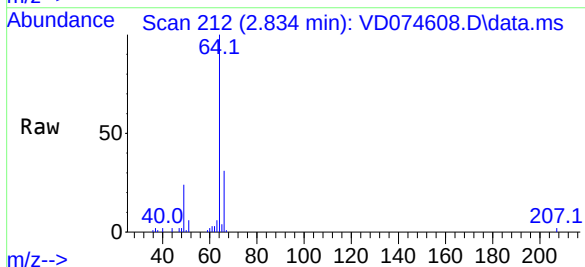
Instrument :
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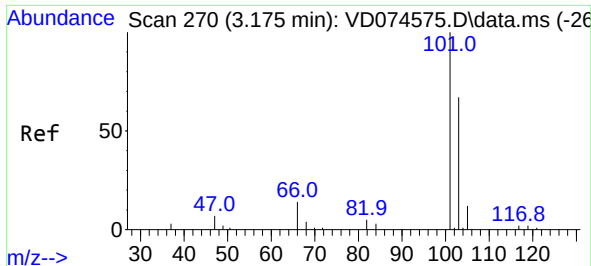
Tgt Ion: 94 Resp: 35813
Ion Ratio Lower Upper
94 100
96 89.0 74.6 112.0



#6
Chloroethane
Concen: 49.997 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 64 Resp: 34231
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8

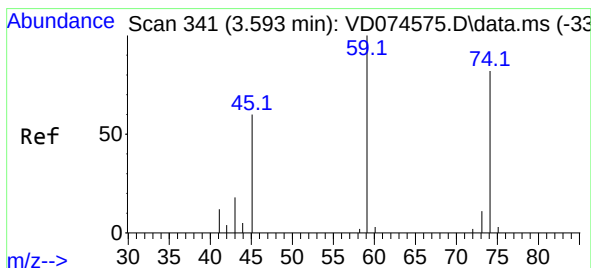
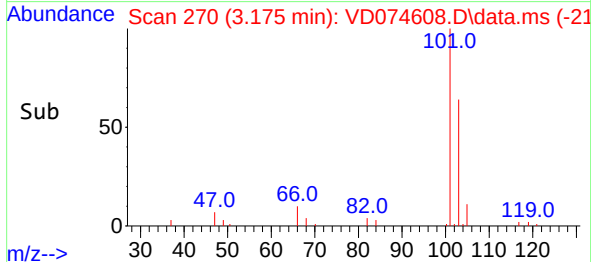
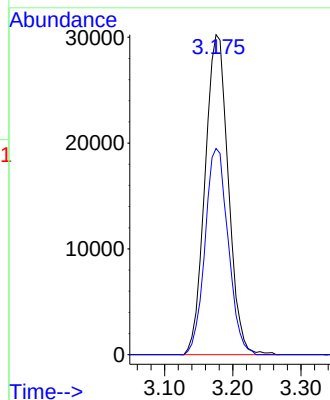
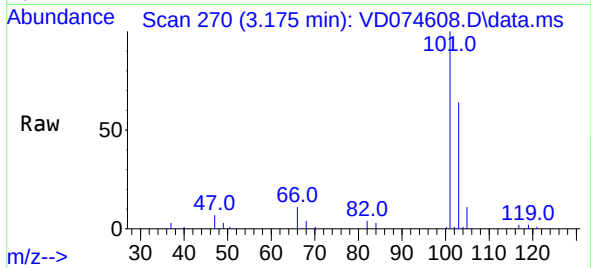




#7
Trichlorofluoromethane
Concen: 50.868 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

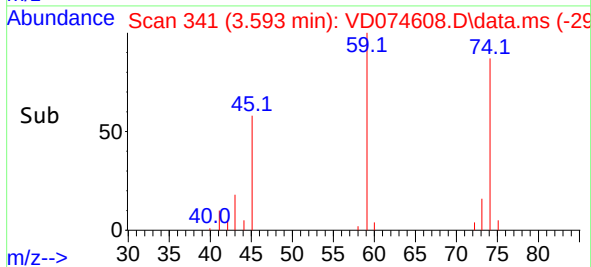
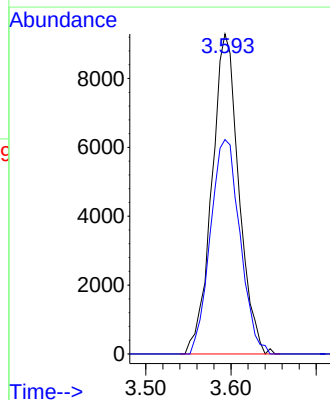
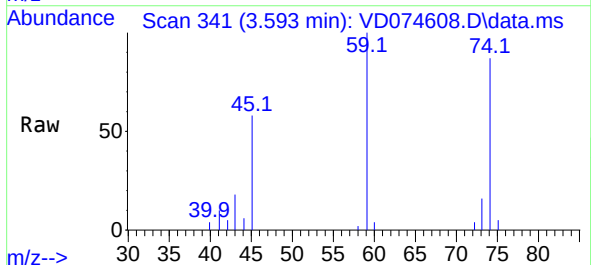
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

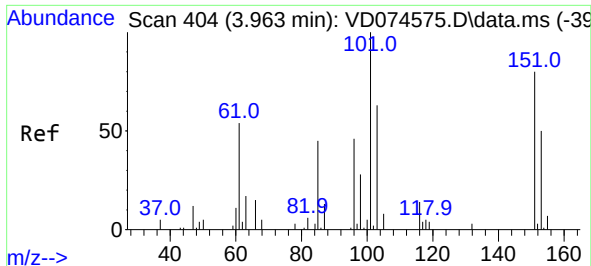
Tgt Ion:101 Resp: 71802
Ion Ratio Lower Upper
101 100
103 64.4 49.8 74.8



#8
Diethyl Ether
Concen: 49.865 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 74 Resp: 20384
Ion Ratio Lower Upper
74 100
45 73.6 37.9 113.6

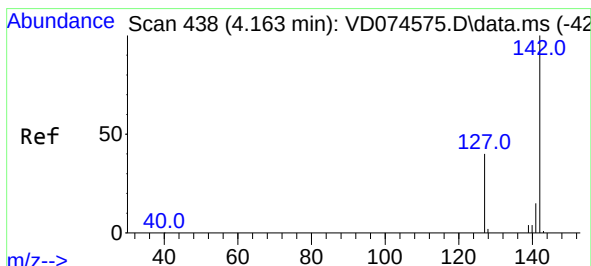
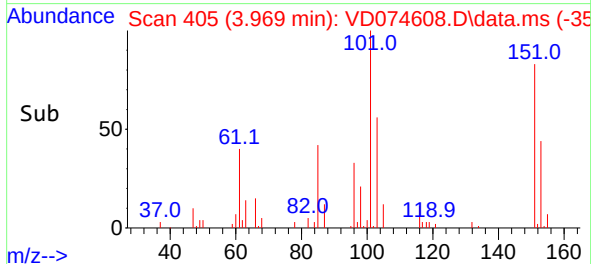
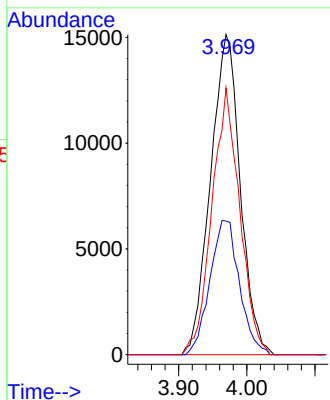
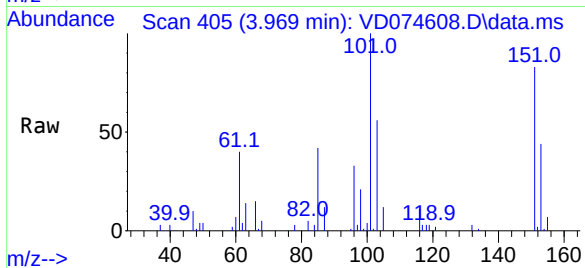




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.533 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

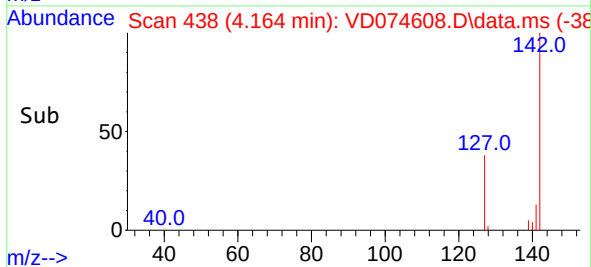
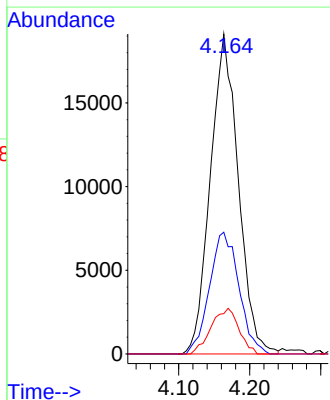
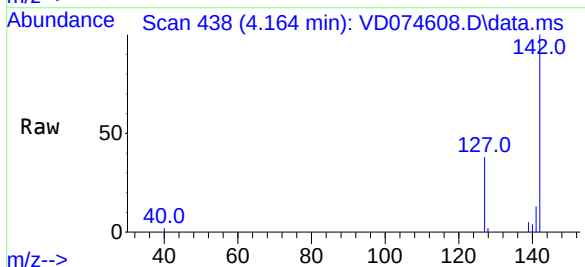
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

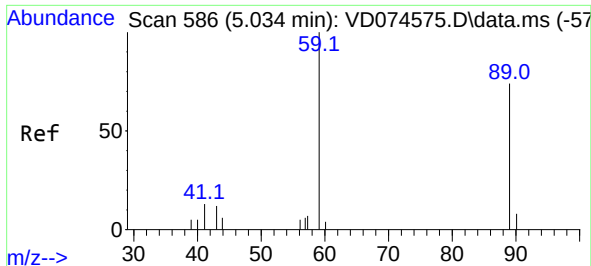
Tgt Ion:101 Resp: 45999
Ion Ratio Lower Upper
101 100
85 41.7 34.1 51.1
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 44.466 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:142 Resp: 52137
Ion Ratio Lower Upper
142 100
127 40.1 31.9 47.9
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 199.743 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

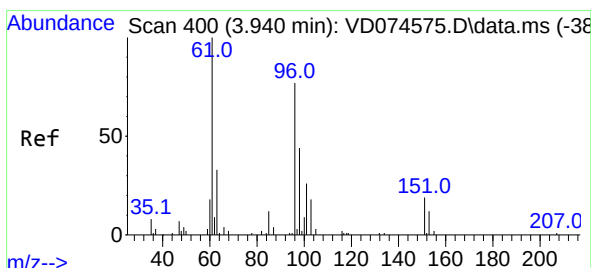
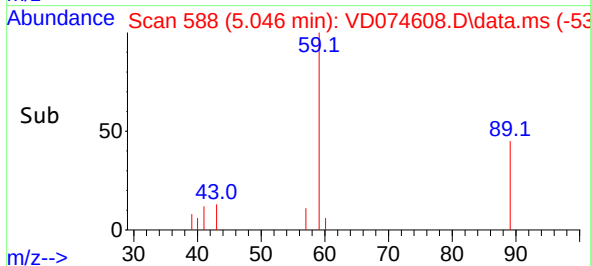
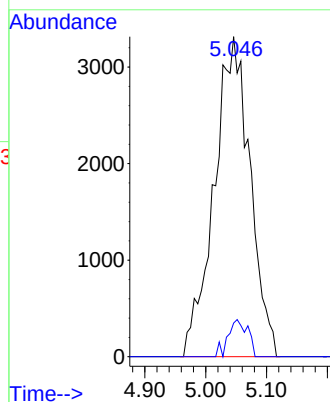
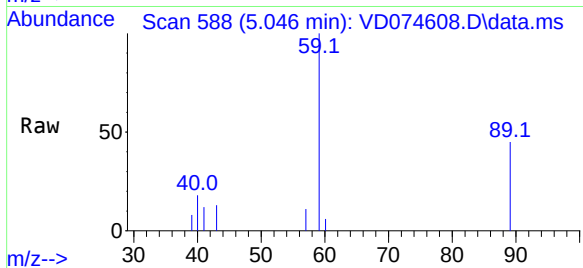
VSTD05006

Tgt Ion: 59 Resp: 13574

Ion Ratio Lower Upper

59 100

57 6.3 4.4 6.6



#12

1,1-Dichloroethene

Concen: 48.875 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

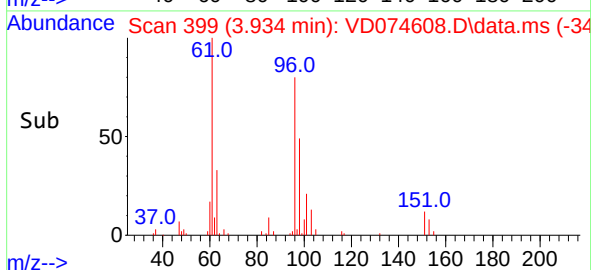
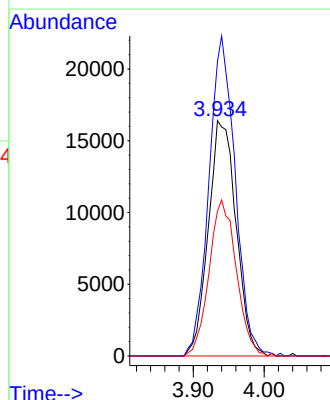
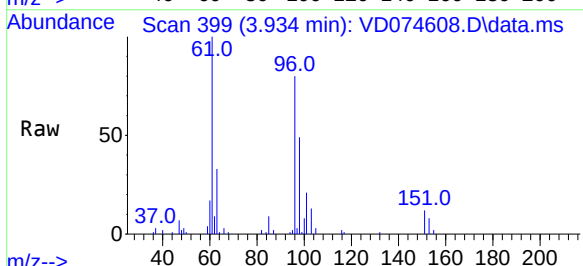
Tgt Ion: 96 Resp: 44499

Ion Ratio Lower Upper

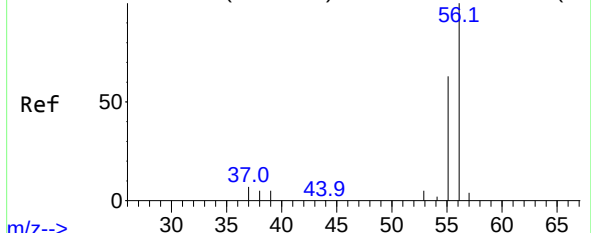
96 100

61 125.2 113.9 170.9

98 61.5 51.8 77.8



Abundance Scan 376 (3.799 min): VD074575.D\data.ms (-36



#13

Acrolein

Concen: 314.255 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

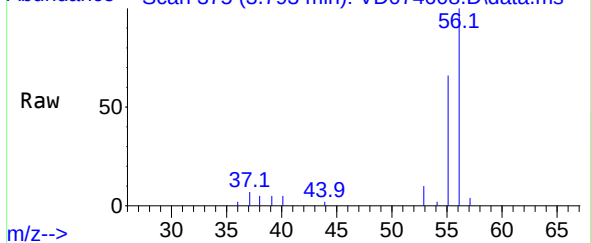
Tgt Ion: 56 Resp: 22022

Ion Ratio Lower Upper

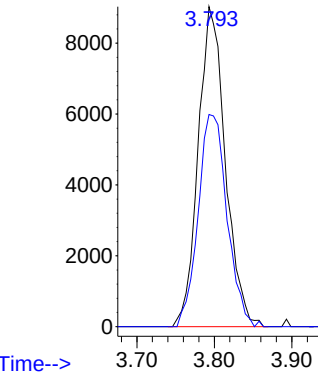
56 100

55 70.5 54.0 81.0

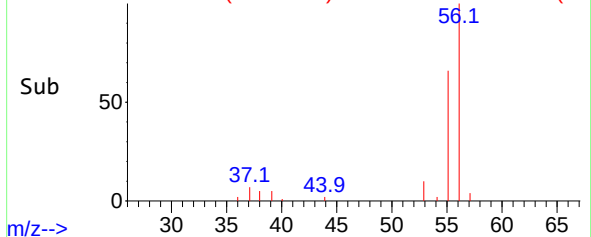
Abundance Scan 375 (3.793 min): VD074608.D\data.ms



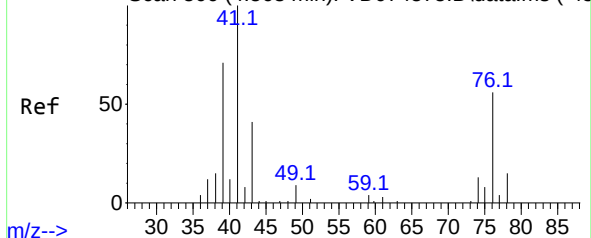
Abundance



Abundance Scan 375 (3.793 min): VD074608.D\data.ms (-32



Abundance Scan 506 (4.563 min): VD074575.D\data.ms (-48



#14

Allyl chloride

Concen: 49.563 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.017 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Tgt Ion: 41 Resp: 48732

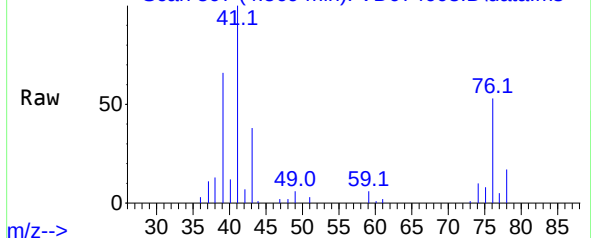
Ion Ratio Lower Upper

41 100

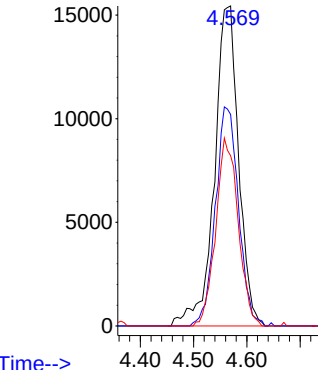
39 65.3 53.4 80.2

76 54.5 42.4 63.6

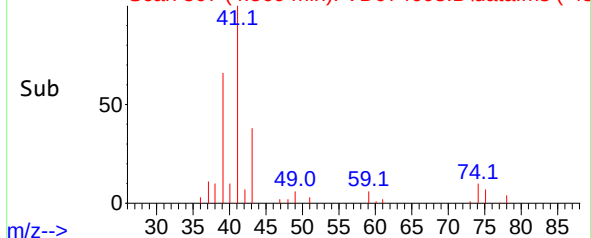
Abundance Scan 507 (4.569 min): VD074608.D\data.ms

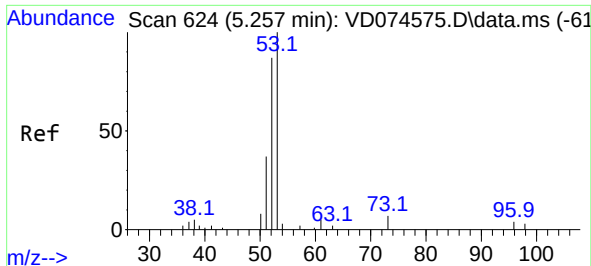


Abundance



Abundance Scan 507 (4.569 min): VD074608.D\data.ms (-45

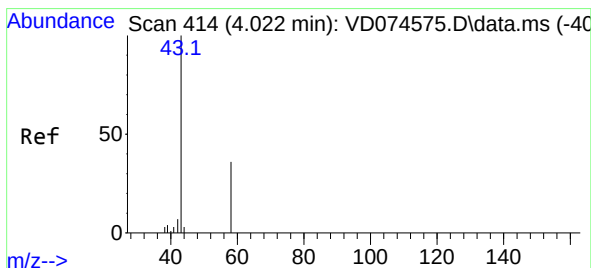
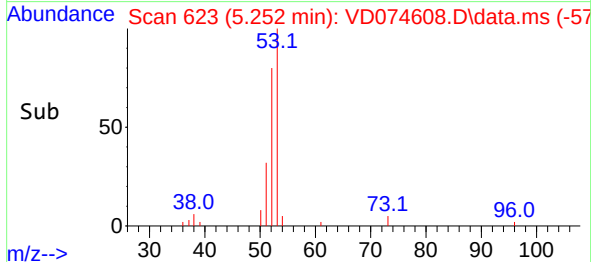
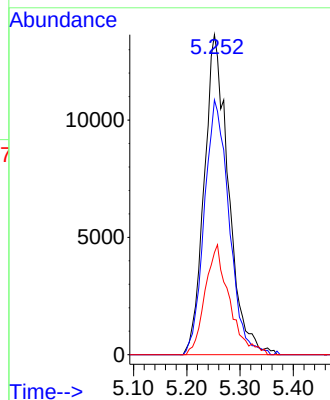
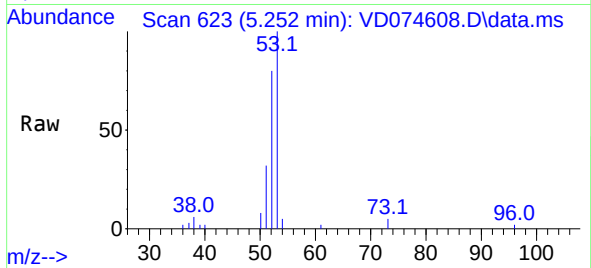




#15
Acrylonitrile
Concen: 258.841 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

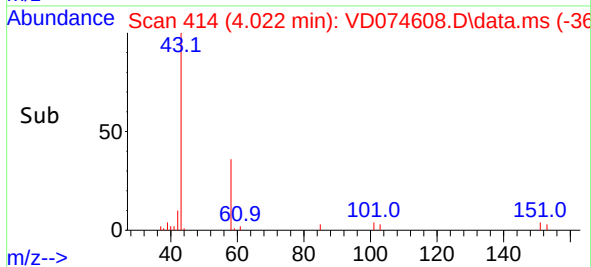
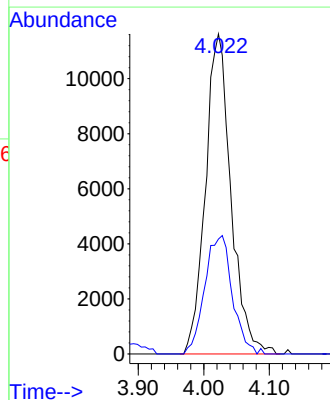
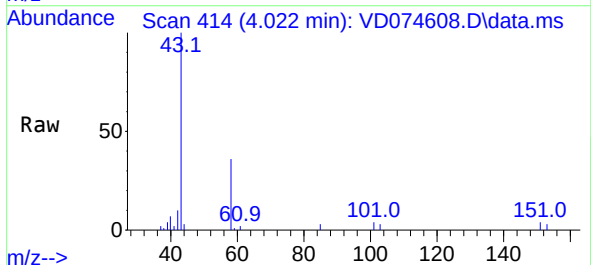
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

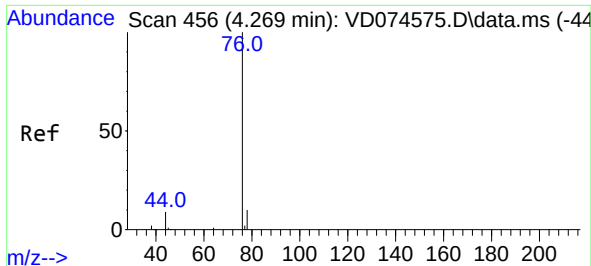
Tgt Ion: 53 Resp: 43244
Ion Ratio Lower Upper
53 100
52 81.2 66.0 99.0
51 34.4 28.3 42.5



#16
Acetone
Concen: 220.025 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 43 Resp: 31437
Ion Ratio Lower Upper
43 100
58 35.9 30.2 45.2

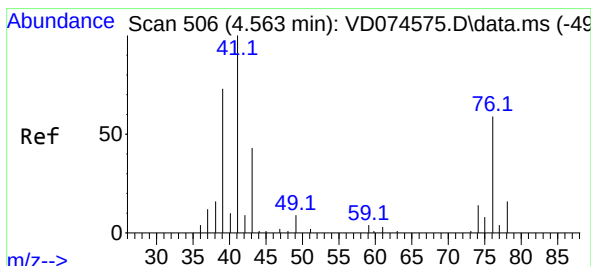
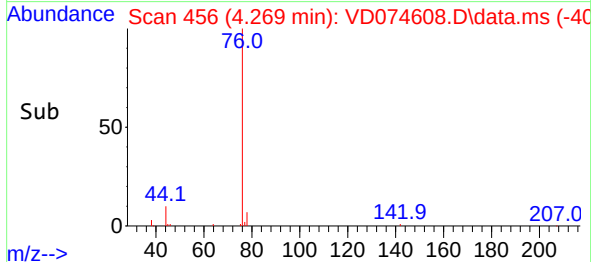
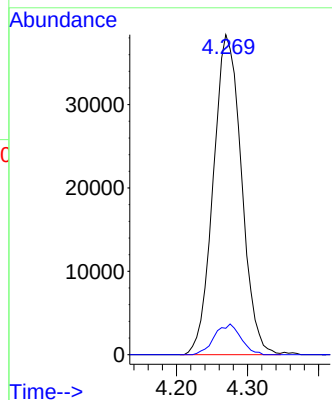
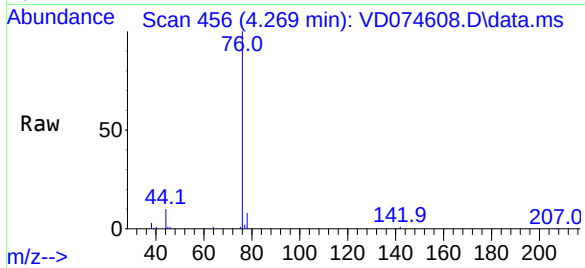




#17
Carbon Disulfide
Concen: 42.412 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

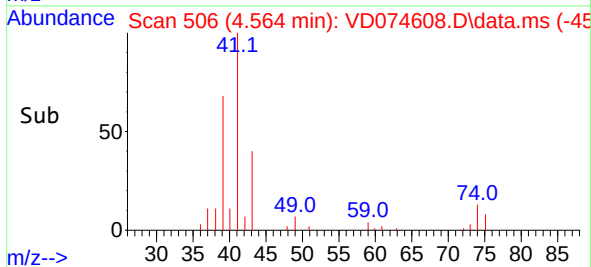
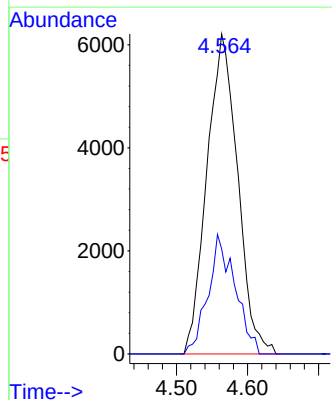
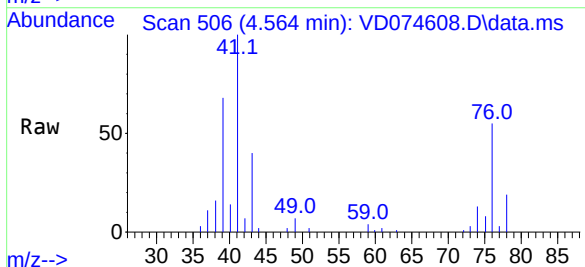
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

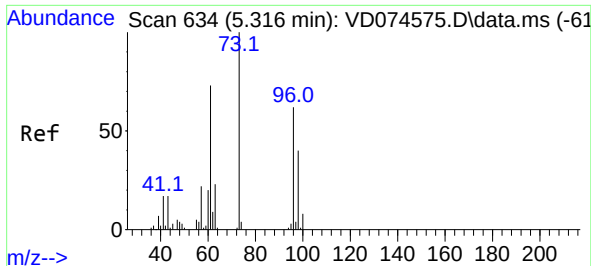
Tgt Ion: 76 Resp: 105665
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8



#18
Methyl Acetate
Concen: 48.277 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 43 Resp: 18633
Ion Ratio Lower Upper
43 100
74 33.0 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 52.076 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

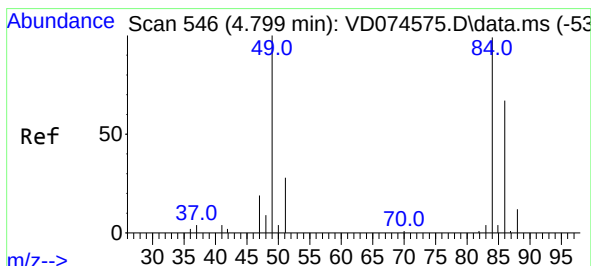
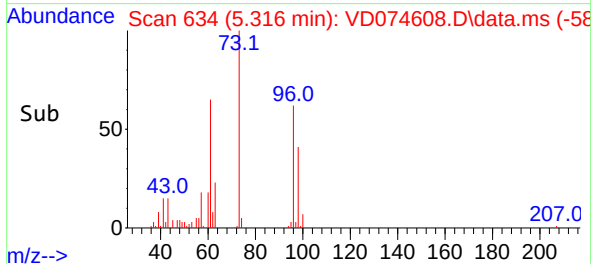
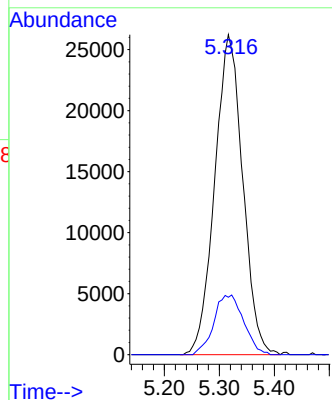
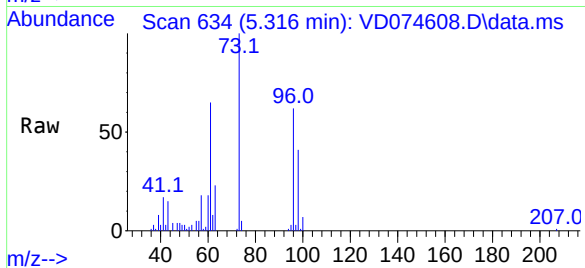
VSTD05006

Tgt Ion: 73 Resp: 92650

Ion Ratio Lower Upper

73 100

57 17.9 16.1 24.1



#20

Methylene Chloride

Concen: 46.179 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Tgt Ion: 84 Resp: 51540

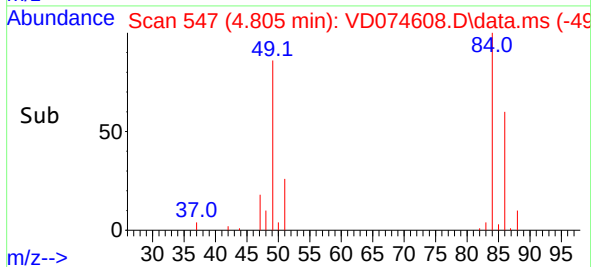
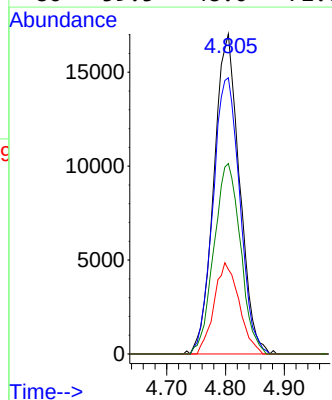
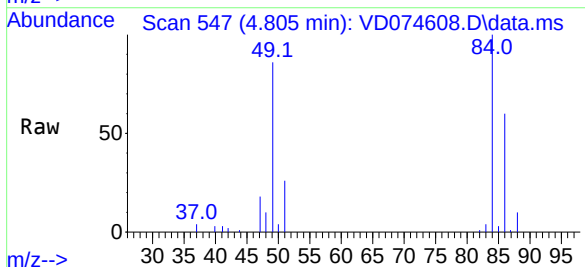
Ion Ratio Lower Upper

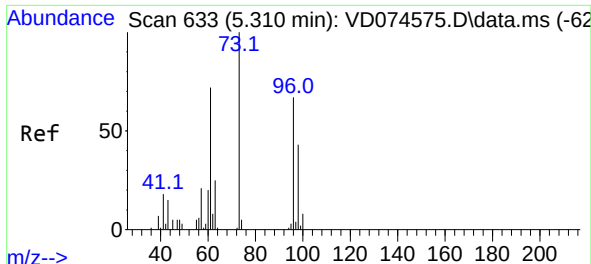
84 100

49 86.3 68.0 102.0

51 26.4 23.2 34.8

86 59.5 48.0 72.0

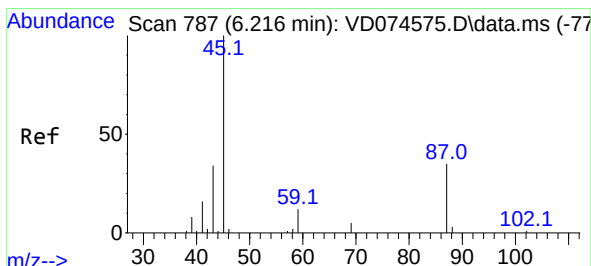
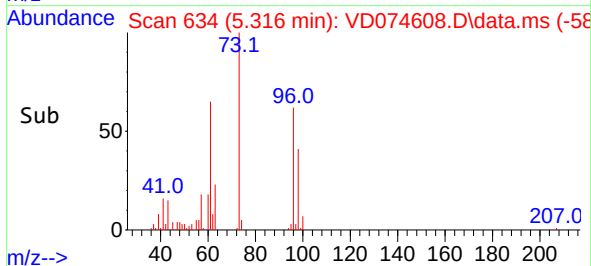
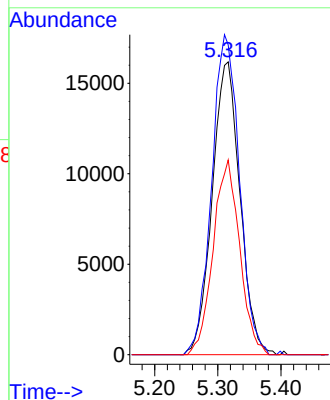
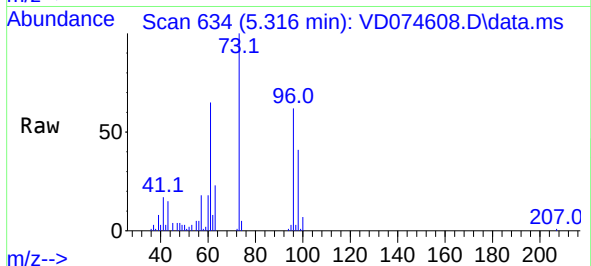




#21
trans-1,2-Dichloroethene
Concen: 48.829 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

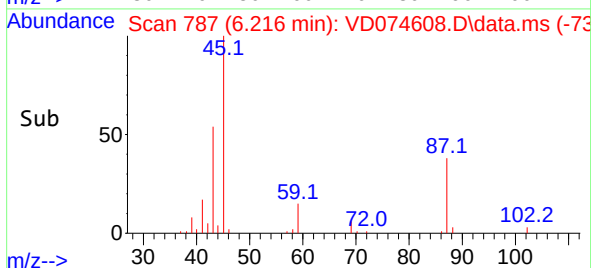
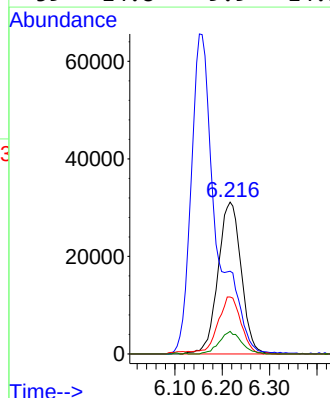
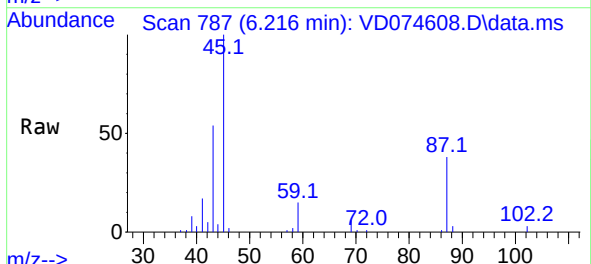
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

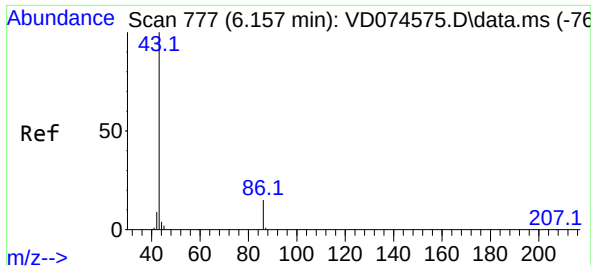
Tgt Ion: 96 Resp: 49559
Ion Ratio Lower Upper
96 100
61 105.8 95.7 143.5
98 66.5 54.8 82.2



#22
Diisopropyl ether
Concen: 53.264 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 45 Resp: 105678
Ion Ratio Lower Upper
45 100
43 53.4 37.8 56.6
87 37.6 26.6 40.0
59 14.8 9.9 14.9

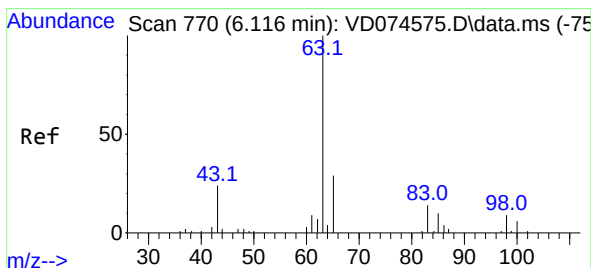
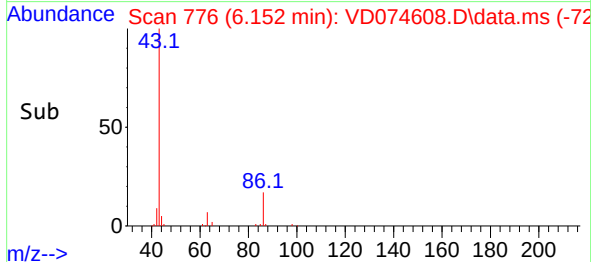
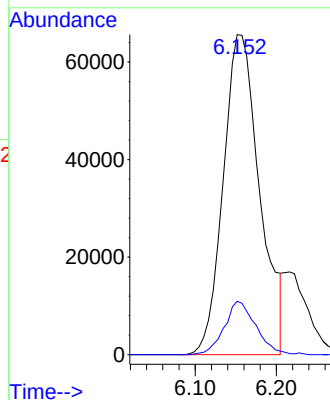
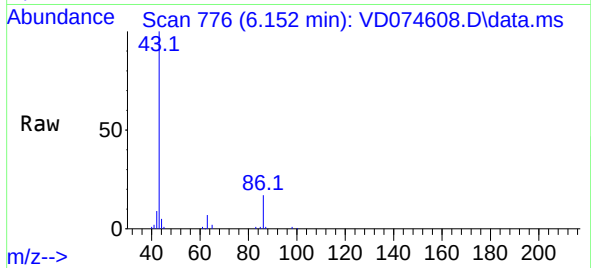




#23
 Vinyl Acetate
 Concen: 236.261 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD074608.D
 Acq: 21 Oct 2022 11:15

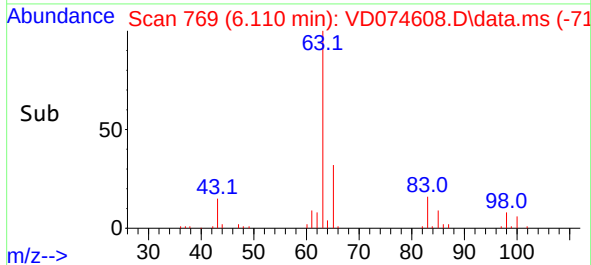
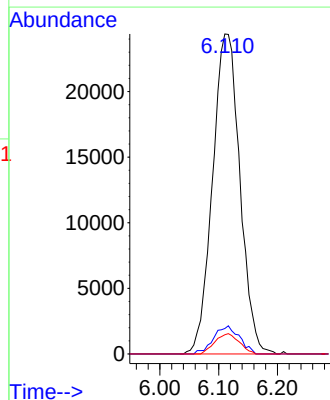
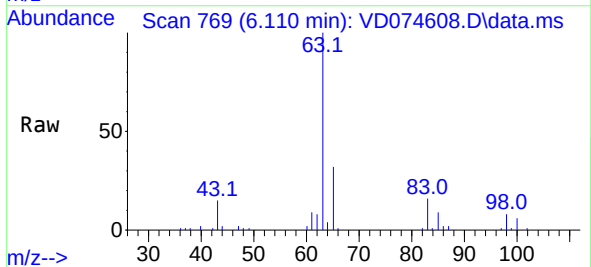
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

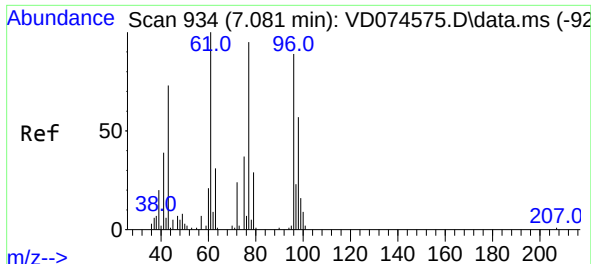
Tgt Ion: 43 Resp: 204983
 Ion Ratio Lower Upper
 43 100
 86 16.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 51.251 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074608.D
 Acq: 21 Oct 2022 11:15

Tgt Ion: 63 Resp: 78920
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.6 13.8
 100 6.0 2.9 8.6





#25

2-Butanone

Concen: 232.420 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

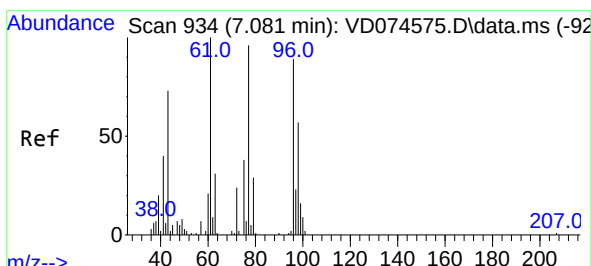
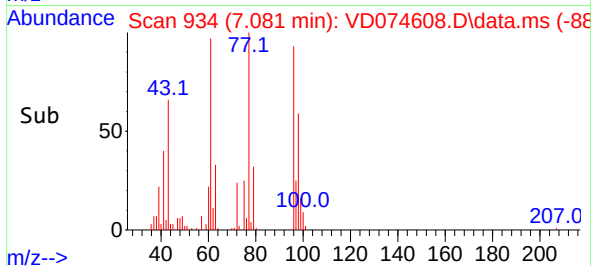
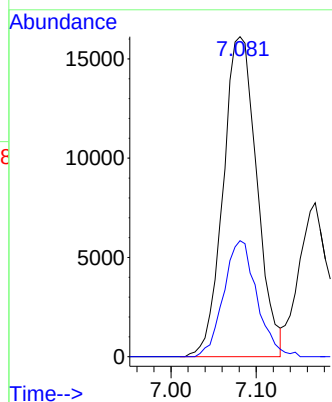
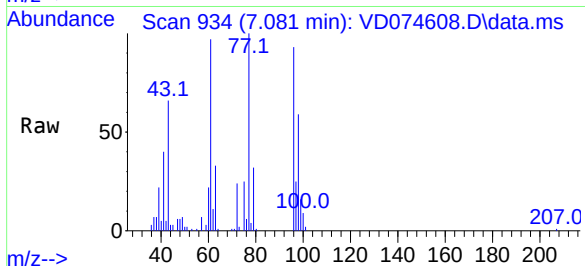
VSTD05006

Tgt Ion: 43 Resp: 44406

Ion Ratio Lower Upper

43 100

72 36.2 25.8 38.8



#26

2,2-Dichloropropane

Concen: 50.260 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074608.D

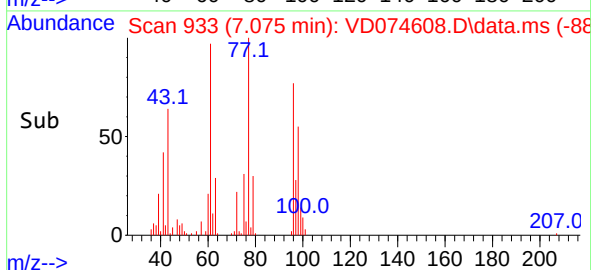
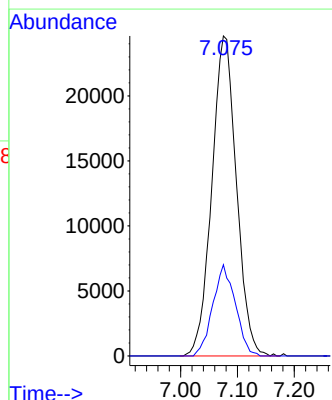
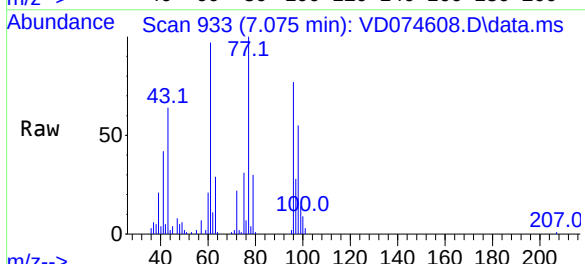
Acq: 21 Oct 2022 11:15

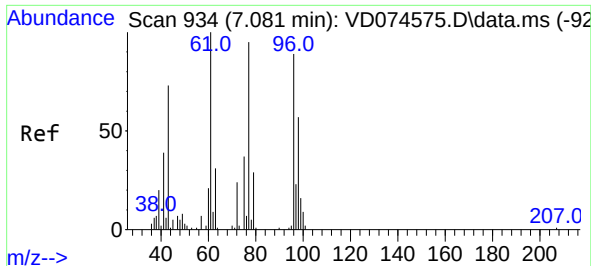
Tgt Ion: 77 Resp: 73971

Ion Ratio Lower Upper

77 100

97 26.2 12.5 37.5

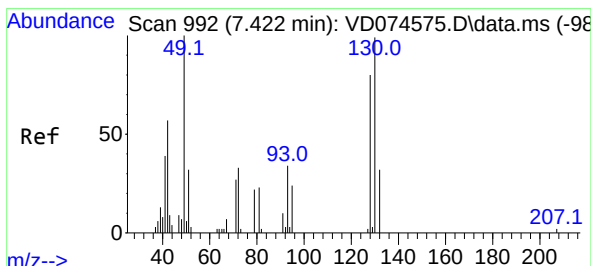
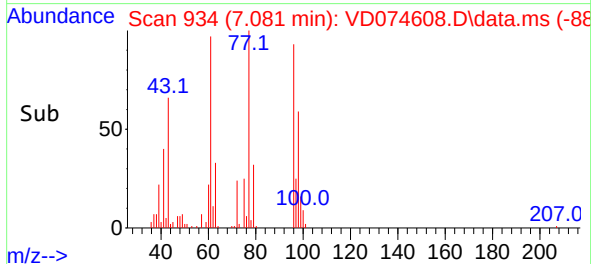
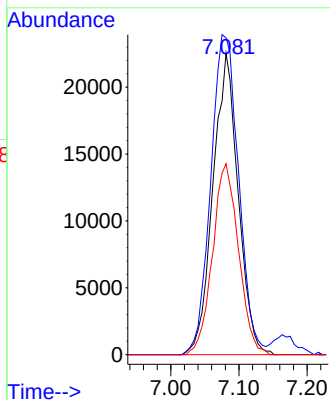
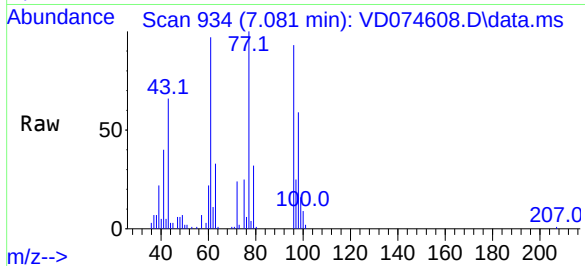




#27
cis-1,2-Dichloroethene
Concen: 51.610 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

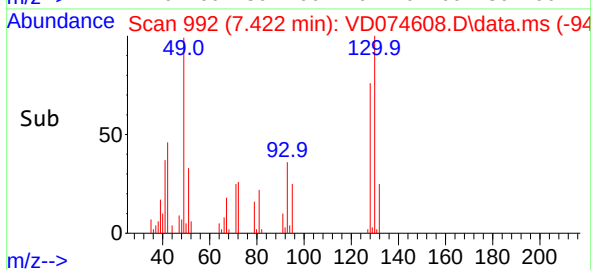
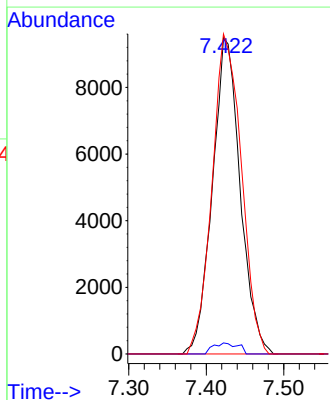
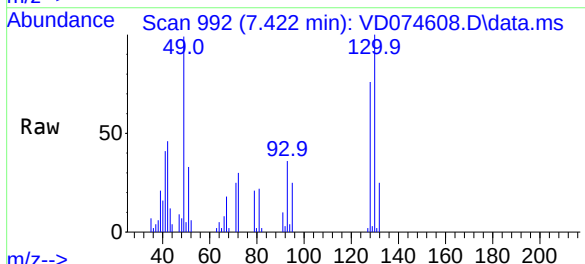
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

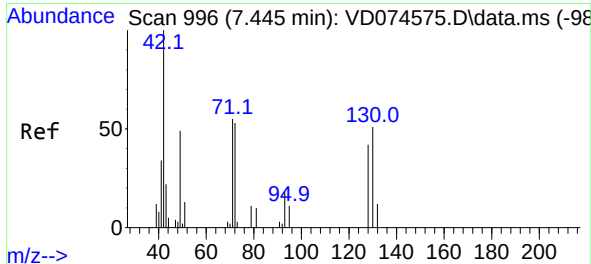
Tgt Ion: 96 Resp: 58099
Ion Ratio Lower Upper
96 100
61 117.2 0.0 242.4
98 65.2 0.0 130.0



#28
Bromochloromethane
Concen: 56.592 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 49 Resp: 23637
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.0
130 106.8 84.1 126.1

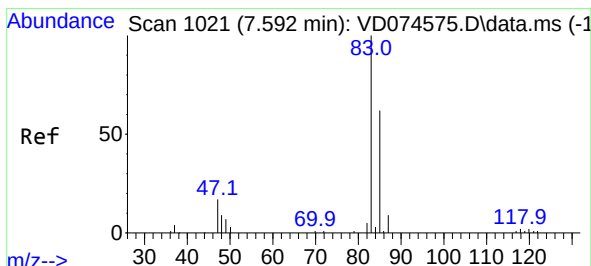
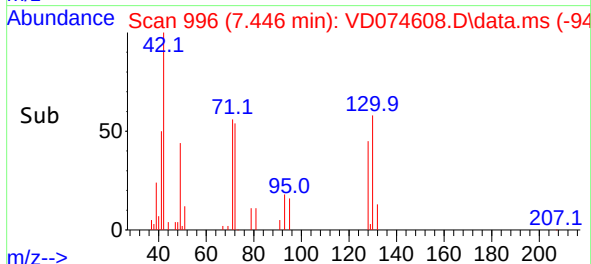
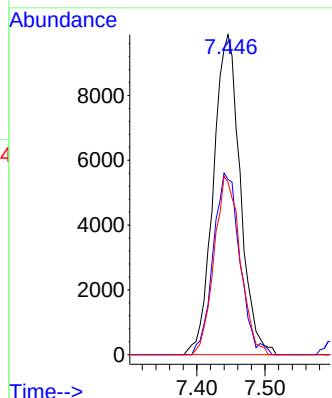
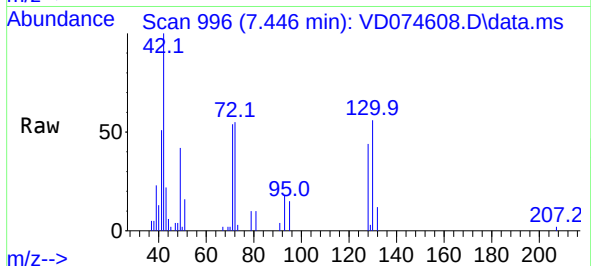




#29
Tetrahydrofuran
Concen: 259.665 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

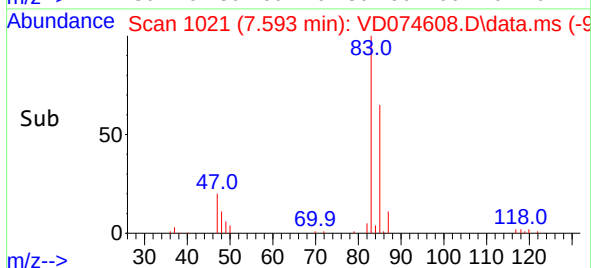
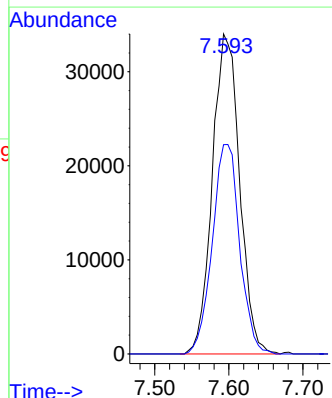
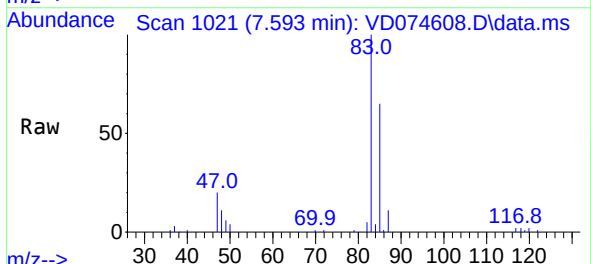
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

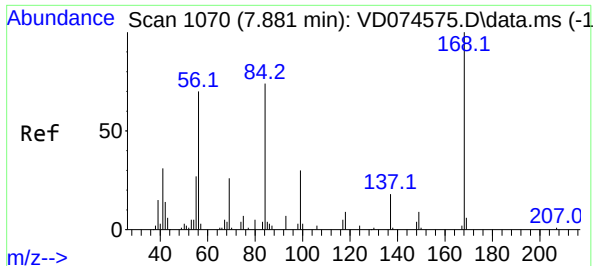
Tgt Ion:	42	Resp:	27059
Ion	Ratio	Lower	Upper
42	100		
72	56.3	45.8	68.6
71	54.1	44.6	66.8



#30
Chloroform
Concen: 52.465 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:	83	Resp:	86931
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0





#31

Cyclohexane

Concen: 45.472 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

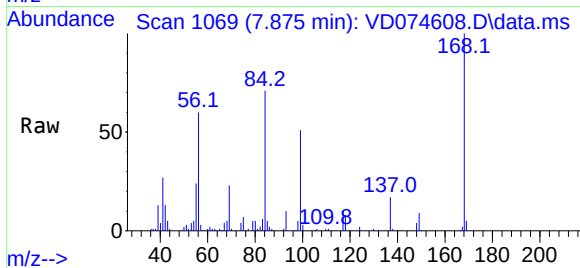
Tgt Ion: 56 Resp: 59766

Ion Ratio Lower Upper

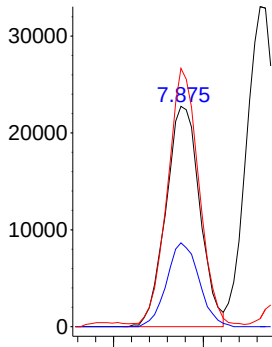
56 100

69 38.1 29.2 43.8

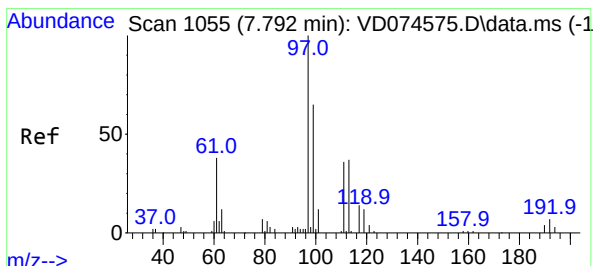
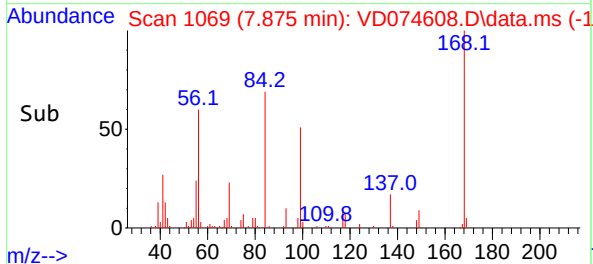
84 115.8 83.4 125.2



Abundance



Time-->



#32

1,1,1-Trichloroethane

Concen: 51.797 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

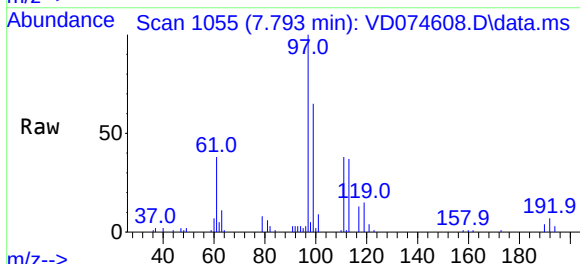
Tgt Ion: 97 Resp: 78705

Ion Ratio Lower Upper

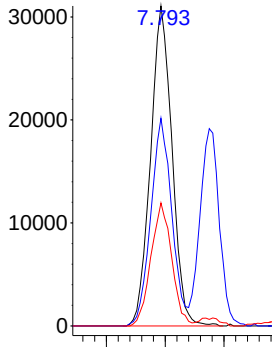
97 100

99 63.9 53.3 79.9

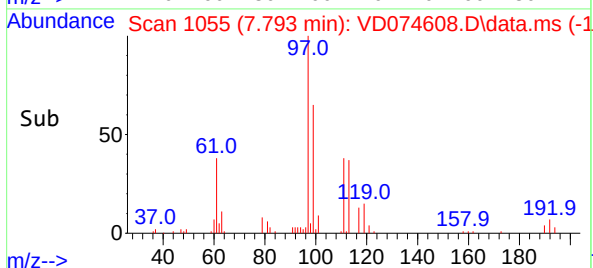
61 37.3 30.2 45.4

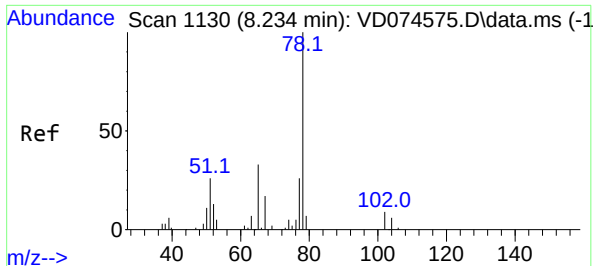


Abundance



Time-->

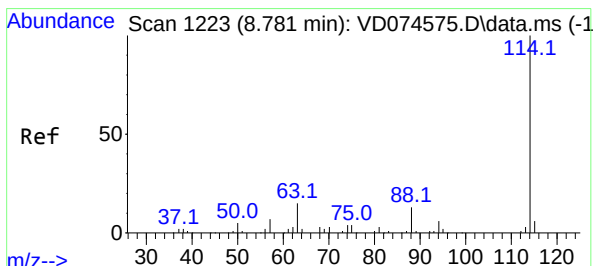
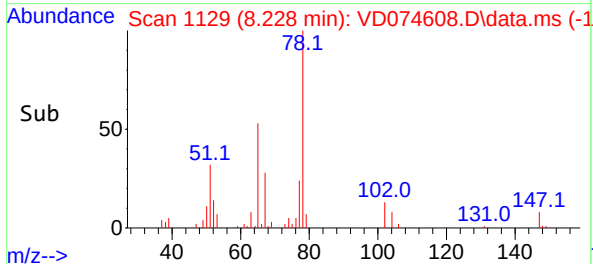
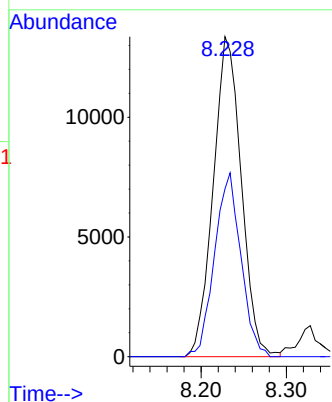
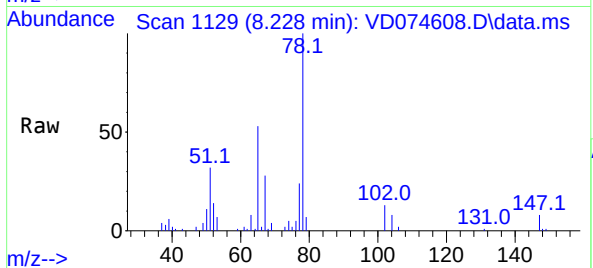




#33
1,2-Dichloroethane-d4
Concen: 46.697 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

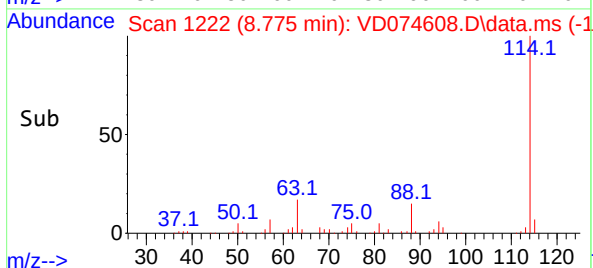
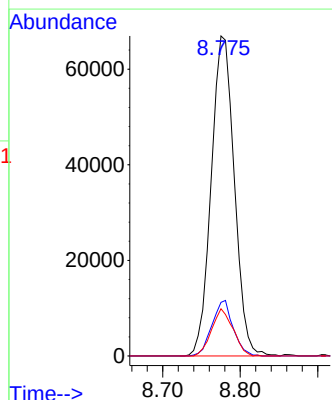
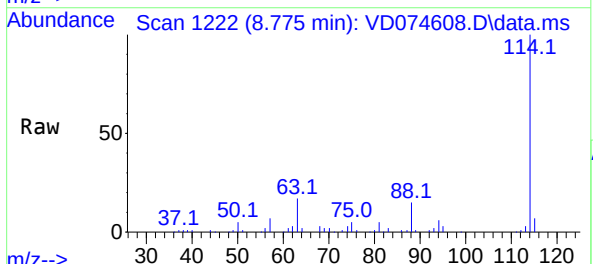
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

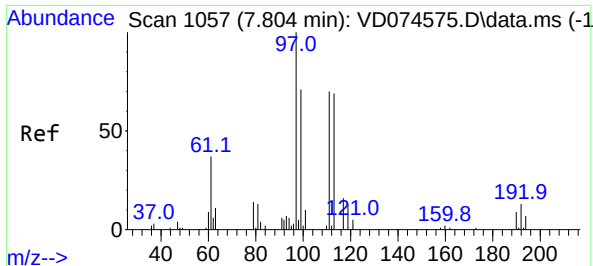
Tgt Ion: 65 Resp: 30554
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 114 Resp: 138844
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.2
88 14.7 0.0 28.2

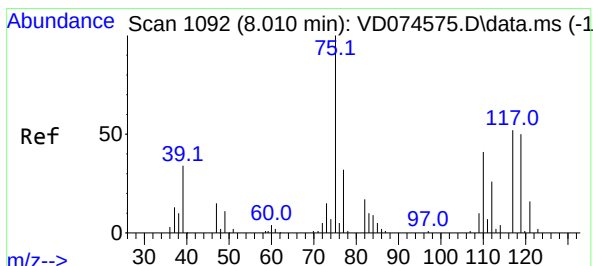
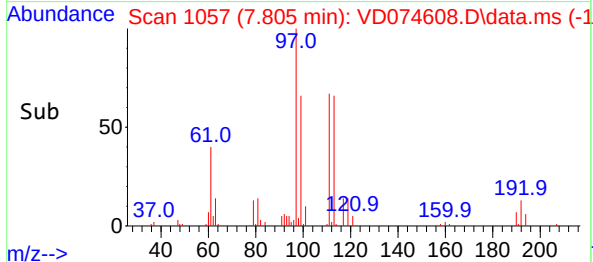
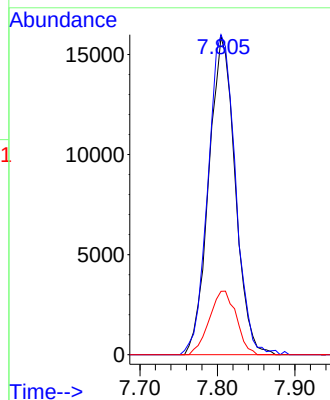
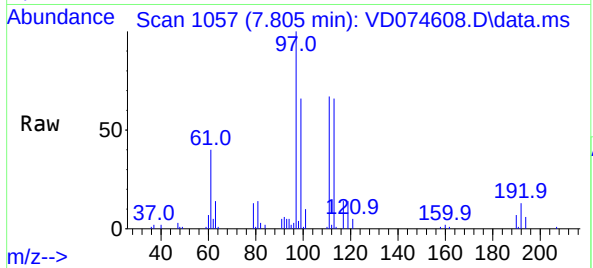




#35
Dibromofluoromethane
Concen: 48.862 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

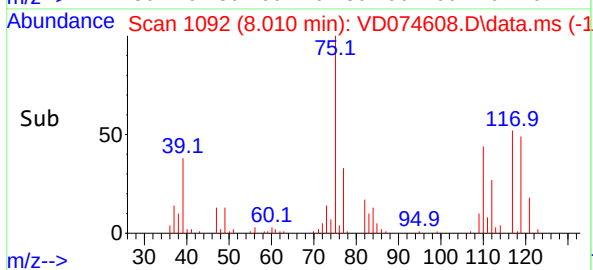
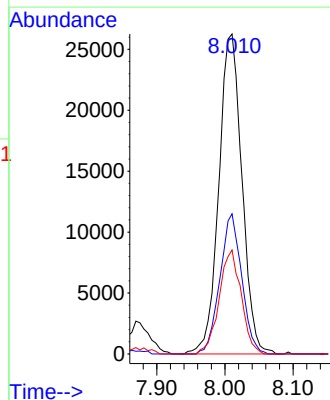
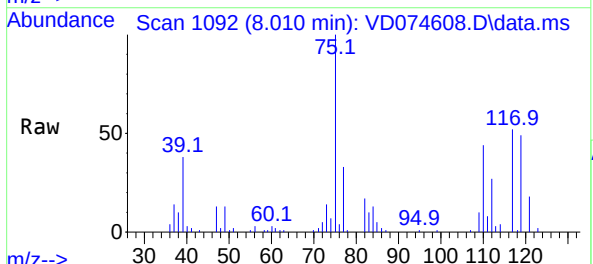
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

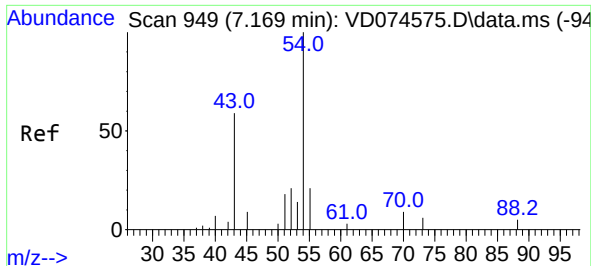
Tgt Ion:113 Resp: 37606
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 20.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 49.740 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 75 Resp: 62041
Ion Ratio Lower Upper
75 100
110 41.2 19.7 59.0
77 31.0 25.4 38.2



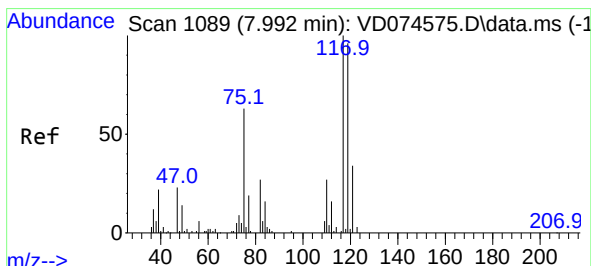
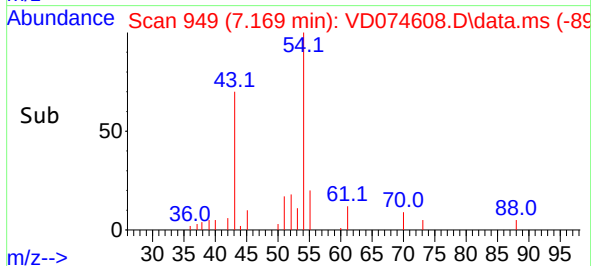
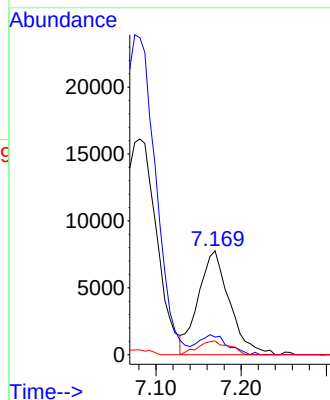
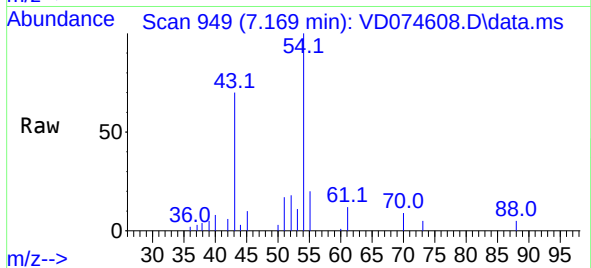


#37
Ethyl Acetate
Concen: 50.174 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tgt Ion: 43 Resp: 19745

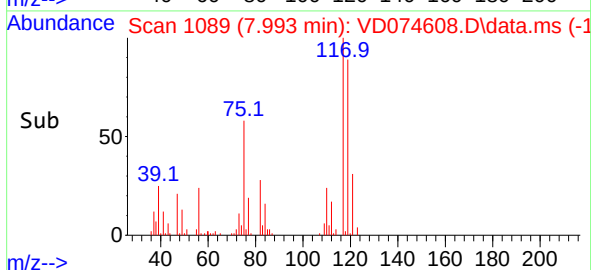
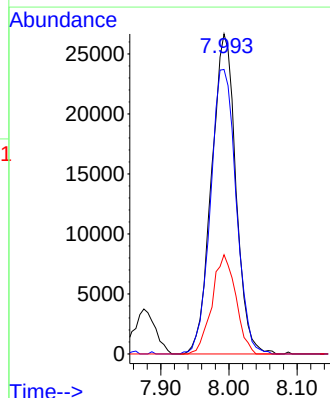
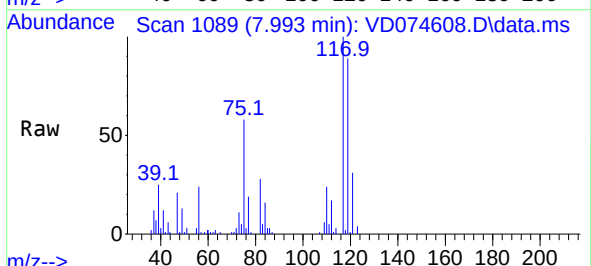
Ion	Ratio	Lower	Upper
43	100		
61	17.6	12.2	18.4
70	13.1	9.6	14.4

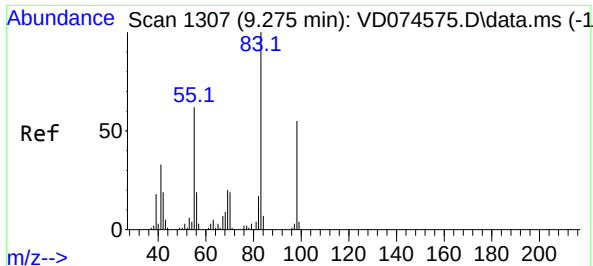


#38
Carbon Tetrachloride
Concen: 54.219 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 117 Resp: 66222

Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.1	109.7
121	31.0	25.0	37.6





#39

Methylcyclohexane

Concen: 51.267 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

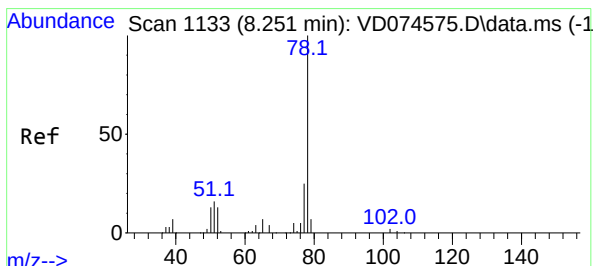
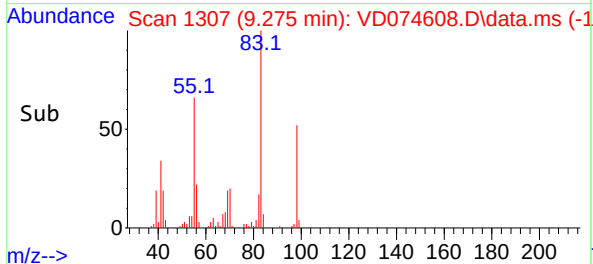
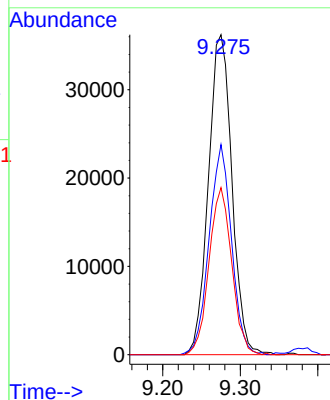
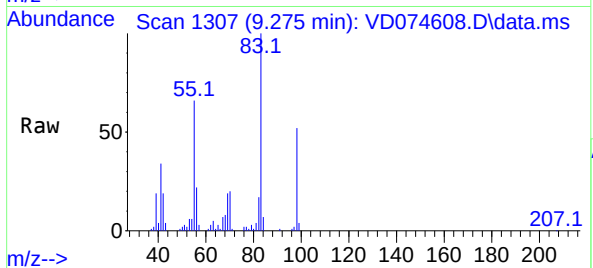
Tgt Ion: 83 Resp: 76404

Ion Ratio Lower Upper

83 100

55 65.7 49.0 73.4

98 52.2 41.7 62.5



#40

Benzene

Concen: 51.968 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074608.D

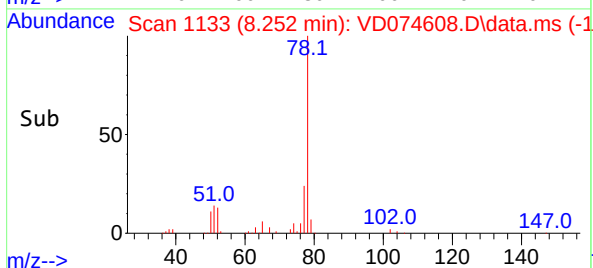
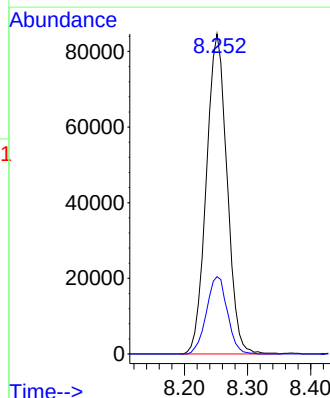
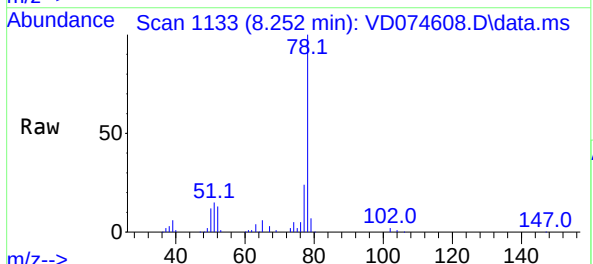
Acq: 21 Oct 2022 11:15

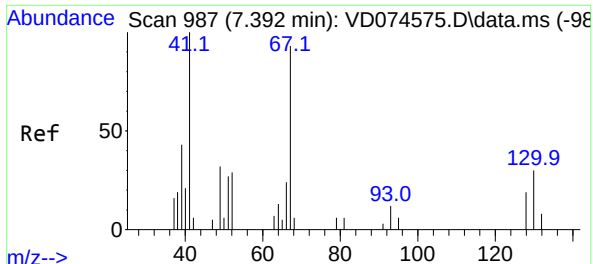
Tgt Ion: 78 Resp: 192373

Ion Ratio Lower Upper

78 100

77 24.2 20.1 30.1

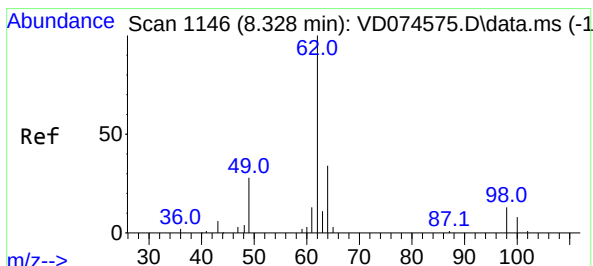
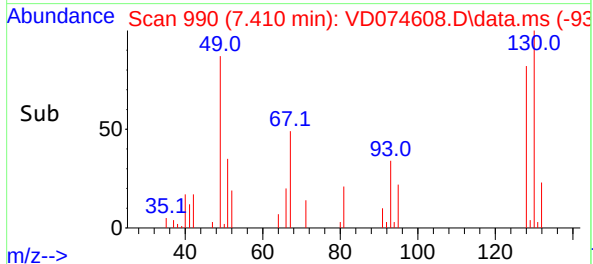
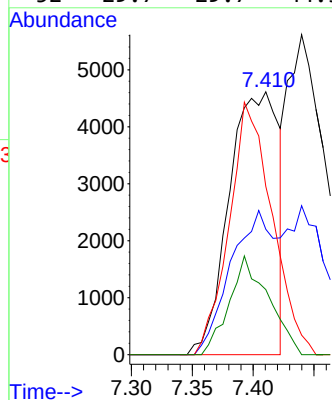
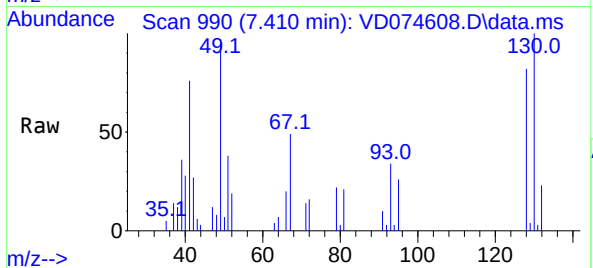




#41
Methacrylonitrile
Concen: 61.473 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

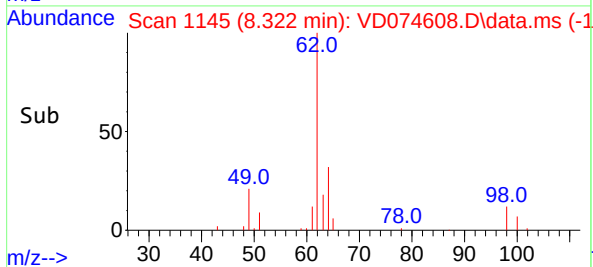
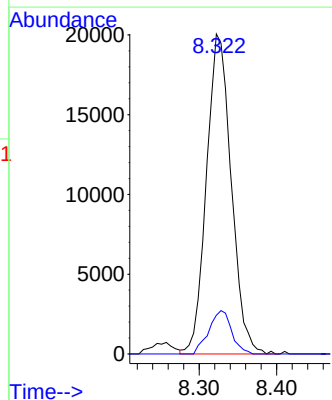
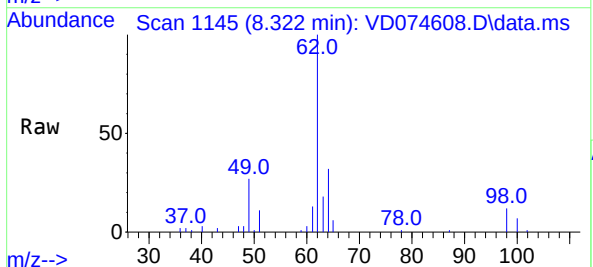
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

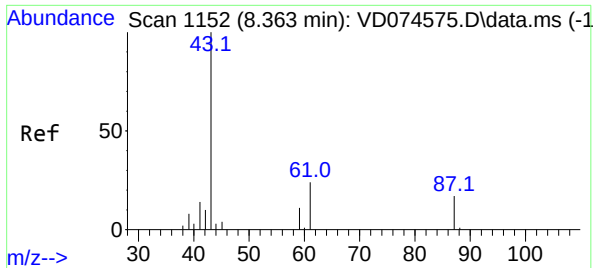
Tgt Ion: 41 Resp: 13034
Ion Ratio Lower Upper
41 100
39 45.6 35.0 52.6
67 83.4 77.0 115.6
52 29.7 29.7 44.5



#42
1,2-Dichloroethane
Concen: 52.128 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 62 Resp: 44529
Ion Ratio Lower Upper
62 100
98 12.4 0.0 24.2

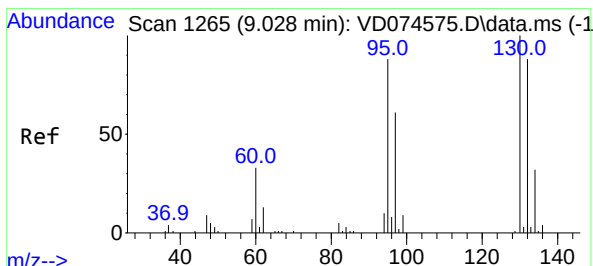
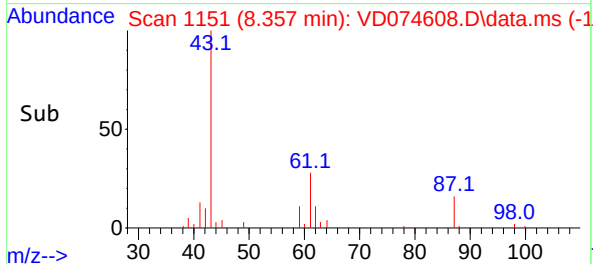
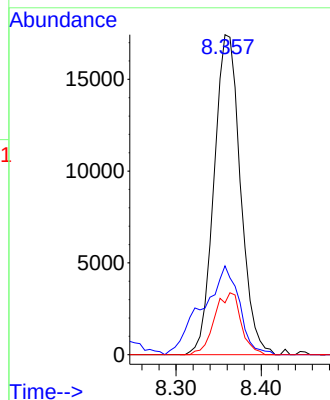
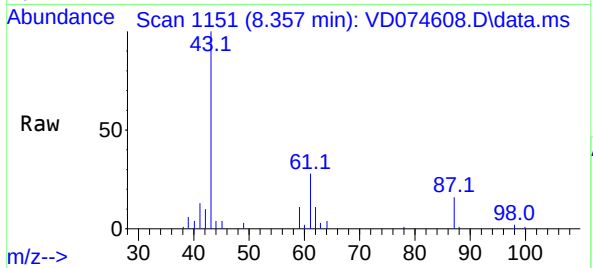




#43
Isopropyl Acetate
Concen: 51.310 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

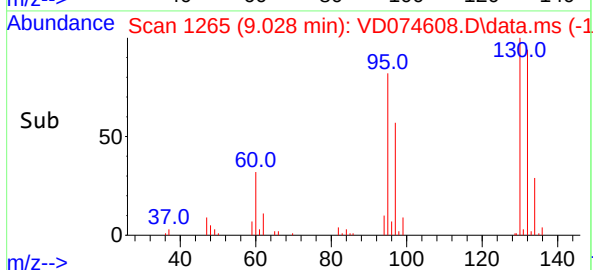
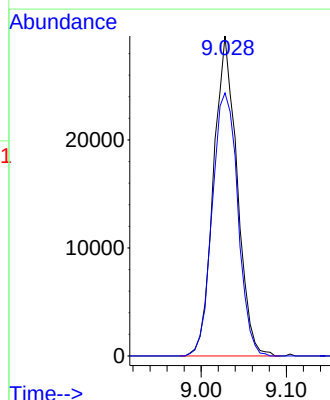
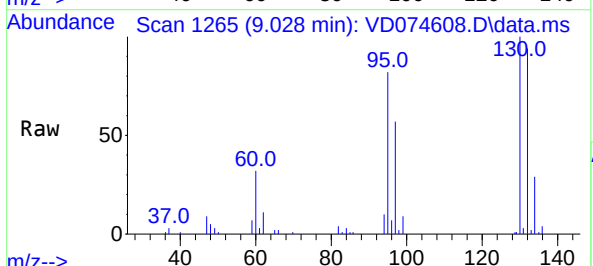
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

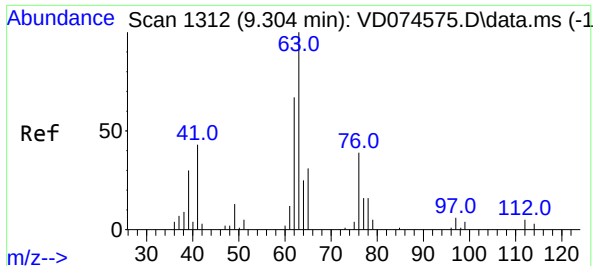
Tgt Ion:	43	Resp:	37526
Ion	Ratio	Lower	Upper
43	100		
61	39.0	30.9	46.3
87	19.4	14.3	21.5



#44
Trichloroethene
Concen: 52.417 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:	130	Resp:	56843
Ion	Ratio	Lower	Upper
130	100		
95	82.2	0.0	185.4

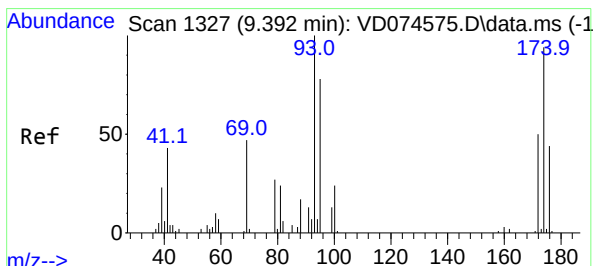
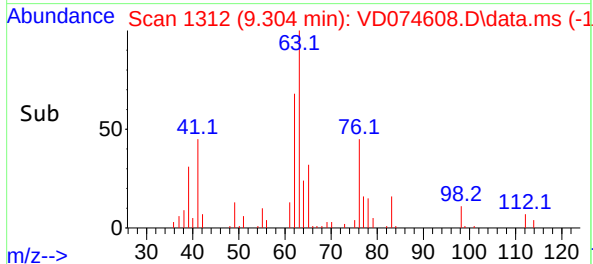
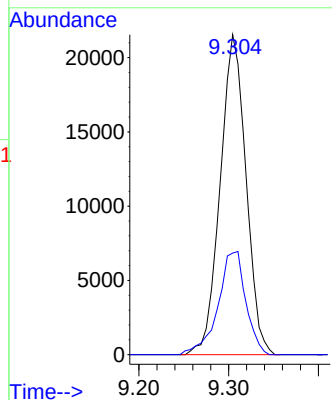
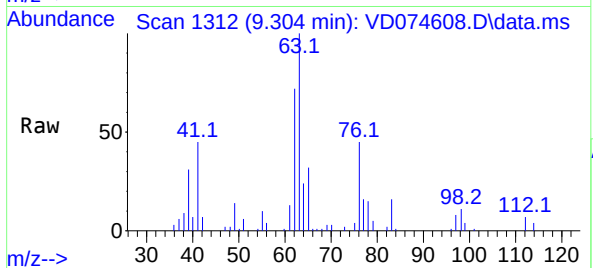




#45
1,2-Dichloropropane
Concen: 52.957 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

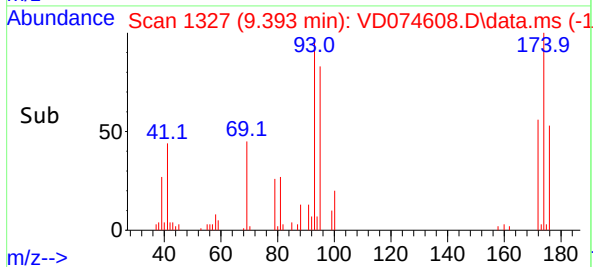
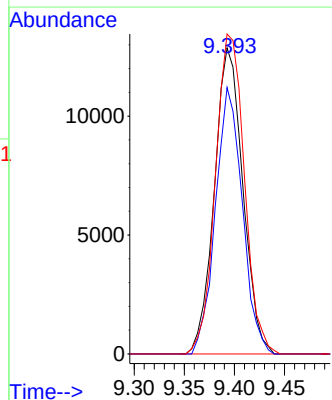
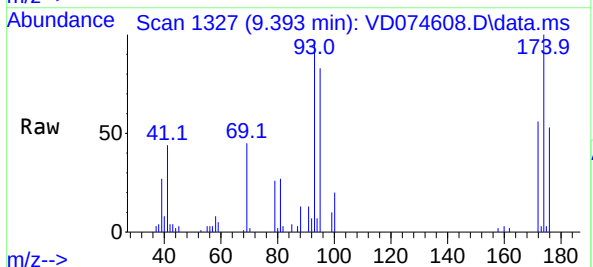
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

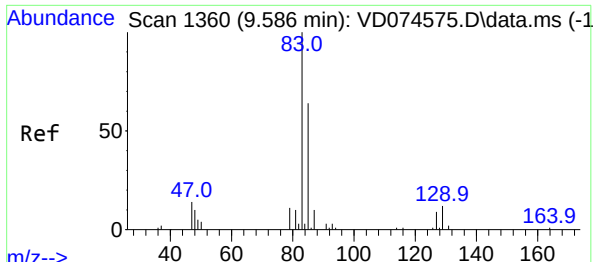
Tgt Ion: 63 Resp: 43021
Ion Ratio Lower Upper
63 100
65 31.8 23.1 34.7



#46
Dibromomethane
Concen: 54.243 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 93 Resp: 25428
Ion Ratio Lower Upper
93 100
95 82.2 68.2 102.2
174 106.2 87.4 131.0

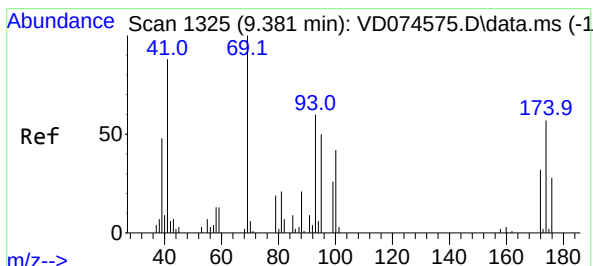
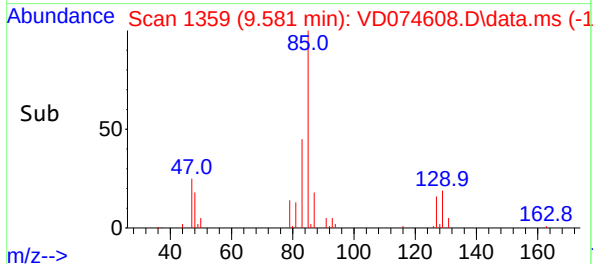
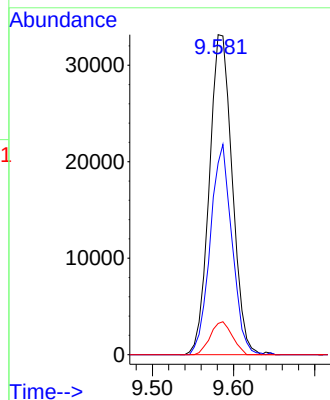
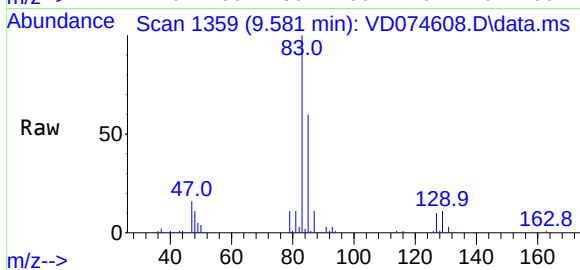




#47
Bromodichloromethane
Concen: 56.088 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

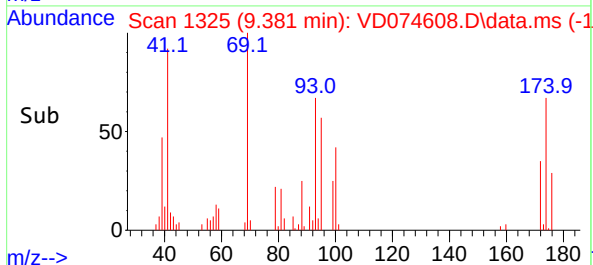
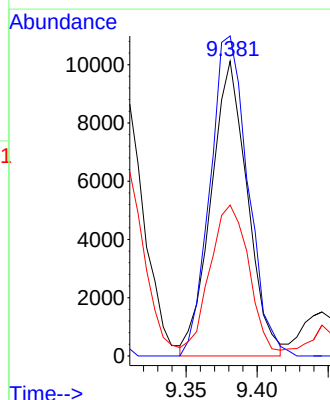
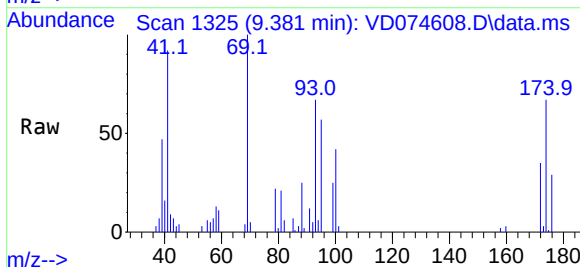
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

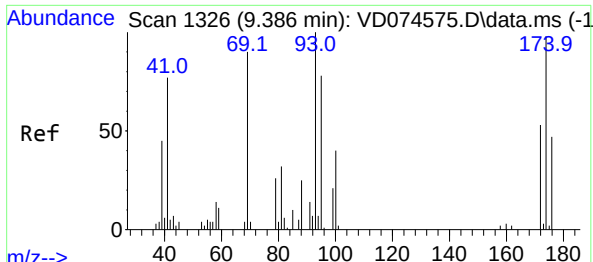
Tgt Ion: 83 Resp: 65054
Ion Ratio Lower Upper
83 100
85 59.8 48.8 73.2
127 9.8 6.7 10.1



#48
Methyl methacrylate
Concen: 54.066 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 41 Resp: 18071
Ion Ratio Lower Upper
41 100
69 113.0 93.0 139.4
39 51.6 44.6 66.8

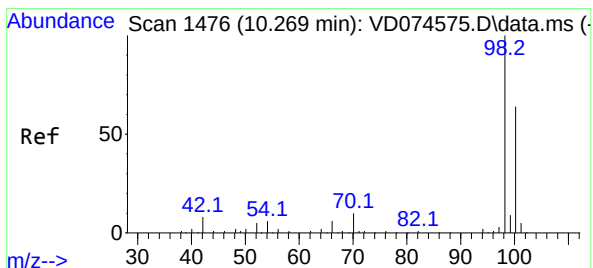
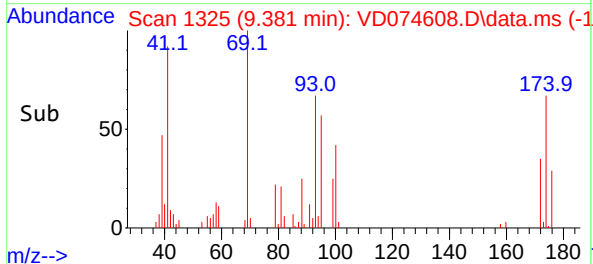
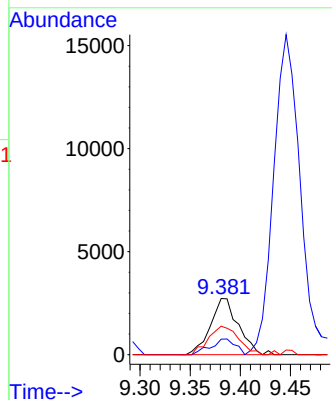
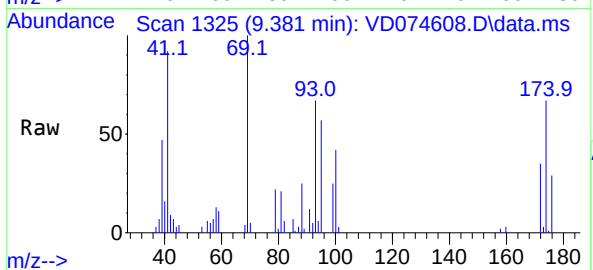




#49
1,4-Dioxane
Concen: 1144.407 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

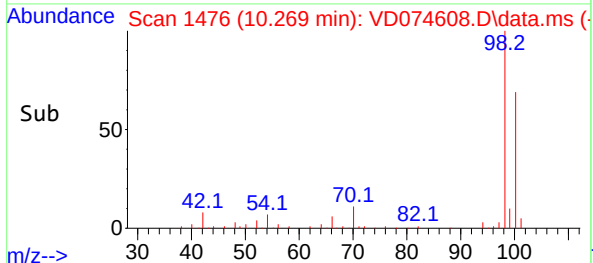
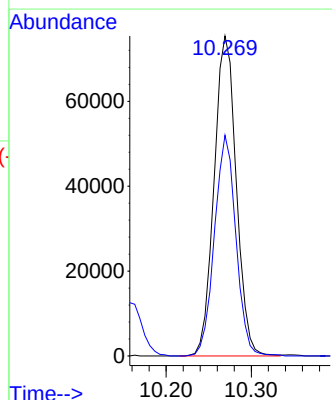
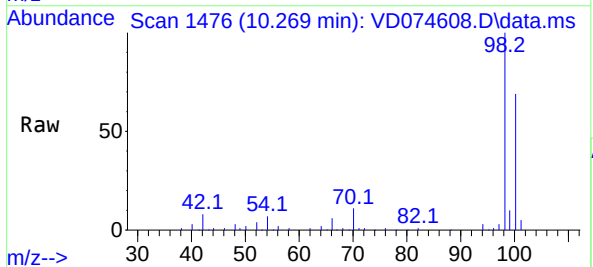
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

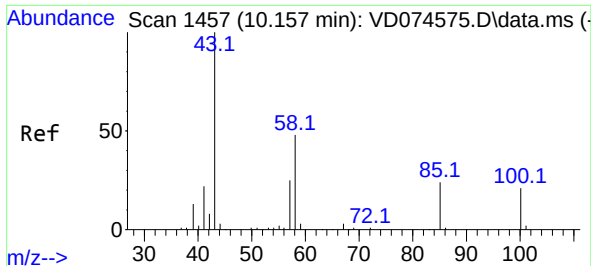
Tgt Ion: 88 Resp: 5280
Ion Ratio Lower Upper
88 100
43 24.6 24.1 36.1
58 54.5 43.1 64.7



#50
Toluene-d8
Concen: 49.005 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 98 Resp: 136185
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

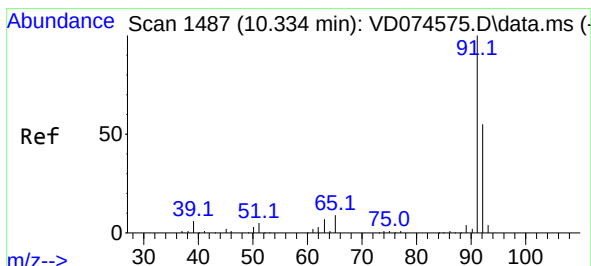
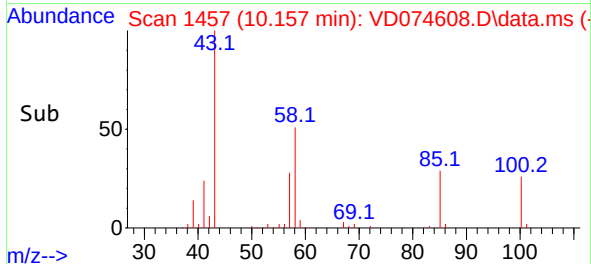
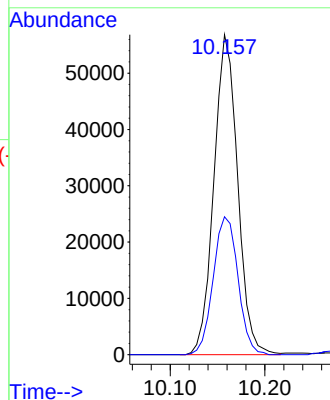
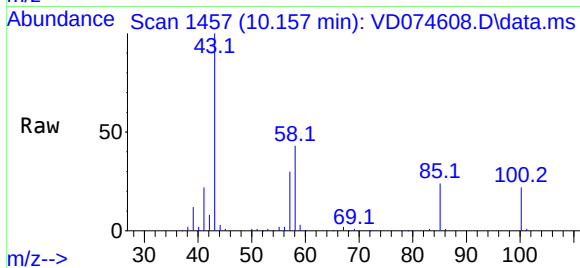




#51
4-Methyl-2-Pentanone
Concen: 272.610 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

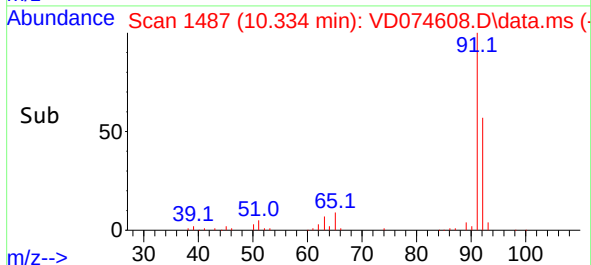
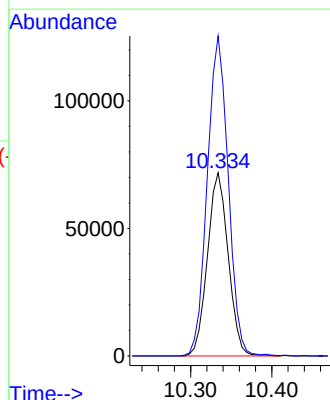
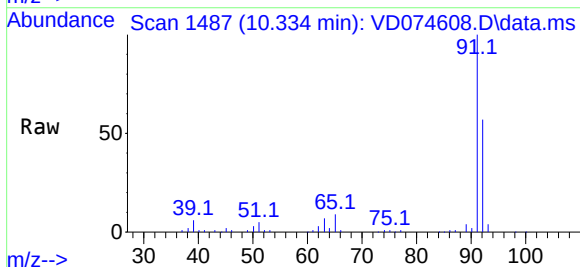
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

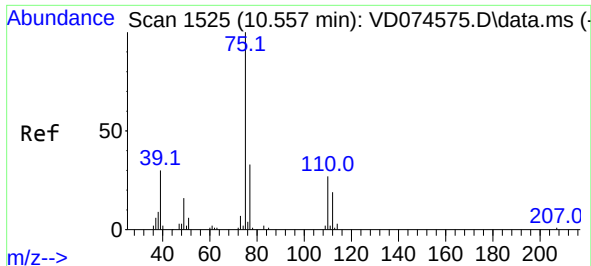
Tgt Ion: 43 Resp: 99169
Ion Ratio Lower Upper
43 100
58 44.9 37.8 56.6



#52
Toluene
Concen: 55.838 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 92 Resp: 127475
Ion Ratio Lower Upper
92 100
91 176.3 139.0 208.4

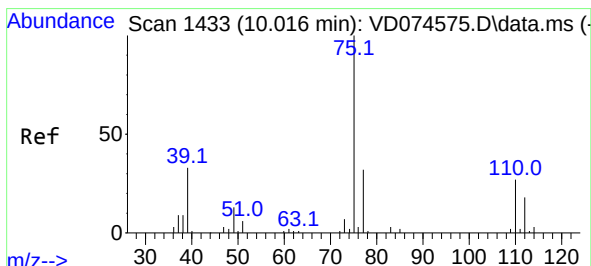
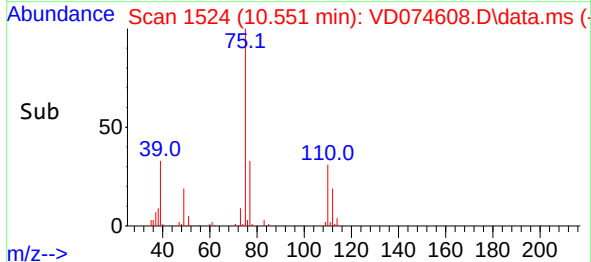
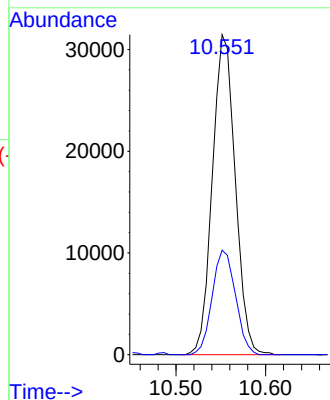
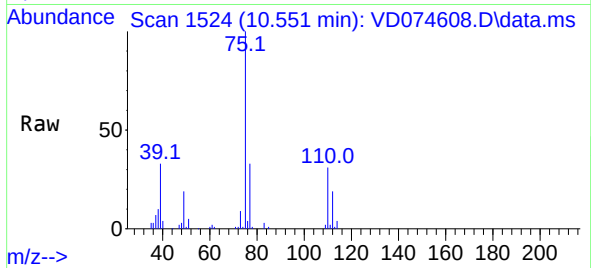




#53
t-1,3-Dichloropropene
Concen: 54.652 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

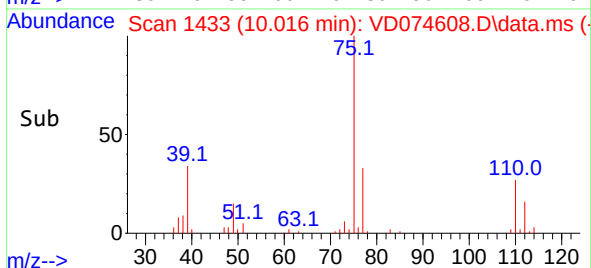
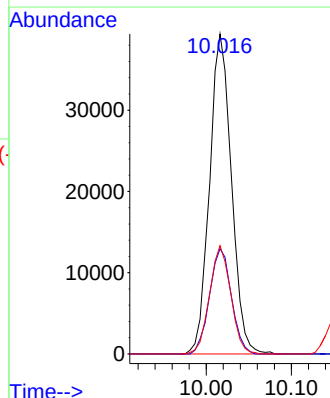
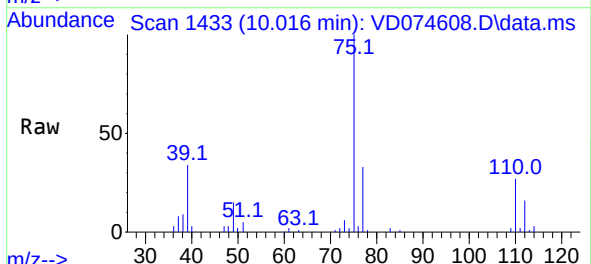
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

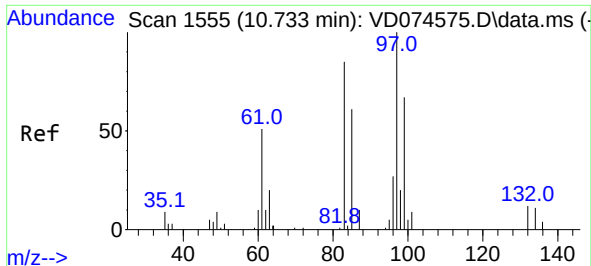
Tgt Ion: 75 Resp: 55732
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 54.654 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 75 Resp: 70274
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 33.8 25.4 38.2



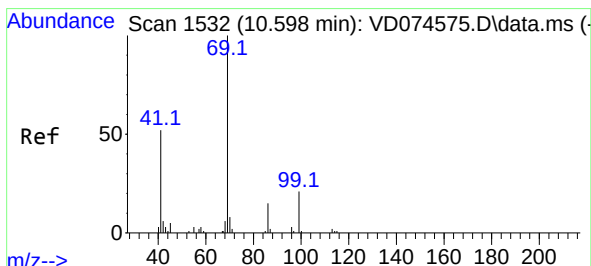
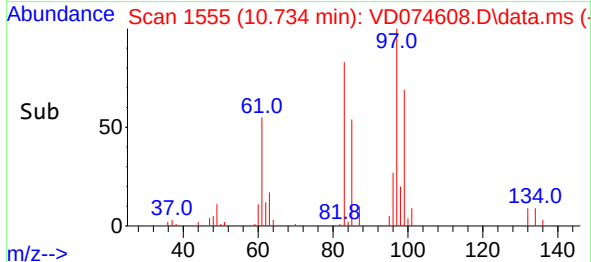
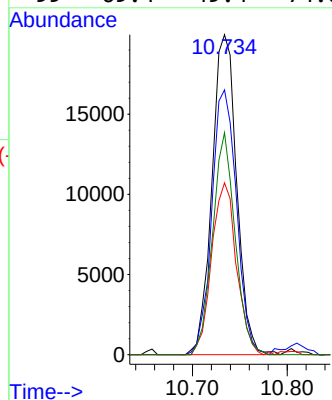
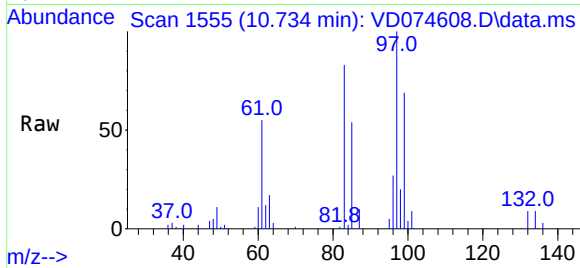


#55
1,1,2-Trichloroethane
Concen: 56.122 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tgt Ion: 97 Resp: 36147

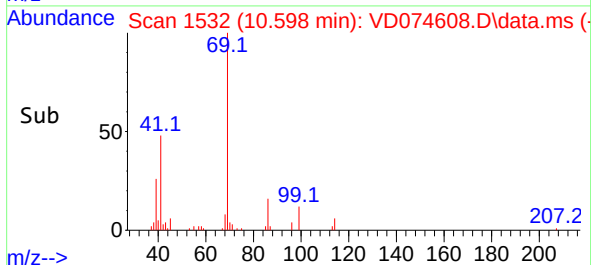
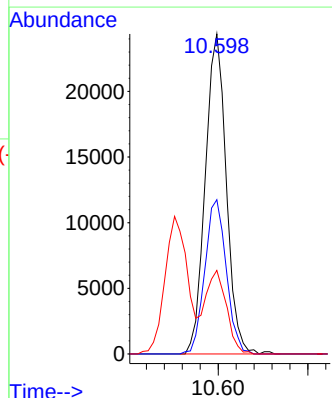
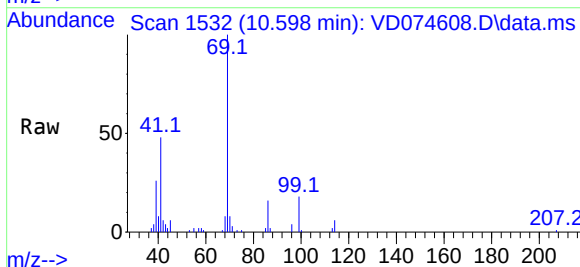
Ion	Ratio	Lower	Upper
97	100		
83	82.8	64.8	97.2
85	53.7	44.8	67.2
99	69.4	49.4	74.0

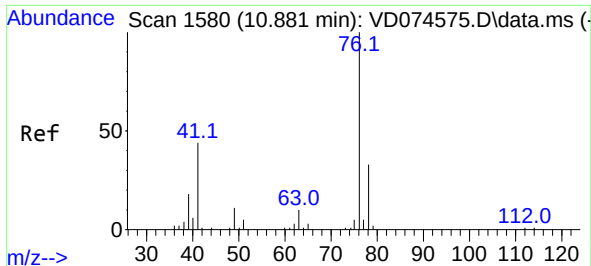


#56
Ethyl methacrylate
Concen: 56.272 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 69 Resp: 39618

Ion	Ratio	Lower	Upper
69	100		
41	49.3	38.6	58.0
39	27.0	19.9	29.9





#57

1,3-Dichloropropane

Concen: 55.181 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

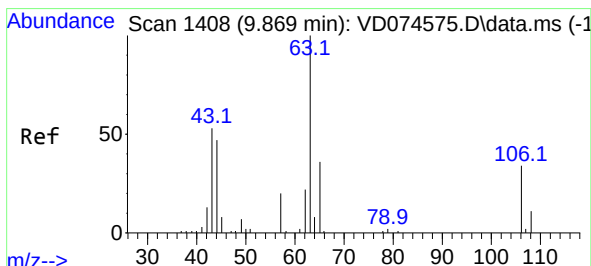
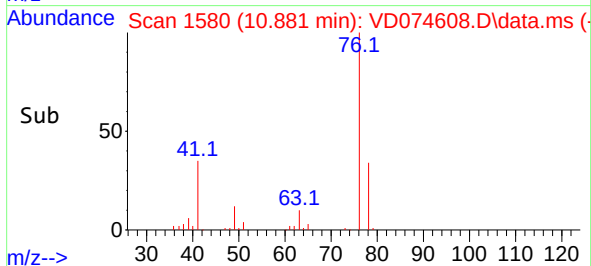
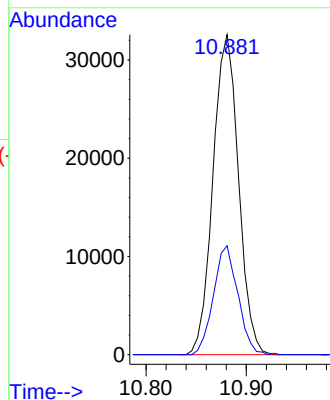
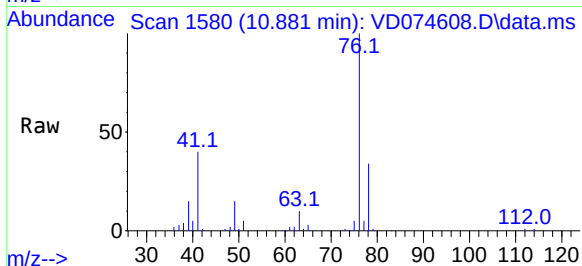
VSTD05006

Tgt Ion: 76 Resp: 57656

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 285.940 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074608.D

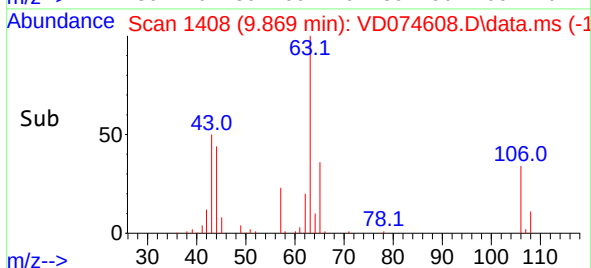
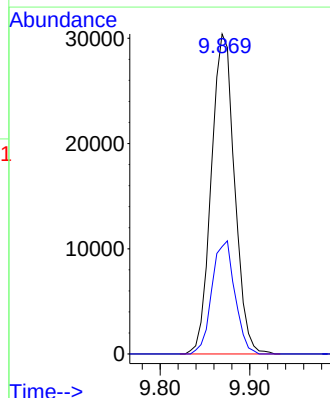
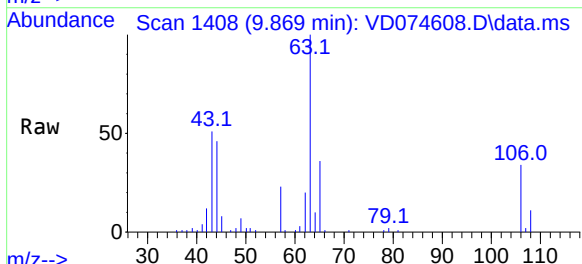
Acq: 21 Oct 2022 11:15

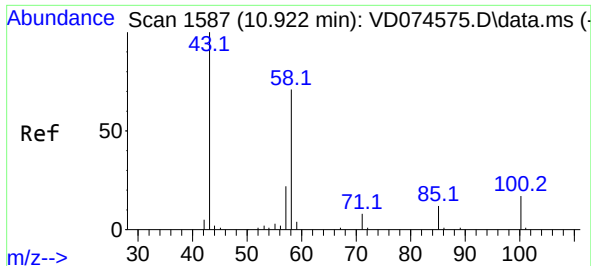
Tgt Ion: 63 Resp: 54652

Ion Ratio Lower Upper

63 100

106 34.8 26.5 39.7

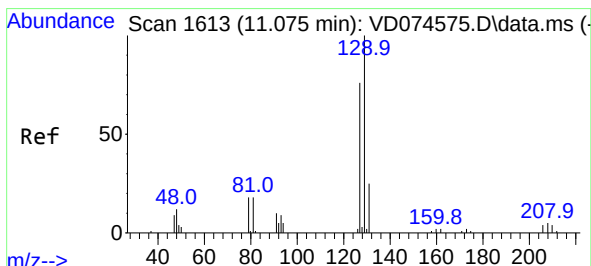
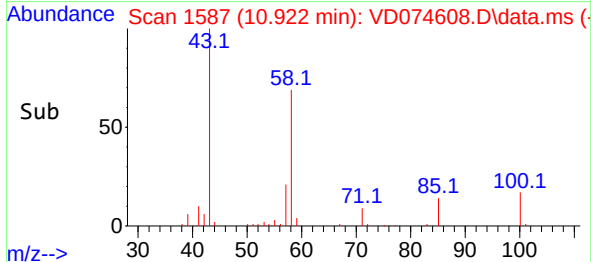
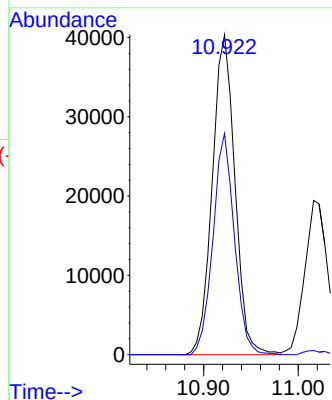
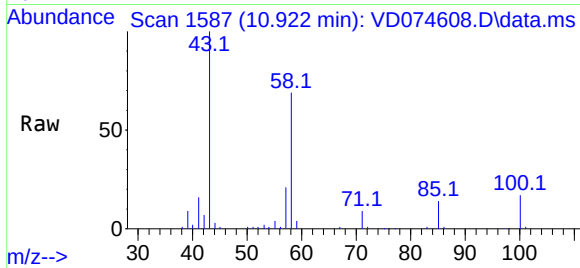




#59
2-Hexanone
Concen: 270.047 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

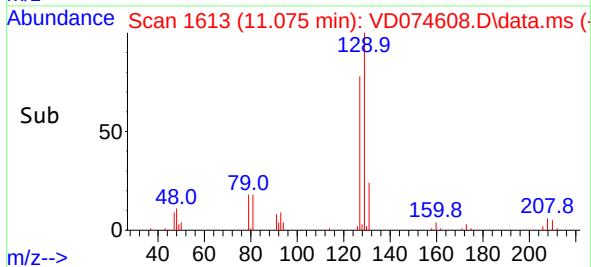
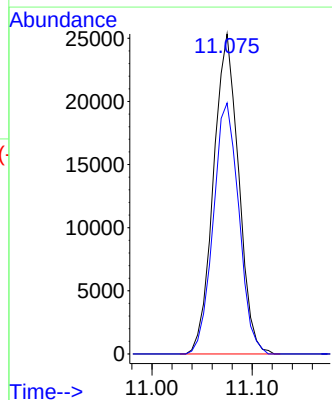
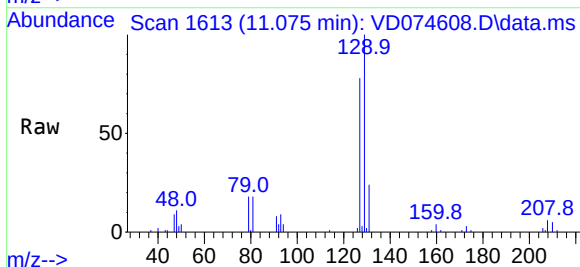
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

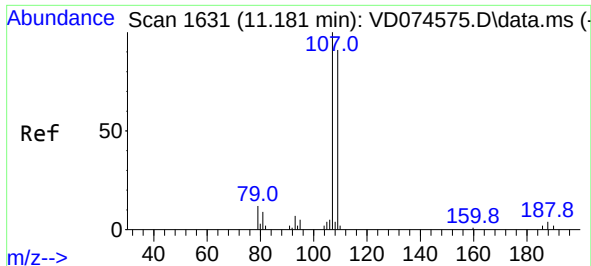
Tgt Ion: 43 Resp: 67051
Ion Ratio Lower Upper
43 100
58 65.4 32.0 96.2



#60
Dibromochloromethane
Concen: 56.898 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 129 Resp: 44172
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.2

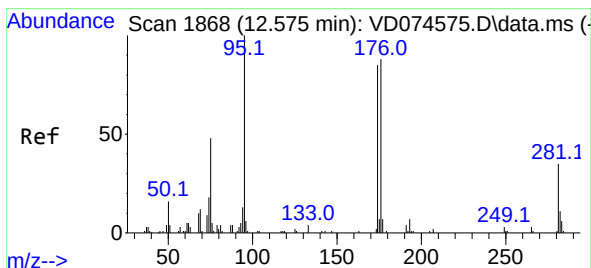
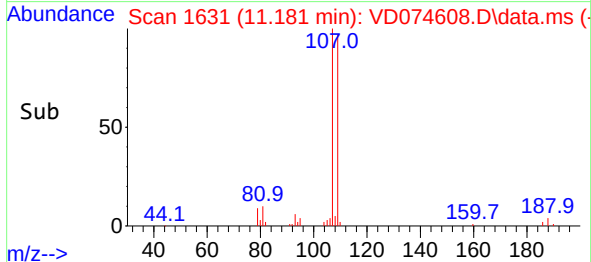
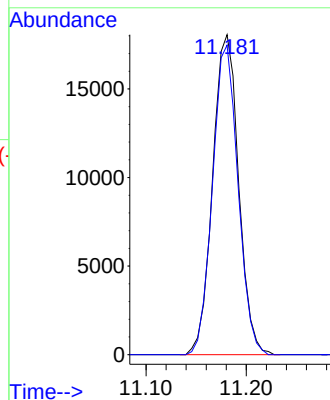
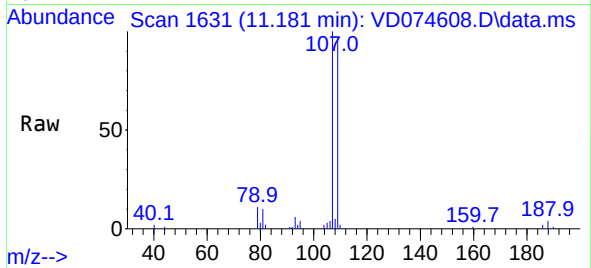




#61
1,2-Dibromoethane
Concen: 55.174 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

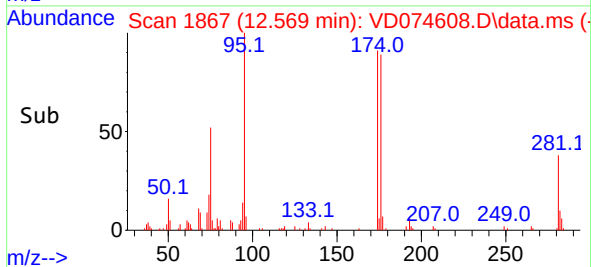
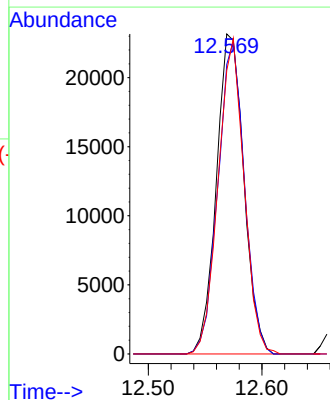
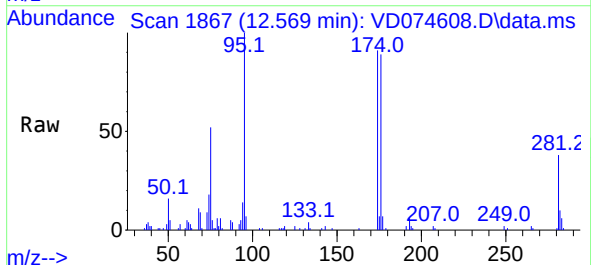
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

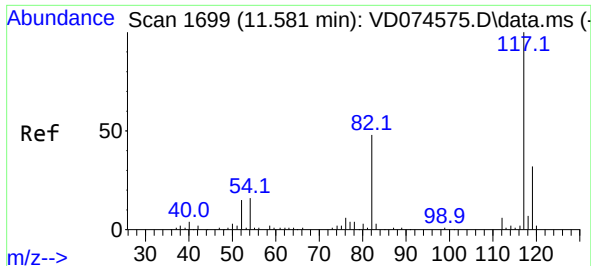
Tgt Ion:107 Resp: 32439
Ion Ratio Lower Upper
107 100
109 95.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 95 Resp: 38742
Ion Ratio Lower Upper
95 100
174 94.5 0.0 197.0
176 93.0 0.0 182.6

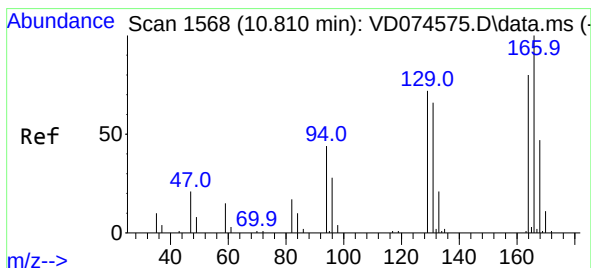
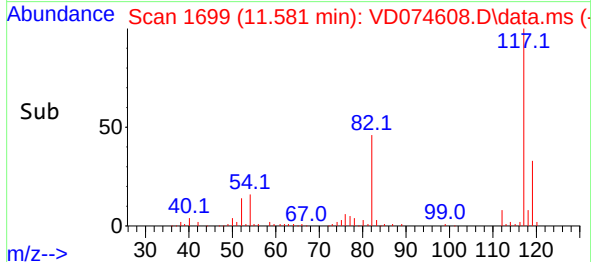
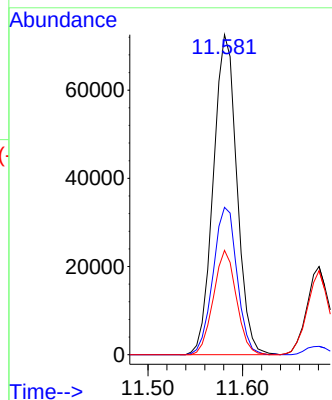
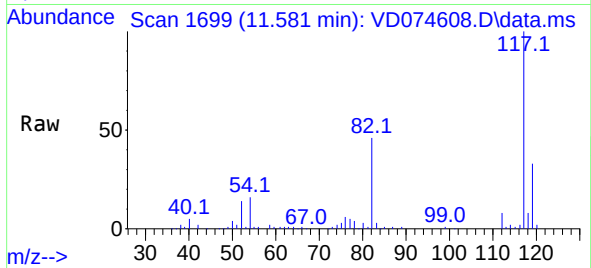




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

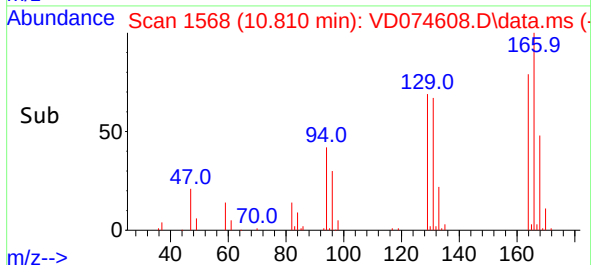
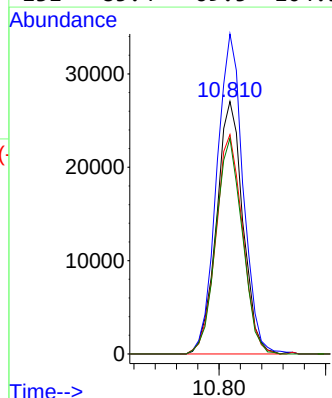
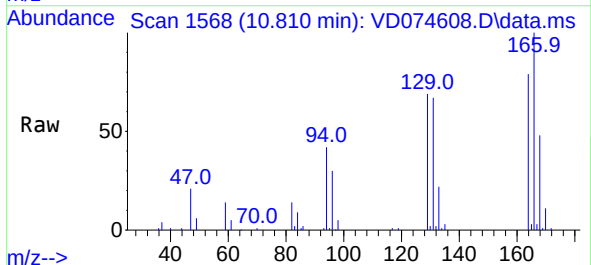
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

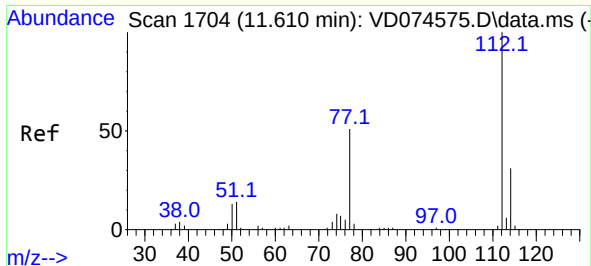
Tgt Ion:117 Resp: 125496
Ion Ratio Lower Upper
117 100
82 46.0 41.6 62.4
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 49.984 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:164 Resp: 46366
Ion Ratio Lower Upper
164 100
166 126.7 107.8 161.8
129 86.9 77.4 116.2
131 85.4 69.5 104.3

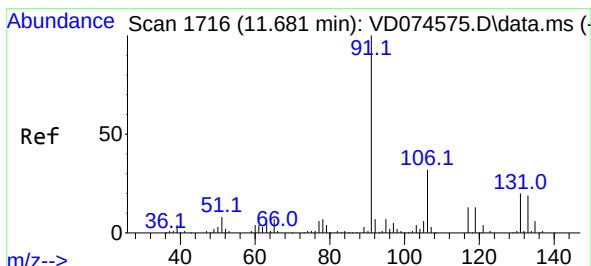
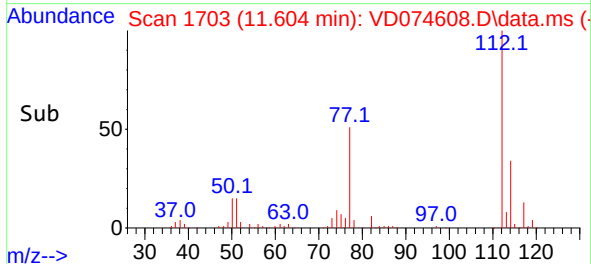
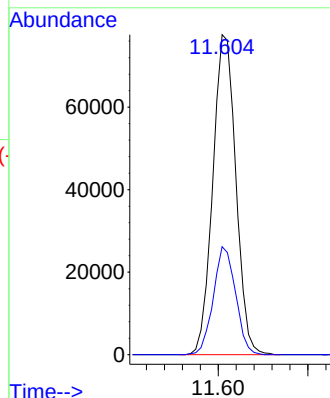
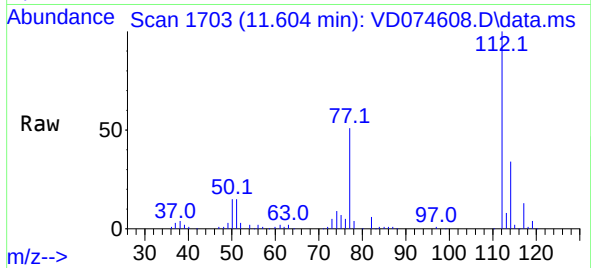




#65
Chlorobenzene
Concen: 52.330 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

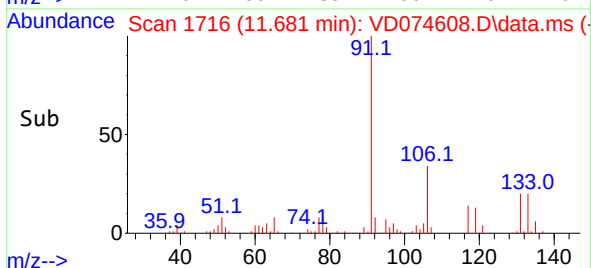
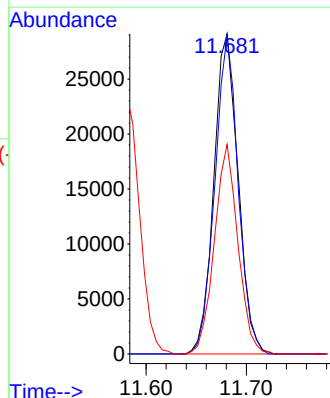
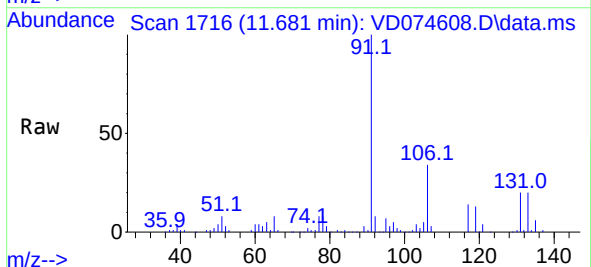
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

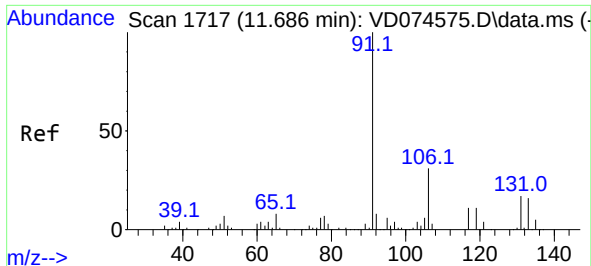
Tgt Ion:112 Resp: 138331
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.839 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:131 Resp: 48896
Ion Ratio Lower Upper
131 100
133 96.1 46.6 139.8
119 63.6 32.5 97.4

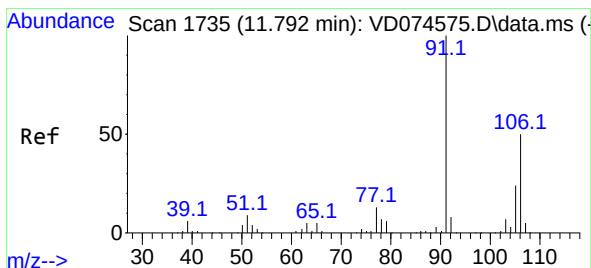
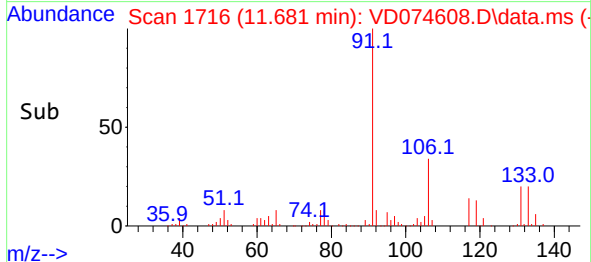
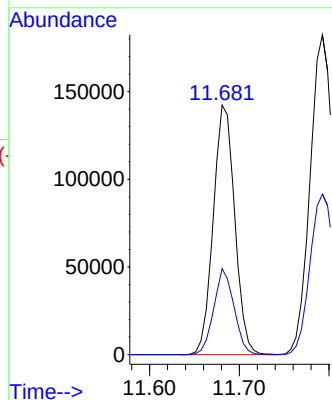
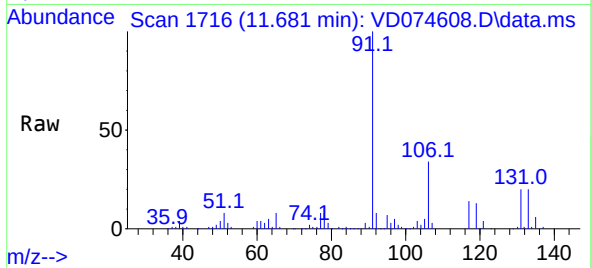




#67
Ethyl Benzene
Concen: 51.429 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

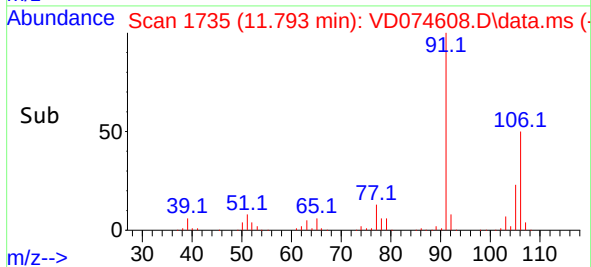
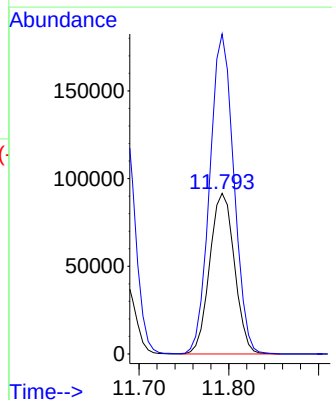
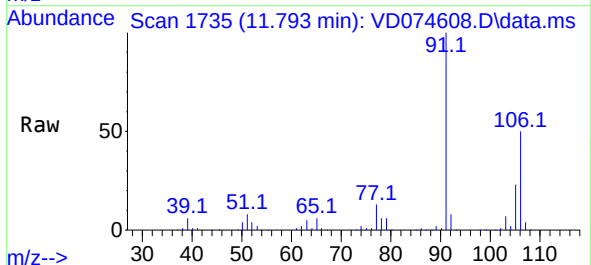
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

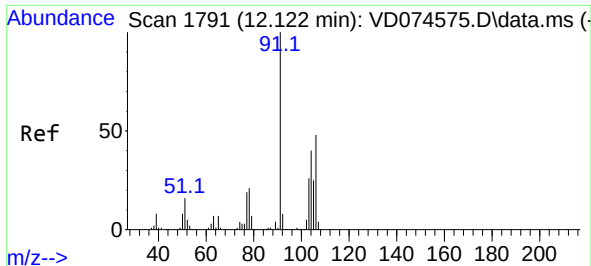
Tgt Ion: 91 Resp: 236732
Ion Ratio Lower Upper
91 100
106 34.5 26.6 40.0



#68
m/p-Xylenes
Concen: 95.938 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 106 Resp: 175588
Ion Ratio Lower Upper
106 100
91 194.0 156.2 234.4

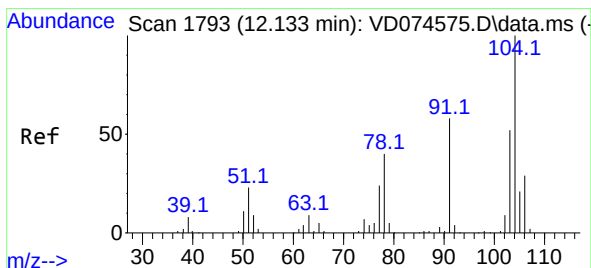
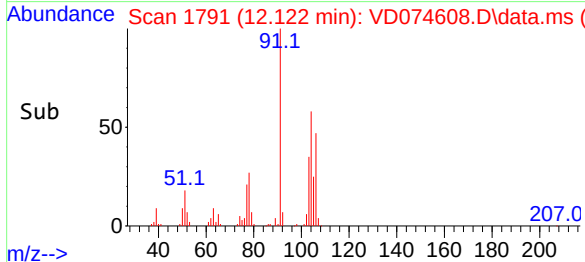
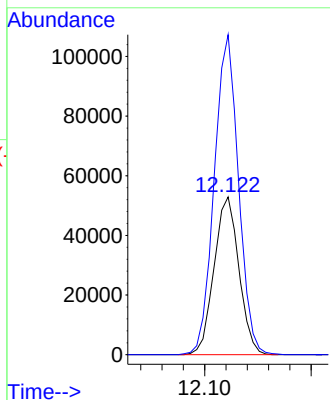
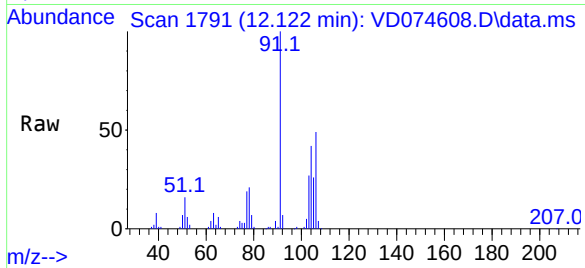




#69
o-Xylene
Concen: 50.173 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

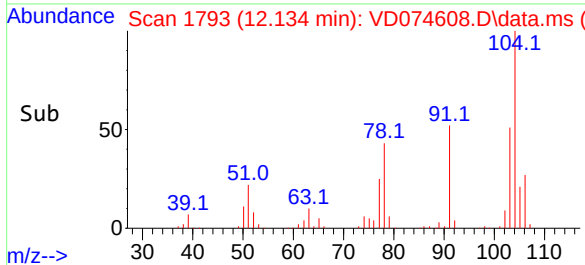
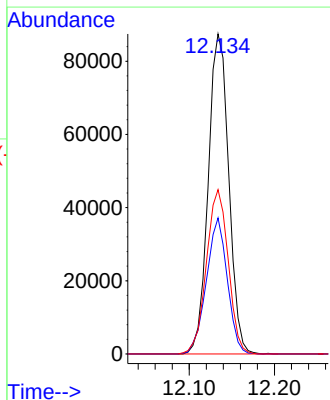
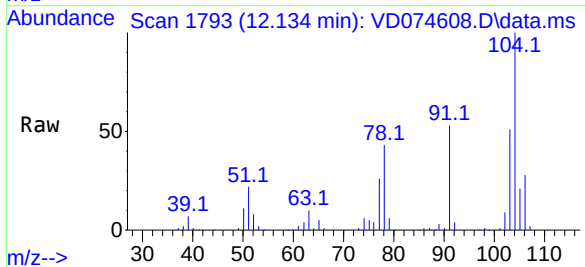
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

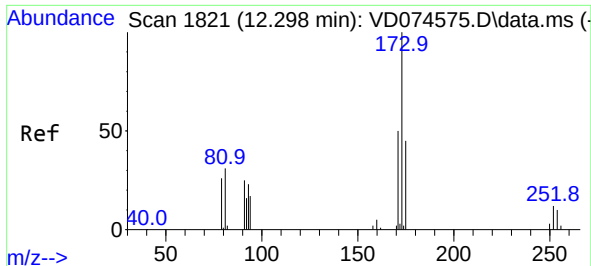
Tgt Ion:106 Resp: 85461
Ion Ratio Lower Upper
106 100
91 198.1 104.5 313.3



#70
Styrene
Concen: 51.008 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:104 Resp: 146322
Ion Ratio Lower Upper
104 100
78 43.4 35.7 53.5
103 54.6 43.7 65.5

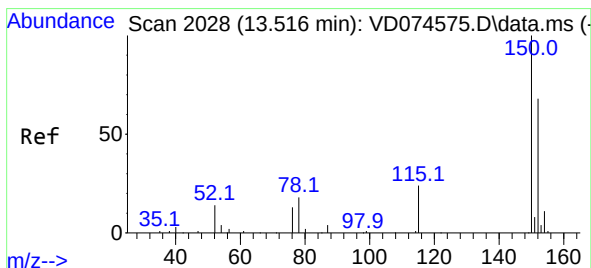
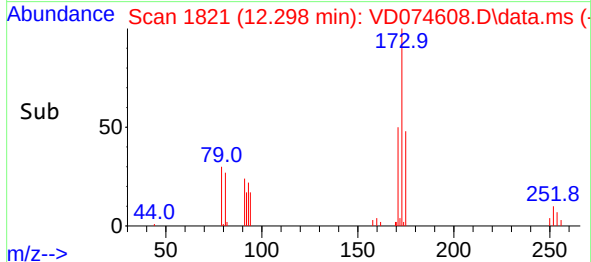
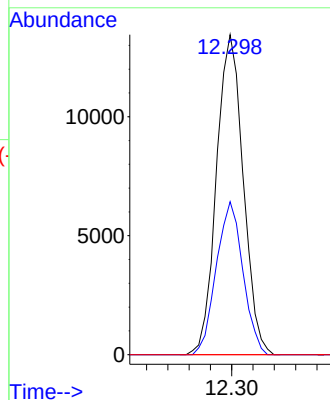
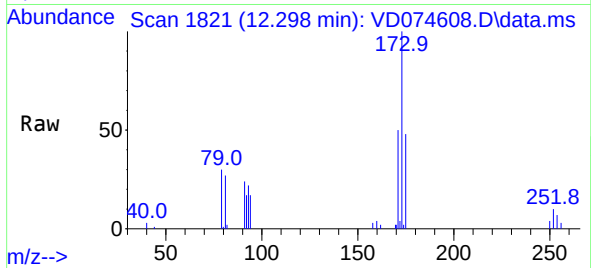




#71
Bromoform
Concen: 49.188 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

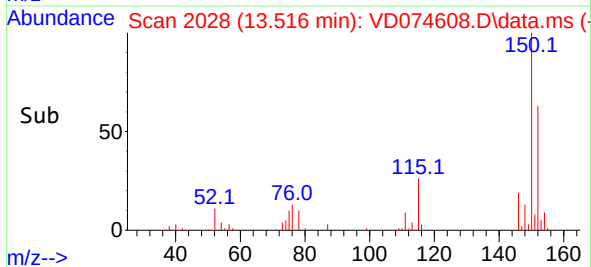
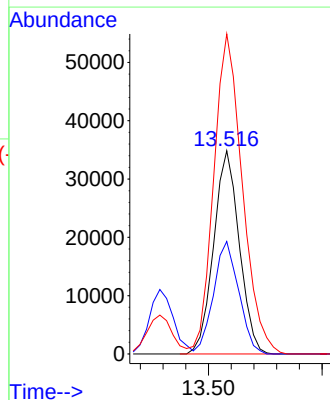
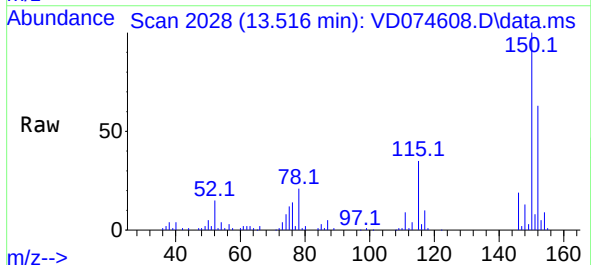
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

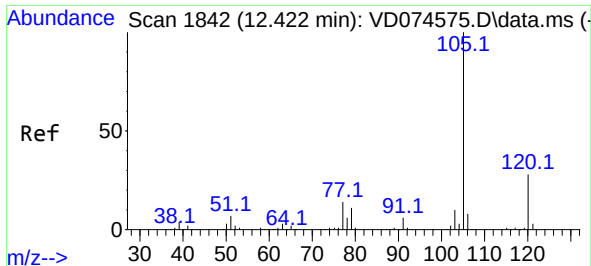
Tgt Ion:173 Resp: 23454
Ion Ratio Lower Upper
173 100
175 47.5 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:152 Resp: 54552
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 176.0 0.0 348.2

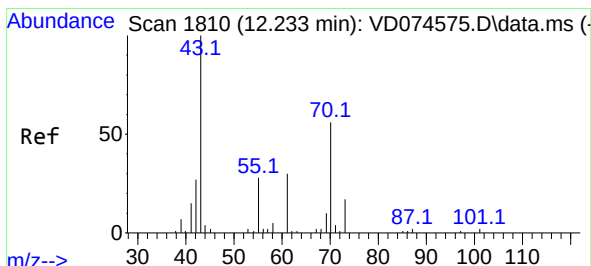
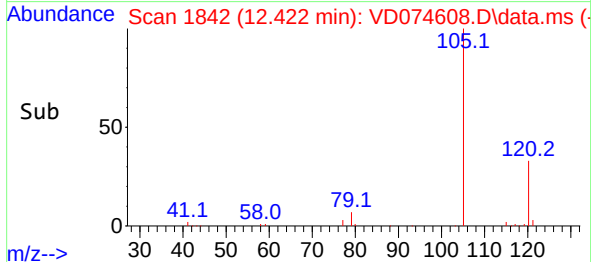
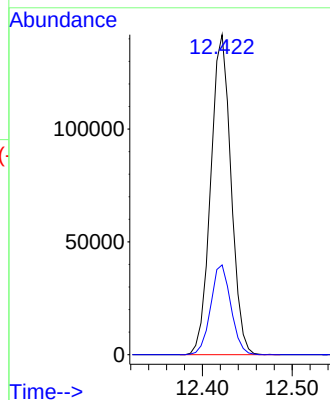
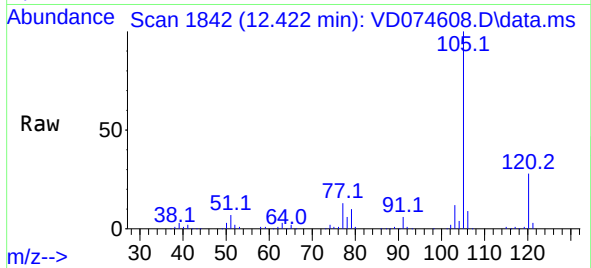




#73
Isopropylbenzene
Concen: 52.222 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

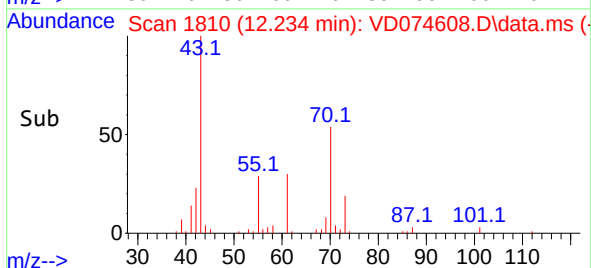
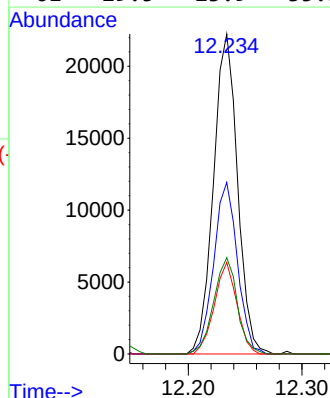
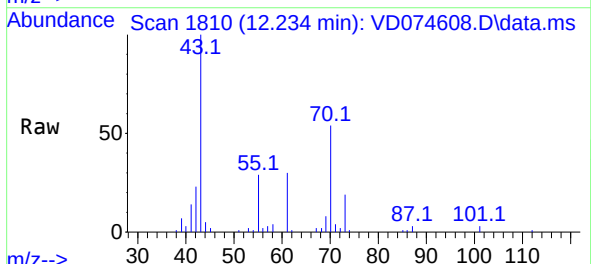
Instrument : MSVOA_D
ClientSampleId : VSTD05006

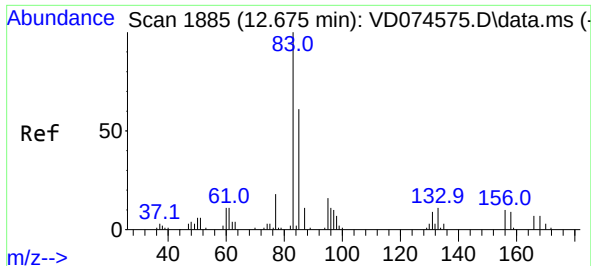
Tgt Ion:105 Resp: 222175
Ion Ratio Lower Upper
105 100
120 28.0 13.5 40.4



#74
N-ethyl acetate
Concen: 52.031 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 43 Resp: 32719
Ion Ratio Lower Upper
43 100
70 53.0 43.8 65.6
55 26.8 22.0 33.0
61 29.5 23.9 35.9

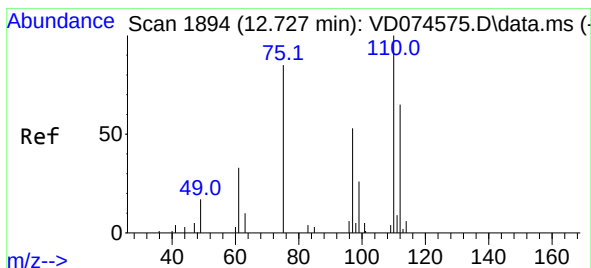
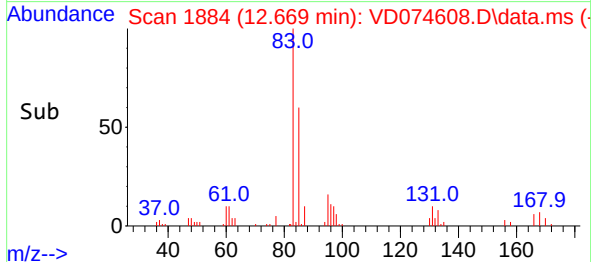
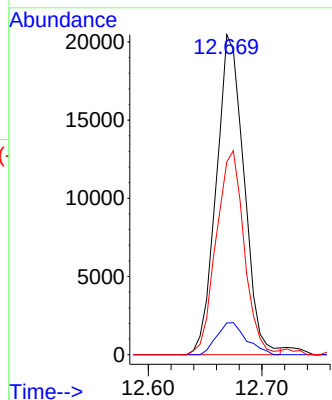
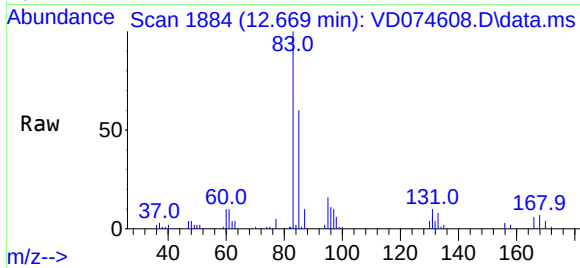




#75
1,1,2,2-Tetrachloroethane
Concen: 51.527 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

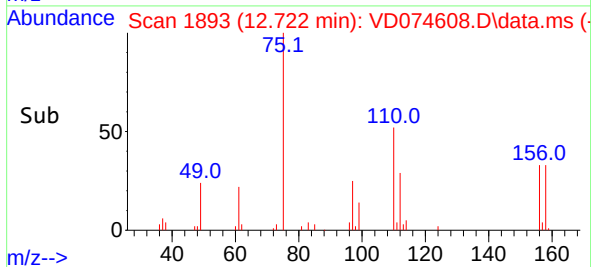
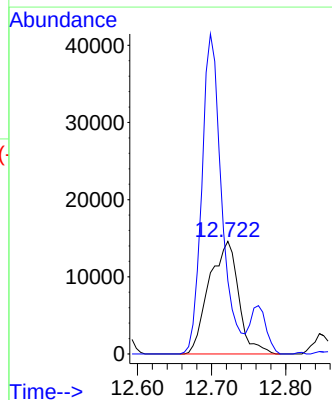
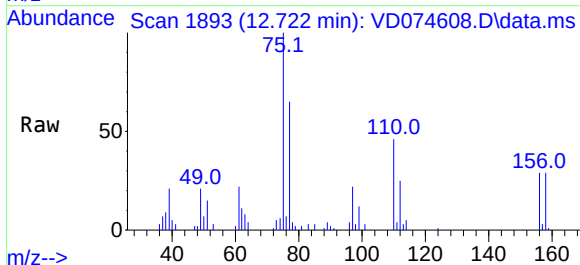
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

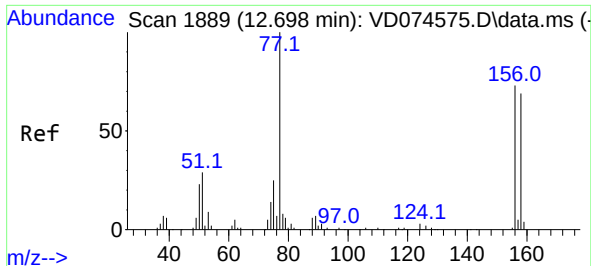
Tgt Ion: 83 Resp: 34704
Ion Ratio Lower Upper
83 100
131 10.6 4.7 14.1
85 64.2 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 84.804 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 75 Resp: 40395
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

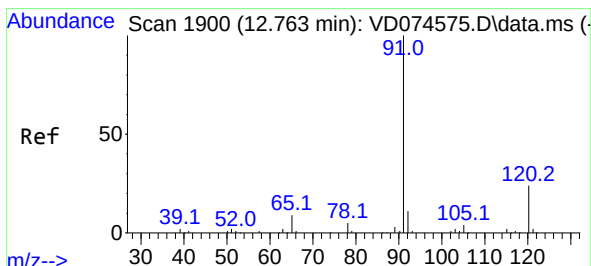
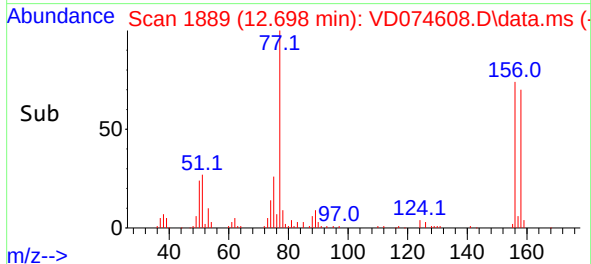
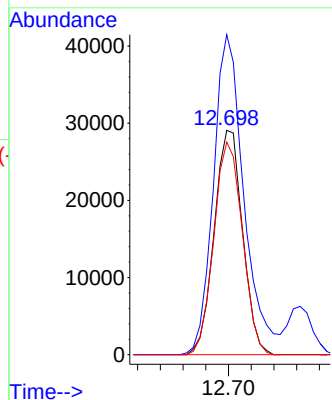
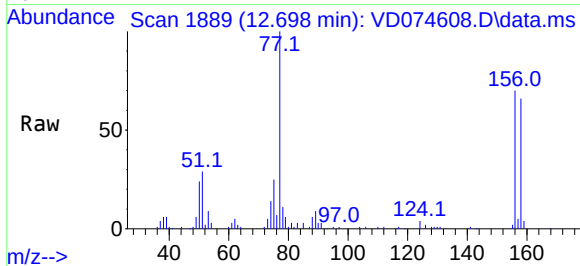




#77
Bromobenzene
Concen: 52.635 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

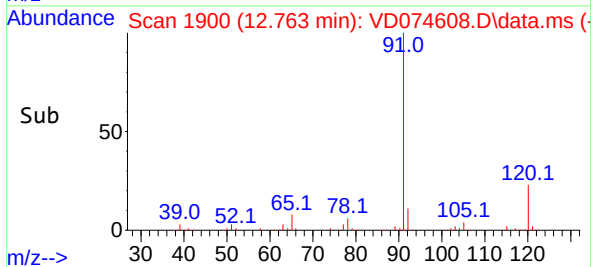
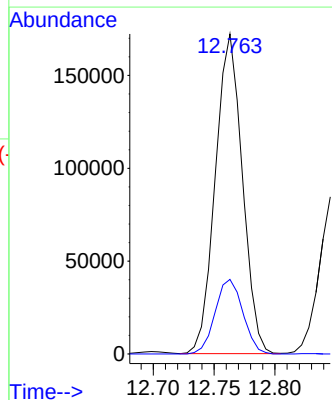
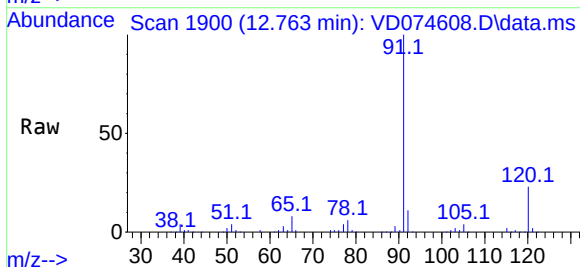
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

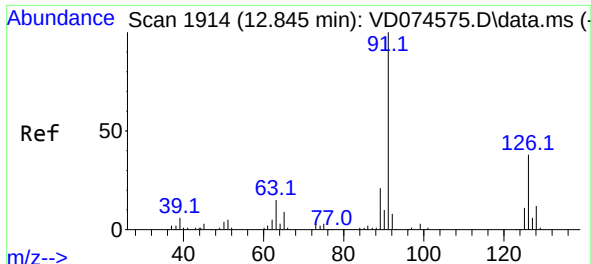
Tgt Ion:156 Resp: 50540
Ion Ratio Lower Upper
156 100
77 153.3 77.7 233.1
158 95.1 49.4 148.2



#78
n-propylbenzene
Concen: 52.911 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 91 Resp: 266032
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.7

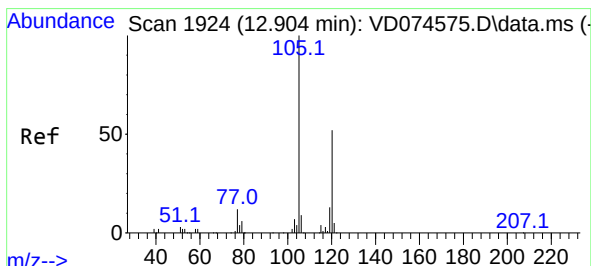
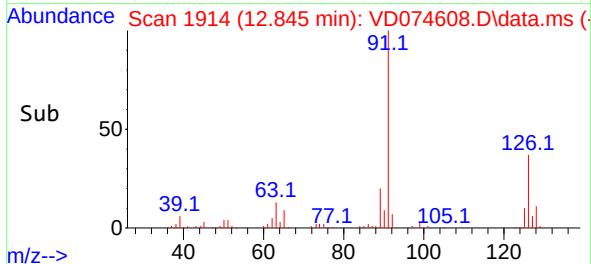
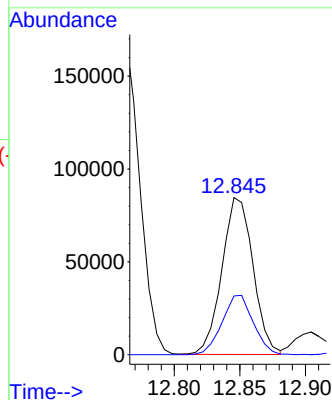
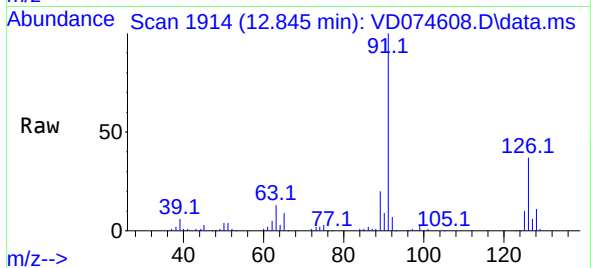




#79
2-Chlorotoluene
Concen: 51.358 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

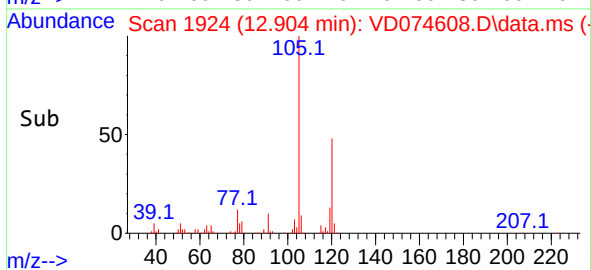
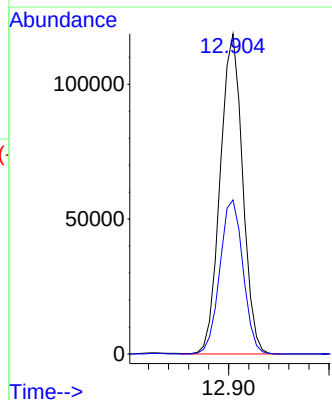
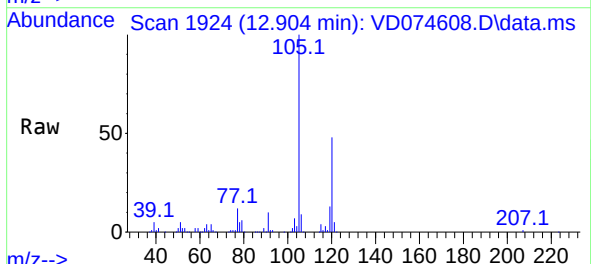
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

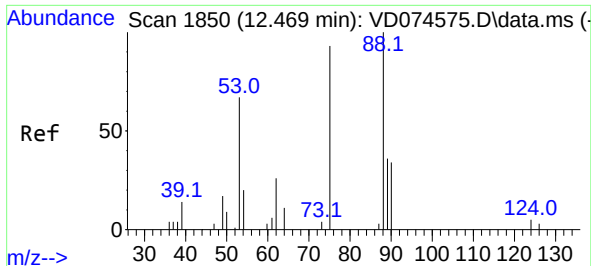
Tgt Ion: 91 Resp: 139893
Ion Ratio Lower Upper
91 100
126 37.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 53.355 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 105 Resp: 184266
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.0

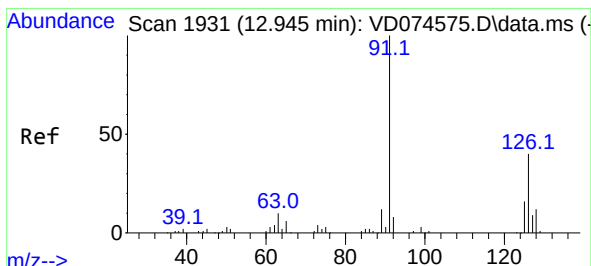
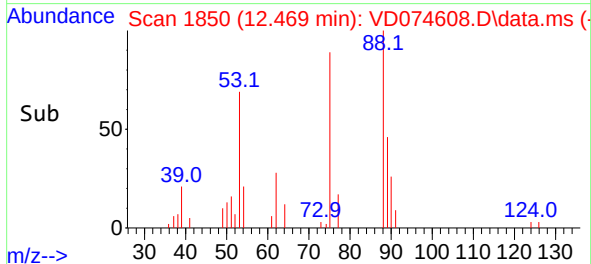
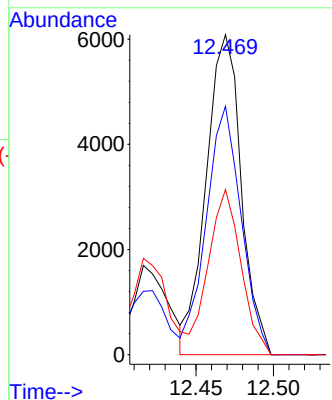
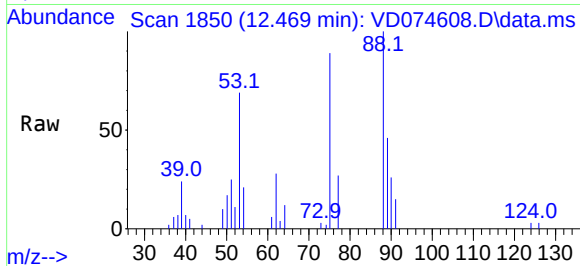




#81
trans-1,4-Dichloro-2-butene
Concen: 51.402 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

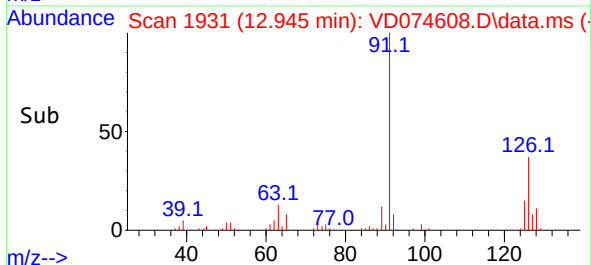
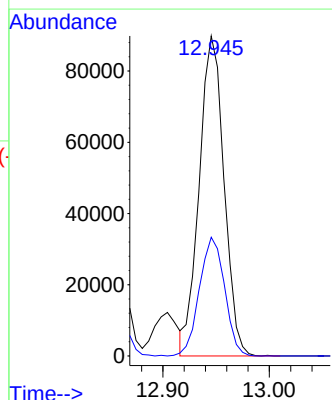
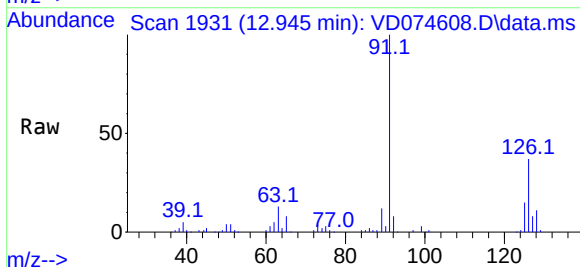
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

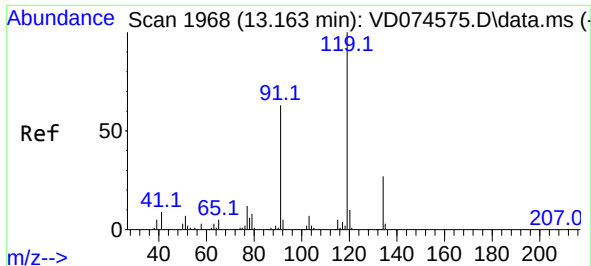
Tgt Ion: 75 Resp: 9581
Ion Ratio Lower Upper
75 100
53 77.4 63.8 95.6
89 47.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 51.985 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 91 Resp: 145479
Ion Ratio Lower Upper
91 100
126 37.7 18.8 56.4

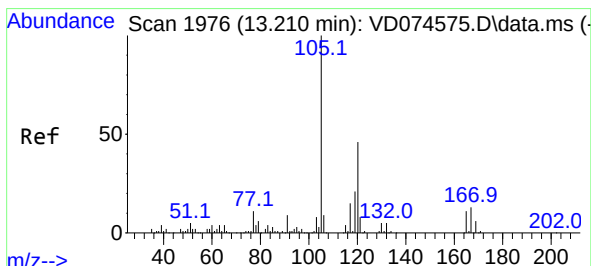
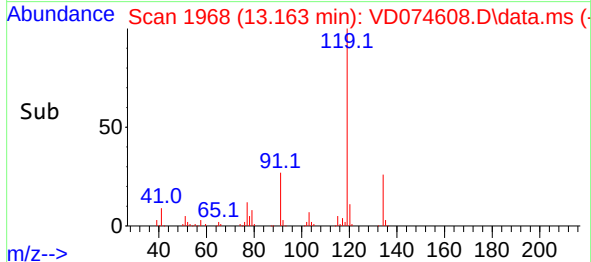
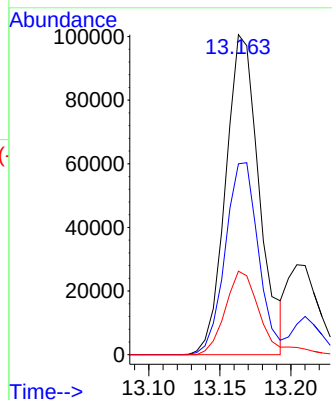
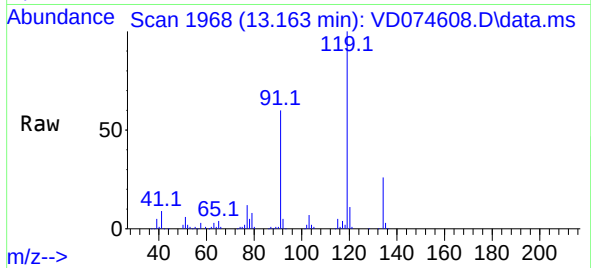




#83
tert-Butylbenzene
Concen: 53.606 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

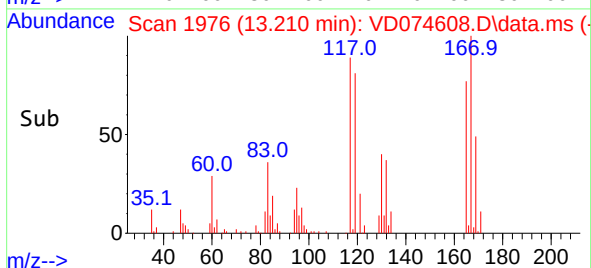
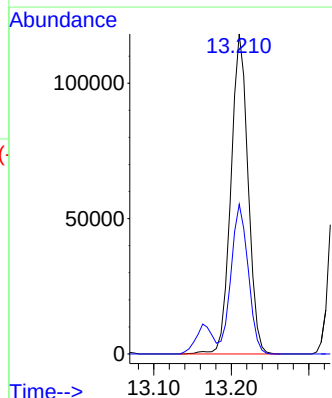
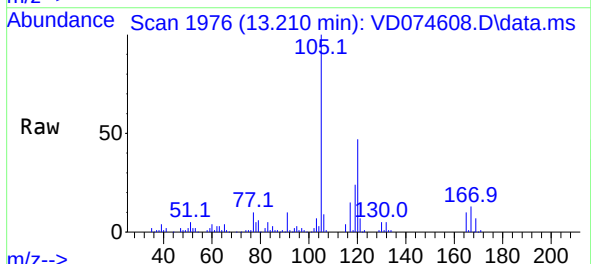
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

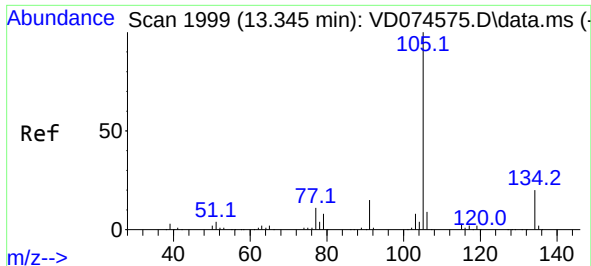
Tgt Ion:119 Resp: 165154
Ion Ratio Lower Upper
119 100
91 59.3 30.0 90.0
134 27.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 53.536 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:105 Resp: 181943
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.7

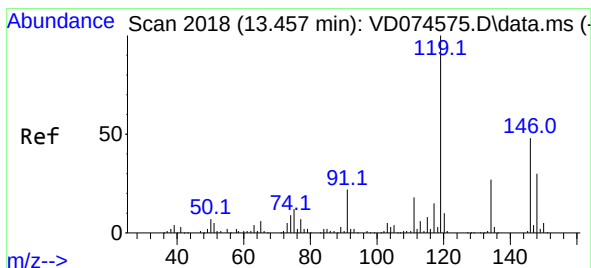
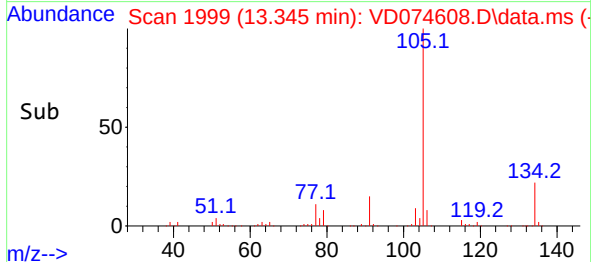
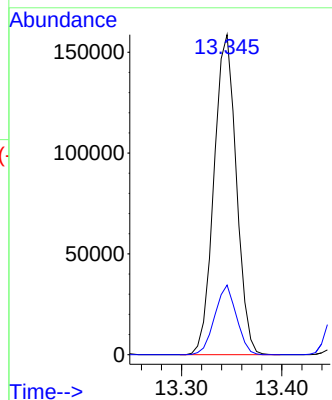
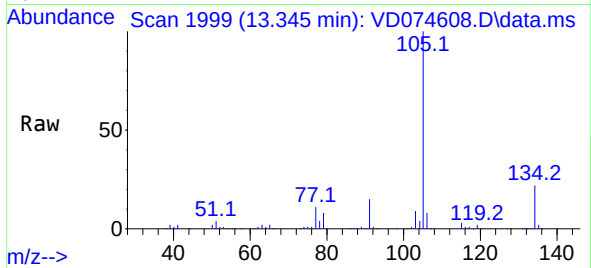




#85
 sec-Butylbenzene
 Concen: 53.188 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074608.D
 Acq: 21 Oct 2022 11:15

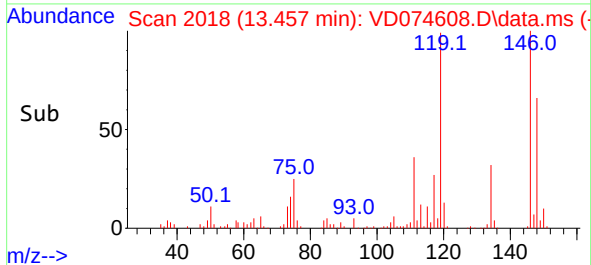
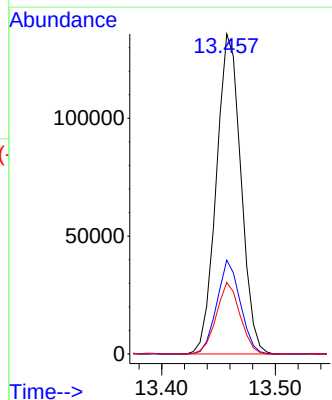
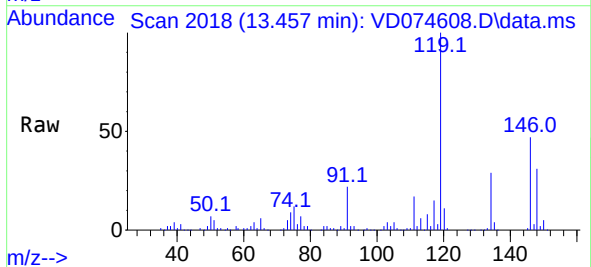
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

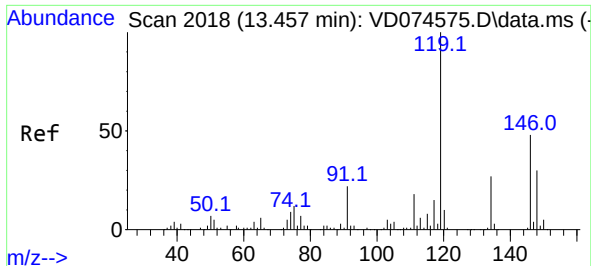
Tgt Ion:105 Resp: 245903
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.739 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074608.D
 Acq: 21 Oct 2022 11:15

Tgt Ion:119 Resp: 204266
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.5 40.4
 91 21.6 10.8 32.4

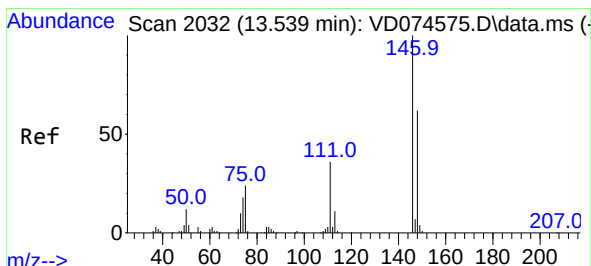
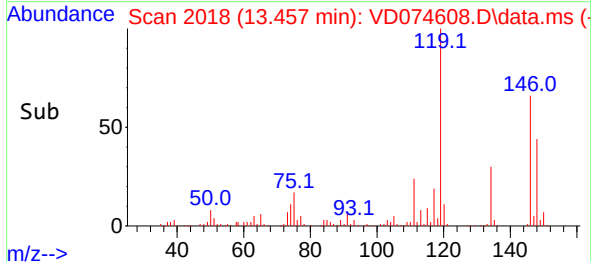
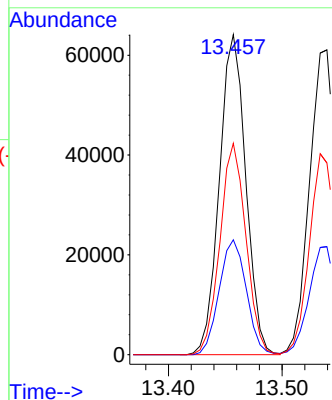
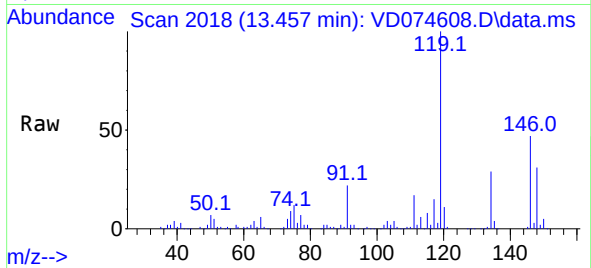




#87
1,3-Dichlorobenzene
Concen: 51.909 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

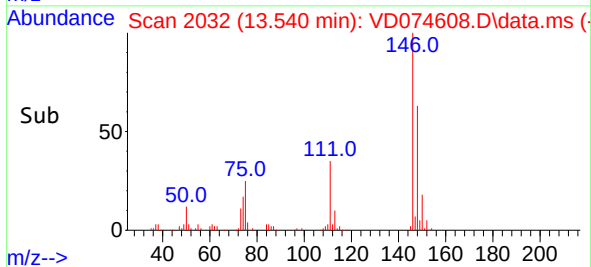
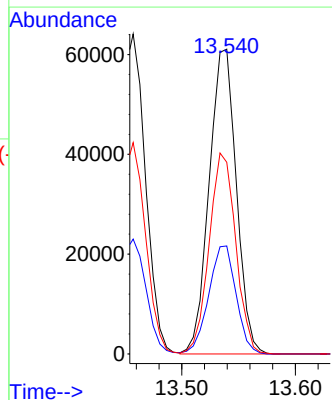
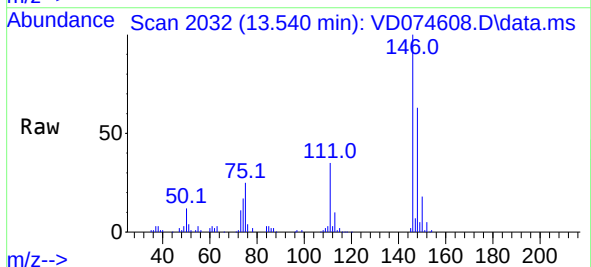
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

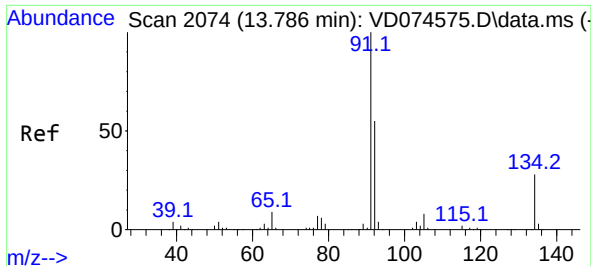
Tgt Ion:146 Resp: 103577
Ion Ratio Lower Upper
146 100
111 37.0 18.3 54.8
148 65.1 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 52.118 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.005 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:146 Resp: 101805
Ion Ratio Lower Upper
146 100
111 35.7 17.7 53.1
148 64.5 32.3 96.9

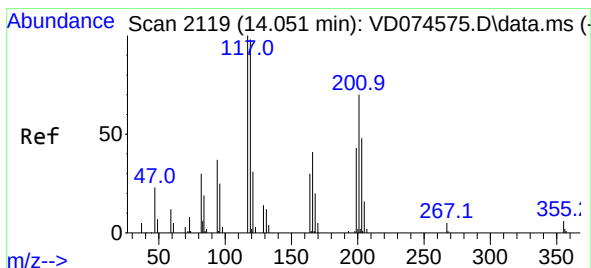
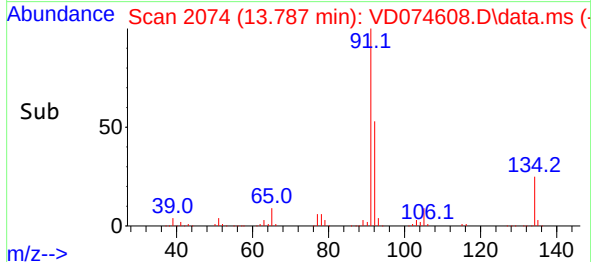
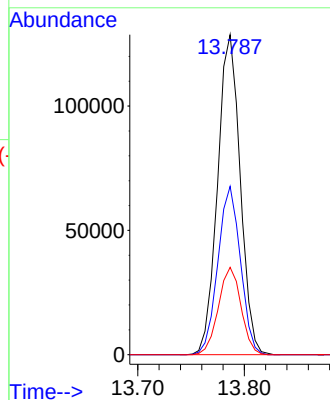
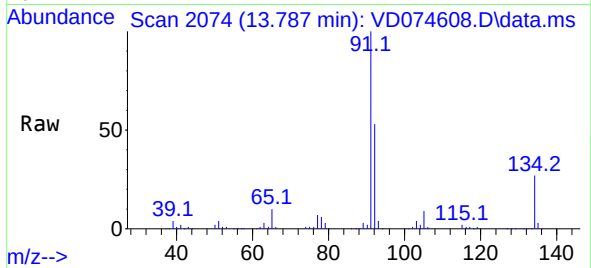




#89
n-Butylbenzene
Concen: 53.748 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

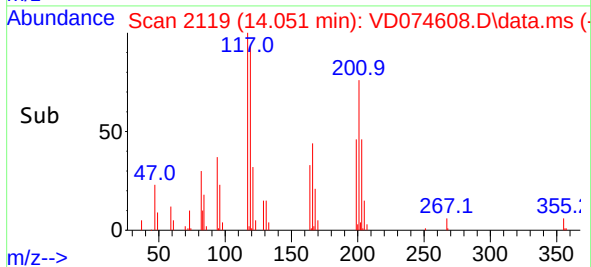
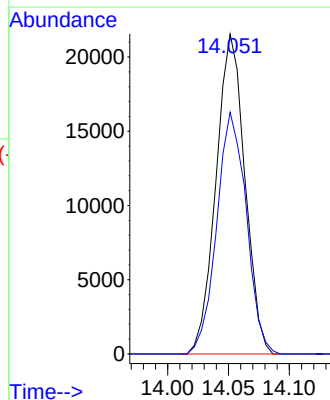
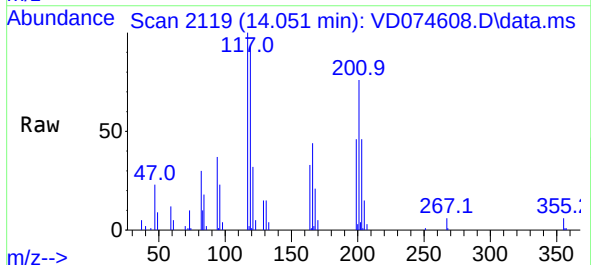
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

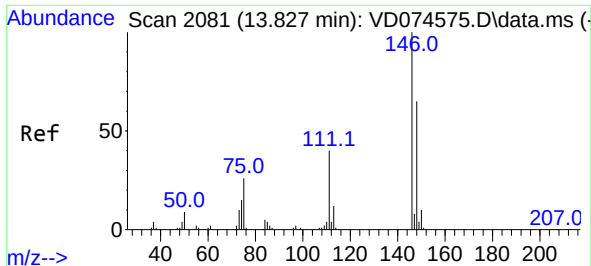
Tgt Ion: 91 Resp: 189661
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 27.3 13.4 40.2



#90
Hexachloroethane
Concen: 52.722 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion: 117 Resp: 35543
Ion Ratio Lower Upper
117 100
201 77.4 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 52.764 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074608.D

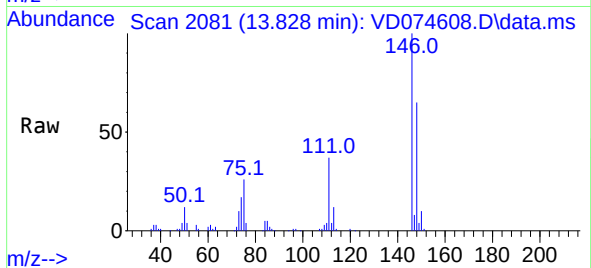
Acq: 21 Oct 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006



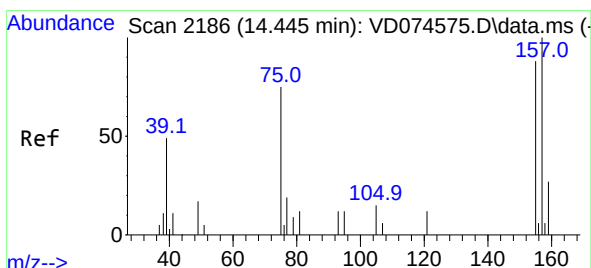
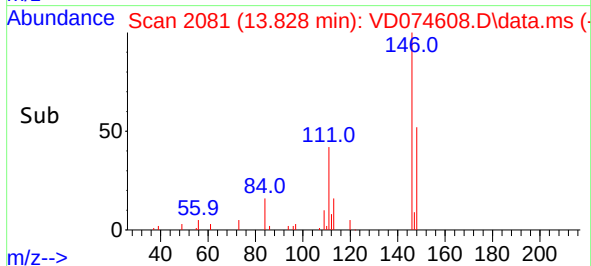
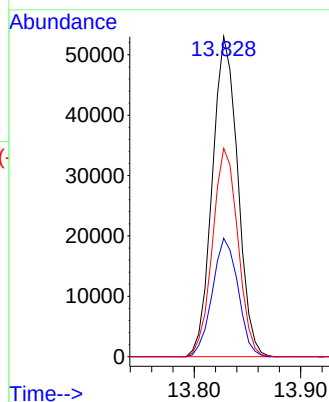
Tgt Ion:146 Resp: 87825

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

148 65.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.286 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074608.D

Acq: 21 Oct 2022 11:15

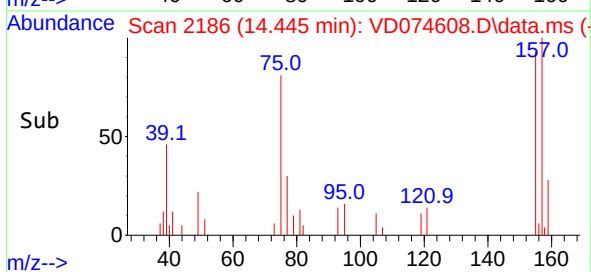
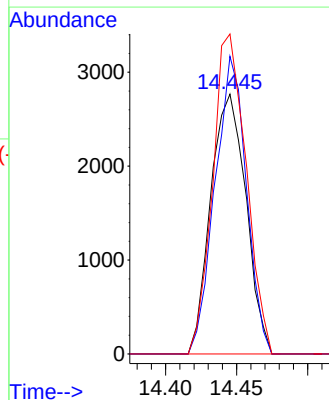
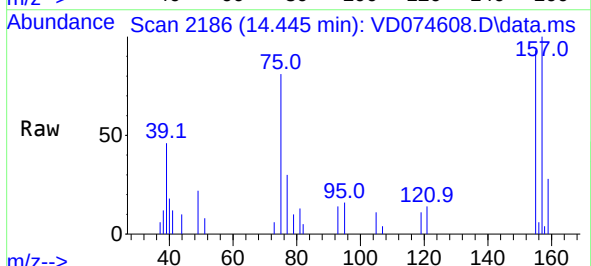
Tgt Ion: 75 Resp: 4777

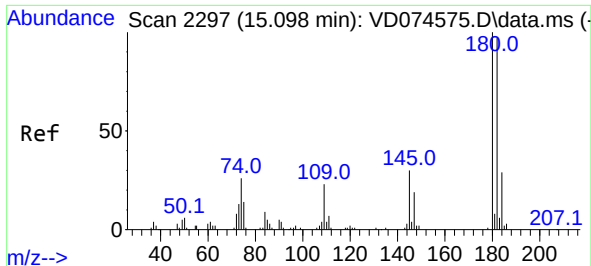
Ion Ratio Lower Upper

75 100

155 102.0 51.2 153.8

157 116.8 68.2 204.5

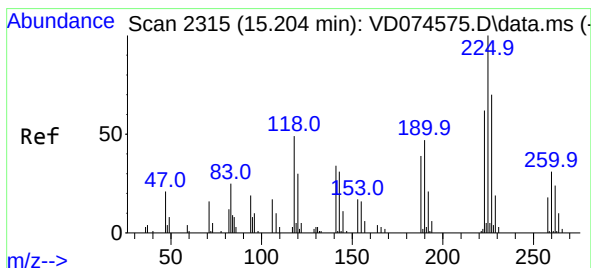
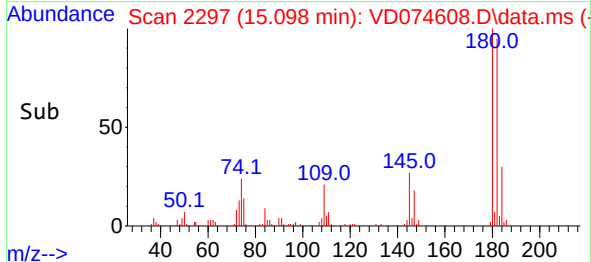
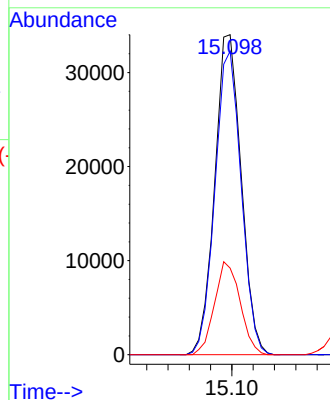
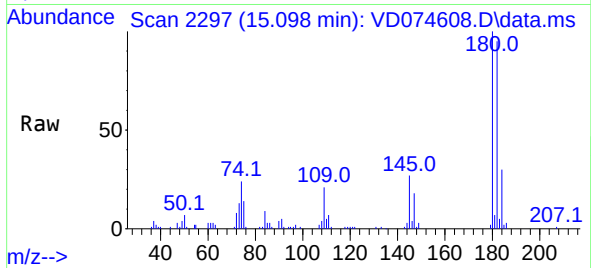




#93
1,2,4-Trichlorobenzene
Concen: 53.399 ug/l
RT: 15.098 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

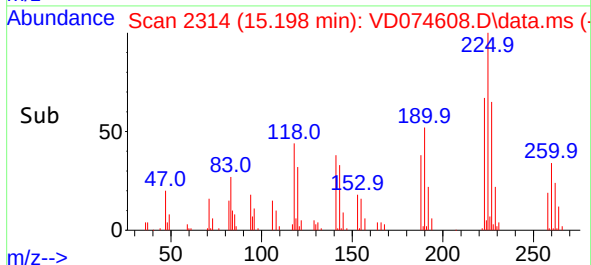
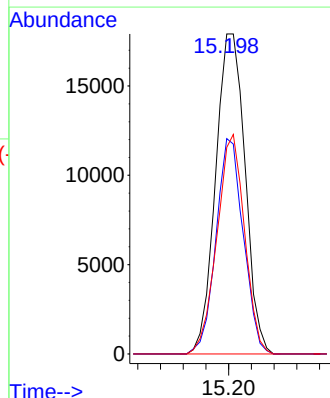
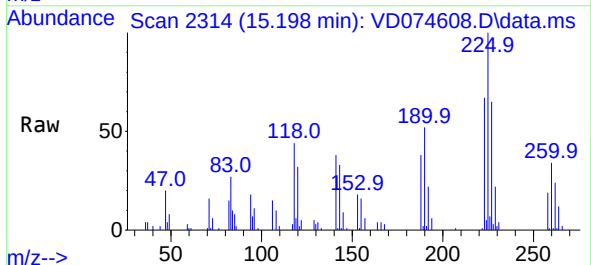
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

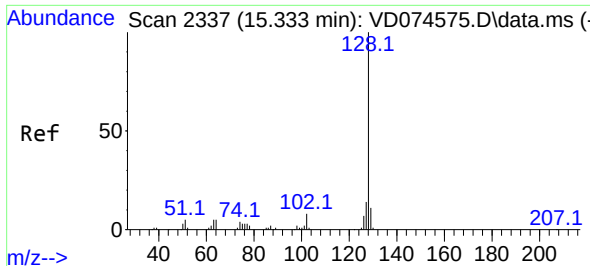
Tgt Ion:180 Resp: 58632
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 28.1 14.1 42.3



#94
Hexachlorobutadiene
Concen: 53.462 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:225 Resp: 32294
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.5
227 64.2 32.6 97.8



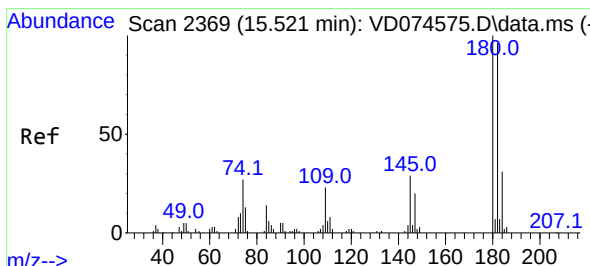
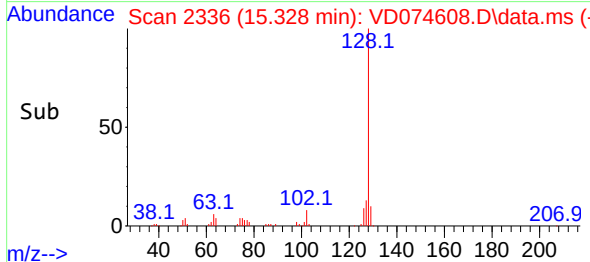
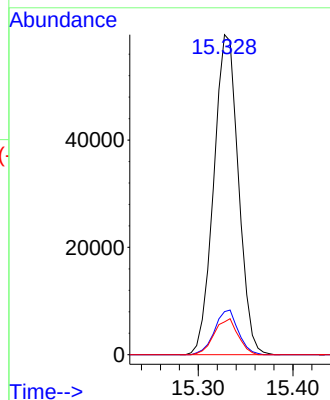
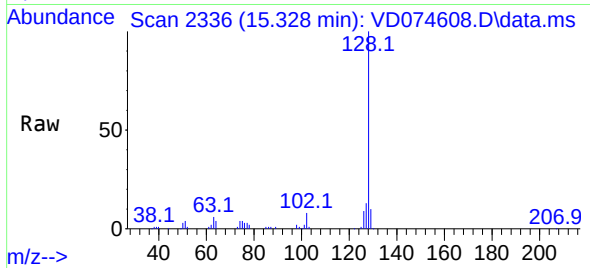


#95
Naphthalene
Concen: 52.289 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tgt Ion:128 Resp: 108080

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 52.889 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074608.D
Acq: 21 Oct 2022 11:15

Tgt Ion:180 Resp: 49780

Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.1
145	29.9	14.9	44.7

