

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077374.D
 Acq On : 20 Oct 2023 19:35
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 08:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72947	47.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.804	113	85857	42.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.560%
50) Toluene-d8	10.269	98	342599	47.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.575	95	90599	43.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	79200	49.480	ug/l	97
3) Chloromethane	2.146	50	147592	45.280	ug/l	100
4) Vinyl Chloride	2.287	62	191500	49.737	ug/l	97
5) Bromomethane	2.693	94	148736	60.113	ug/l	98
6) Chloroethane	2.840	64	149637	55.284	ug/l	98
7) Trichlorofluoromethane	3.175	101	217878	55.782	ug/l	98
8) Diethyl Ether	3.593	74	50297	48.046	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	104020	51.476	ug/l	99
10) Methyl Iodide	4.163	142	120995	48.935	ug/l #	90
11) Tert butyl alcohol	5.052	59	18135	209.693	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	96744	48.802	ug/l	97
13) Acrolein	3.793	56	32452	216.164	ug/l	97
14) Allyl chloride	4.563	41	86977	46.242	ug/l	94
15) Acrylonitrile	5.257	53	88463	278.850	ug/l	98
16) Acetone	4.022	43	87356	259.117	ug/l	99
17) Carbon Disulfide	4.269	76	297666	51.080	ug/l	99
18) Methyl Acetate	4.563	43	61036	52.020	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	179984	53.305	ug/l	97
20) Methylene Chloride	4.799	84	117289	58.272	ug/l	87
21) trans-1,2-Dichloroethene	5.316	96	102881	49.898	ug/l	96
22) Diisopropyl ether	6.216	45	227274	61.554	ug/l	98
23) Vinyl Acetate	6.157	43	528498	305.434	ug/l	98
24) 1,1-Dichloroethane	6.116	63	165579	53.937	ug/l	99
25) 2-Butanone	7.081	43	97790	279.627	ug/l	95
26) 2,2-Dichloropropane	7.081	77	140386	50.153	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	116921	50.575	ug/l	98
28) Bromochloromethane	7.428	49	66858	59.620	ug/l	93
29) Tetrahydrofuran	7.446	42	60123	298.031	ug/l	96
30) Chloroform	7.593	83	184734	52.448	ug/l	97
31) Cyclohexane	7.875	56	121858	50.945	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	155883	51.300	ug/l	98
36) 1,1-Dichloropropene	8.010	75	132819	50.363	ug/l	97
37) Ethyl Acetate	7.169	43	43548	52.568	ug/l	99
38) Carbon Tetrachloride	7.993	117	140062	47.741	ug/l	96
39) Methylcyclohexane	9.275	83	155841	48.632	ug/l	96
40) Benzene	8.251	78	411767	51.450	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24176	61.150	ug/l	96
42) 1,2-Dichloroethane	8.322	62	100624	53.378	ug/l	97
43) Isopropyl Acetate	8.363	43	81510	54.655	ug/l	99
44) Trichloroethene	9.028	130	105852	45.238	ug/l	92
45) 1,2-Dichloropropane	9.304	63	101542	55.040	ug/l	96
46) Dibromomethane	9.393	93	58809	50.989	ug/l	92
47) Bromodichloromethane	9.587	83	143054	52.015	ug/l	94
48) Methyl methacrylate	9.381	41	38169	56.575	ug/l	90
49) 1,4-Dioxane	9.387	88	10419	922.562	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	232762	311.353	ug/l	97
52) Toluene	10.334	92	297914	57.012	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	136509	55.297	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	167692	55.519	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	90574	56.698	ug/l	96
56) Ethyl methacrylate	10.598	69	89977	58.936	ug/l	99
57) 1,3-Dichloropropane	10.881	76	139423	56.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	256639	339.926	ug/l	99
59) 2-Hexanone	10.922	43	160525	298.970	ug/l	95
60) Dibromochloromethane	11.075	129	98030	48.059	ug/l	95
61) 1,2-Dibromoethane	11.181	107	77716	51.628	ug/l	96
64) Tetrachloroethene	10.810	164	97017	46.186	ug/l	95
65) Chlorobenzene	11.610	112	279988	45.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	106722	45.576	ug/l	97
67) Ethyl Benzene	11.687	91	497273	48.698	ug/l	100
68) m/p-Xylenes	11.792	106	420478	100.276	ug/l	97
69) o-Xylene	12.122	106	186140	48.221	ug/l	95
70) Styrene	12.134	104	338472	51.393	ug/l	99
71) Bromoform	12.298	173	58606	45.656	ug/l #	99
73) Isopropylbenzene	12.422	105	483776	45.560	ug/l	97
74) N-amyl acetate	12.234	43	79538	52.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	99514	51.574	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	112014	51.321	ug/l #	100
77) Bromobenzene	12.704	156	121767	43.680	ug/l	97
78) n-propylbenzene	12.763	91	649913	50.822	ug/l	97
79) 2-Chlorotoluene	12.851	91	369861	53.100	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	475139	54.224	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	29417	49.101	ug/l	97
82) 4-Chlorotoluene	12.951	91	369548	50.960	ug/l	98
83) tert-Butylbenzene	13.169	119	370727	47.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	448284	50.813	ug/l	98
85) sec-Butylbenzene	13.345	105	568175	48.602	ug/l	96
86) p-Isopropyltoluene	13.463	119	478243	47.090	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	264890	45.152	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	252886	43.499	ug/l	99
89) n-Butylbenzene	13.786	91	430259	48.654	ug/l	98
90) Hexachloroethane	14.057	117	93613	45.601	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	217625	43.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11541	48.867	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	126083	40.833	ug/l	98
94) Hexachlorobutadiene	15.204	225	68085	38.825	ug/l	98
95) Naphthalene	15.333	128	224481	43.059	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	110469	41.219	ug/l	100

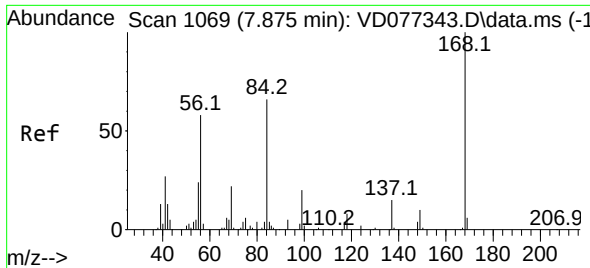
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Response via : Initial Calibration

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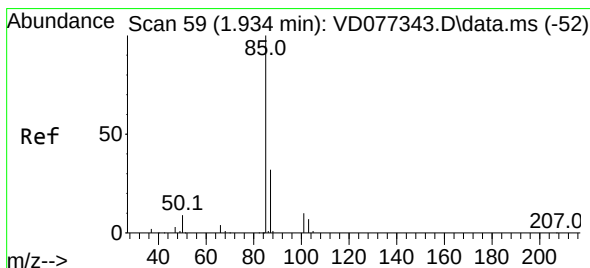
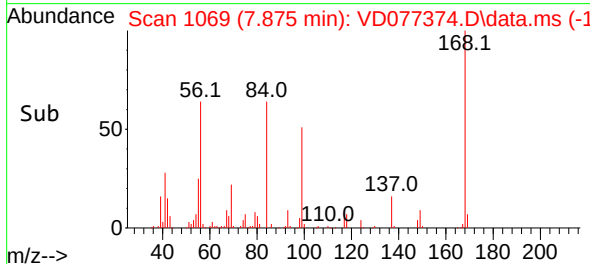
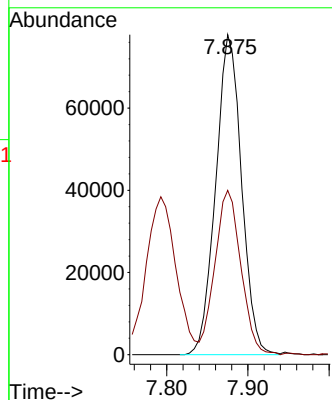
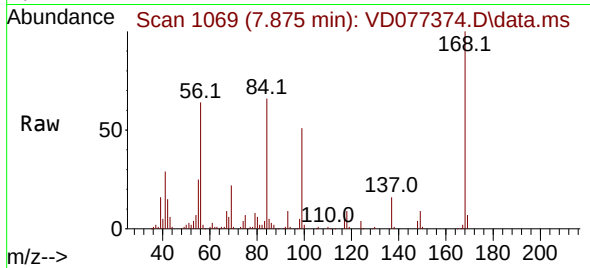
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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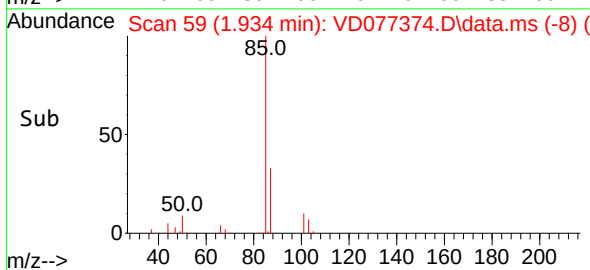
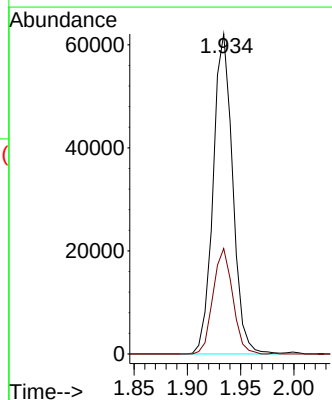
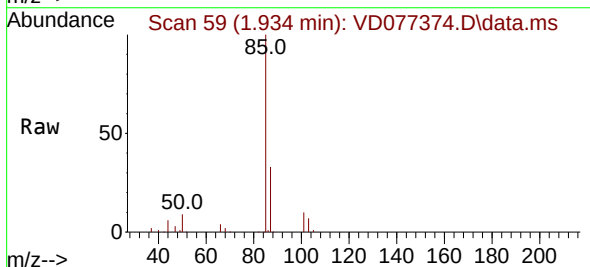
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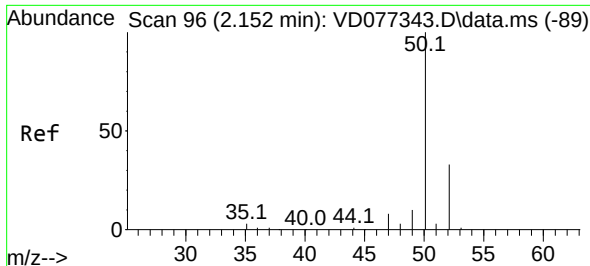
Tgt Ion:168 Resp: 172171
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 49.480 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 85 Resp: 79200
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

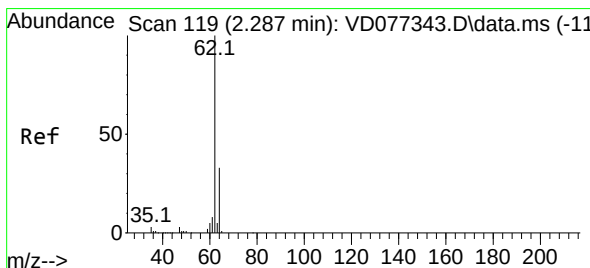
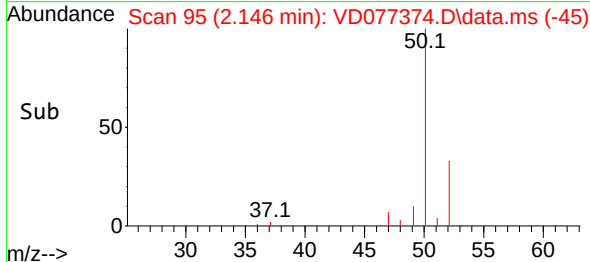
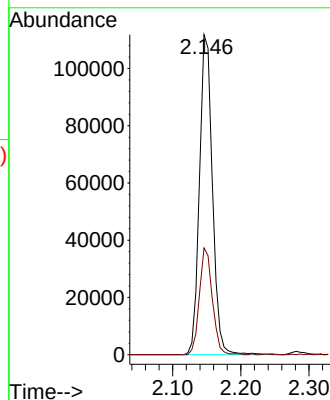
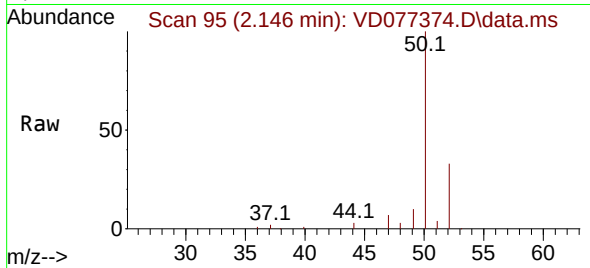




#3
Chloromethane
Concen: 45.280 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

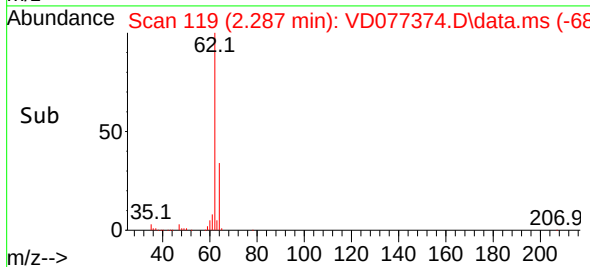
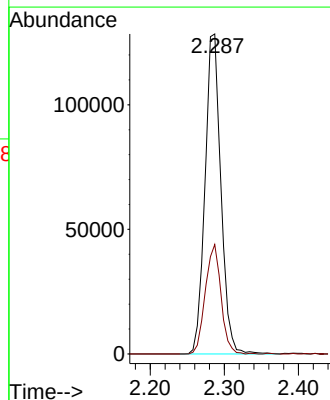
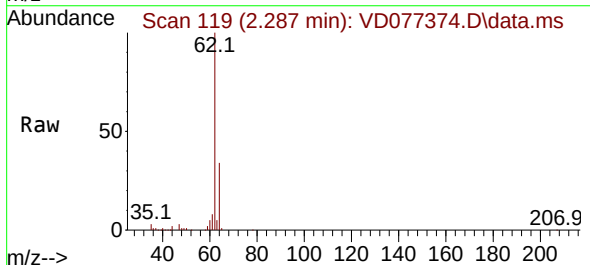
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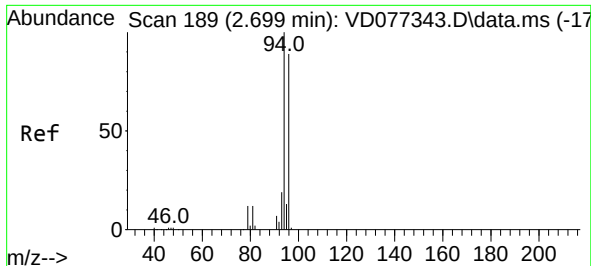
Tgt Ion: 50 Resp: 147592
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 49.737 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 62 Resp: 191500
Ion Ratio Lower Upper
62 100
64 34.2 26.0 39.0

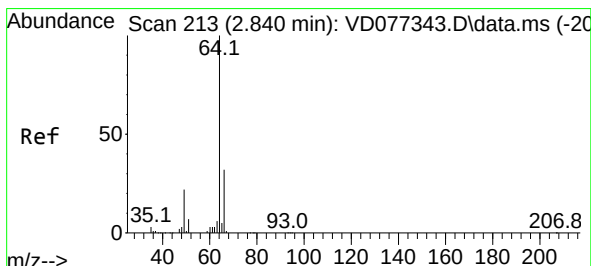
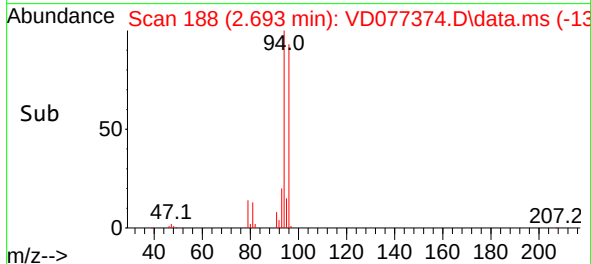
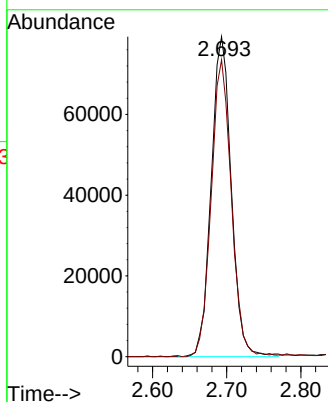
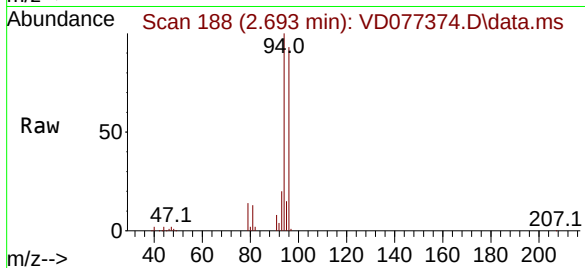




#5
Bromomethane
Concen: 60.113 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

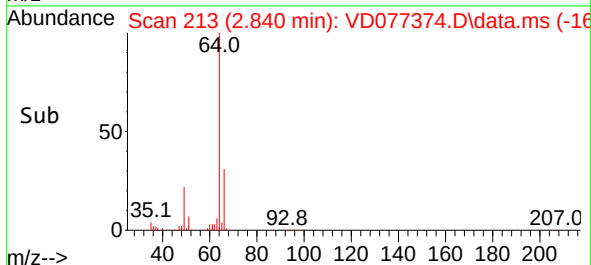
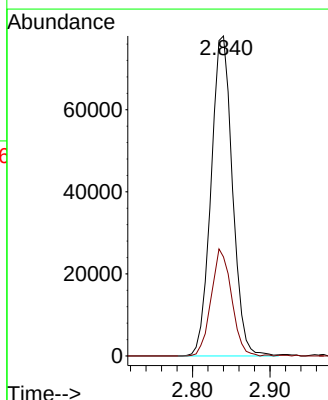
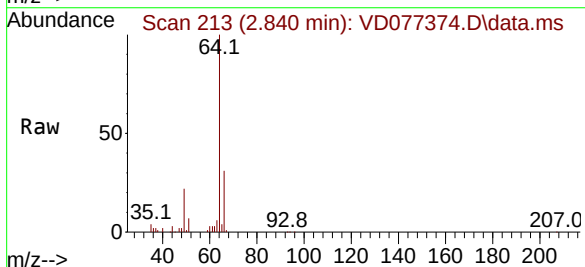
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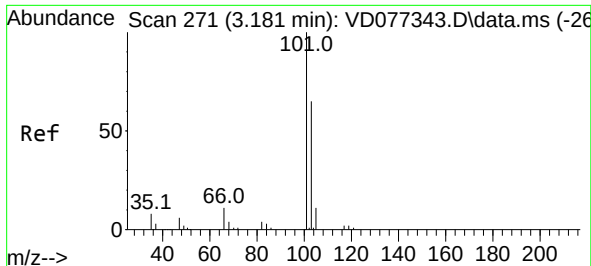
Tgt Ion: 94 Resp: 148736
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 55.284 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 64 Resp: 149637
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

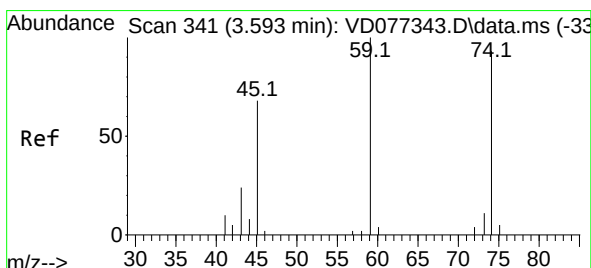
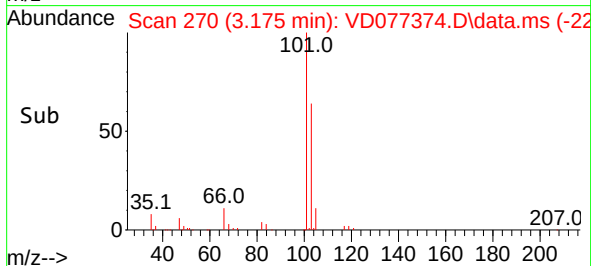
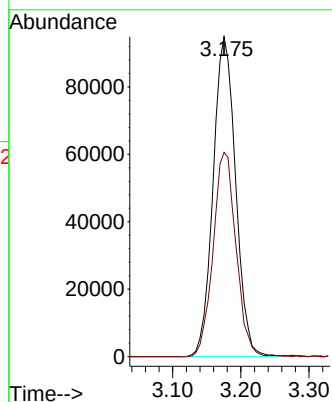
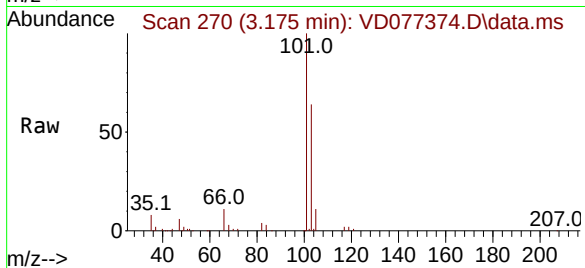




#7
Trichlorofluoromethane
Concen: 55.782 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
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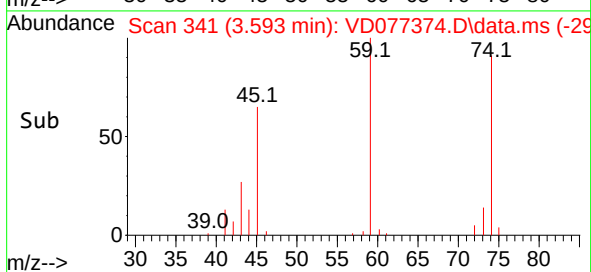
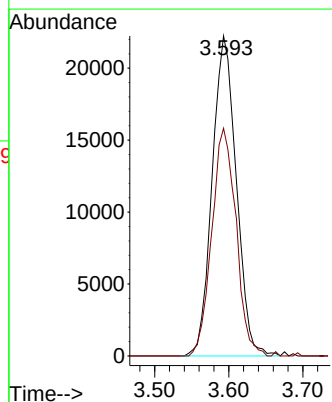
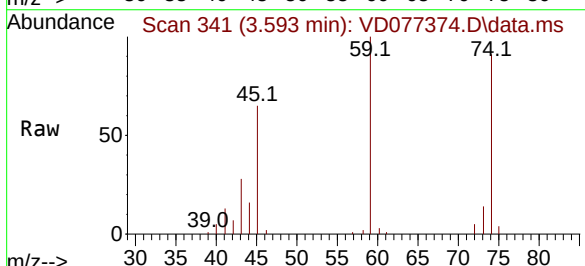
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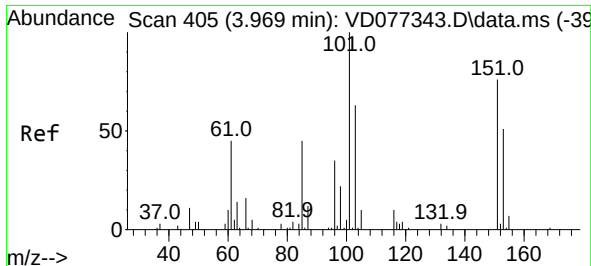
Tgt Ion:101 Resp: 217878
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8
Diethyl Ether
Concen: 48.046 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 74 Resp: 50297
Ion Ratio Lower Upper
74 100
45 71.4 37.5 112.7

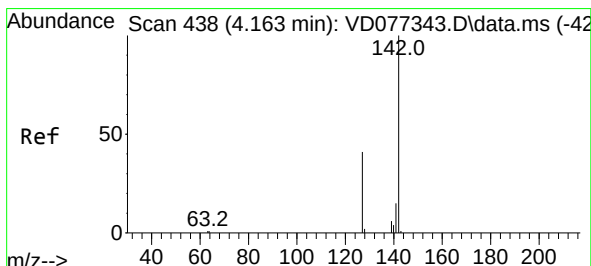
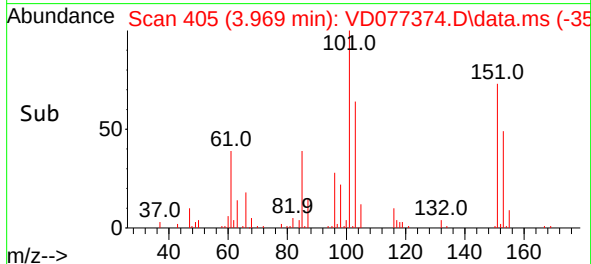
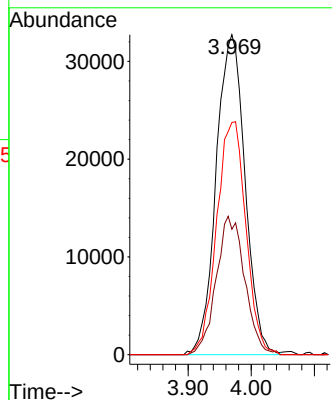
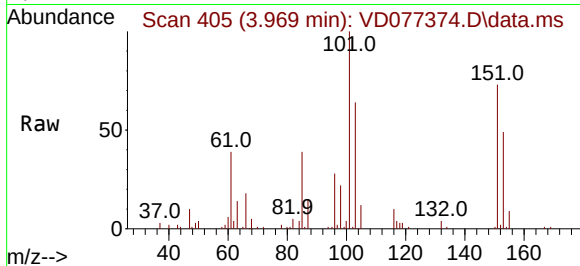




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.476 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

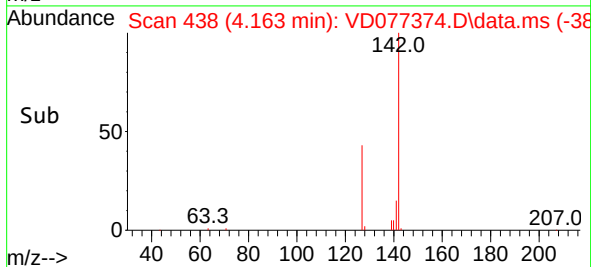
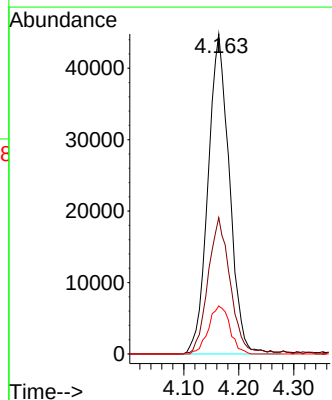
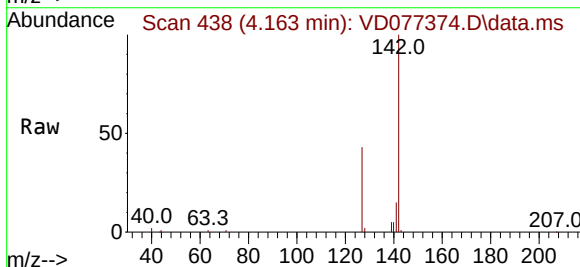
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 ClientSampleId :
 VSTDCCC050EC

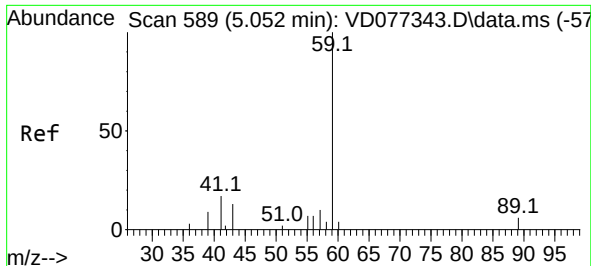
Tgt Ion:101 Resp: 104020
 Ion Ratio Lower Upper
 101 100
 85 42.8 33.8 50.6
 151 73.7 59.8 89.6



#10
 Methyl Iodide
 Concen: 48.935 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

Tgt Ion:142 Resp: 120995
 Ion Ratio Lower Upper
 142 100
 127 44.4 29.4 44.0#
 141 15.0 11.1 16.7

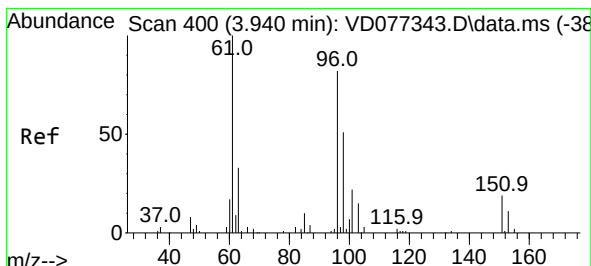
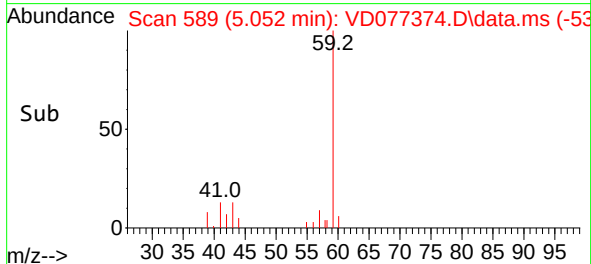
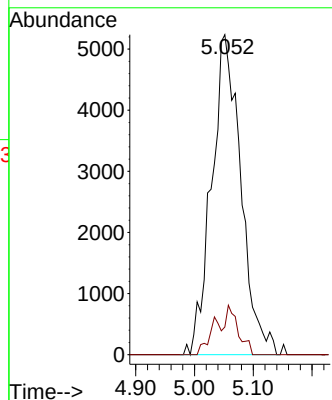
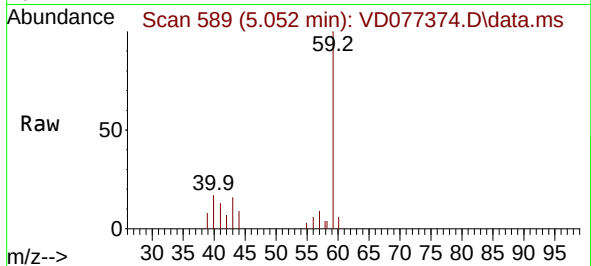




#11
Tert butyl alcohol
Concen: 209.693 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

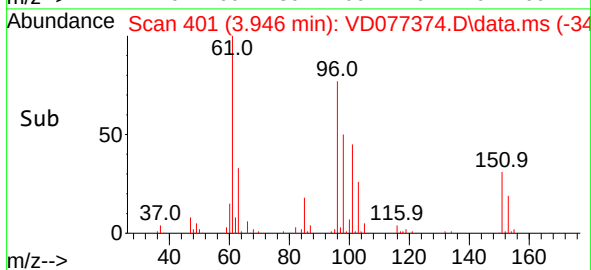
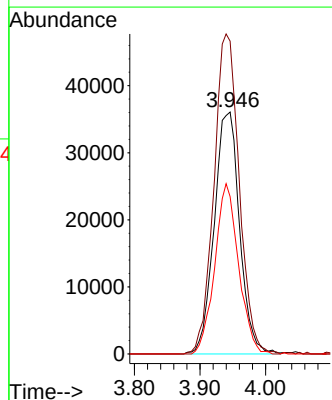
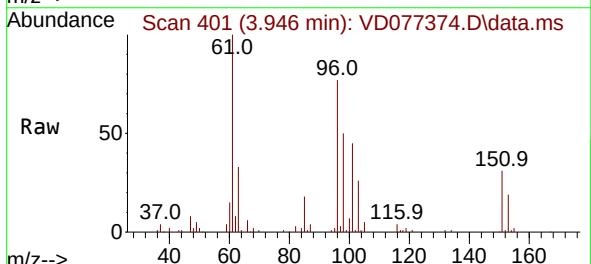
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

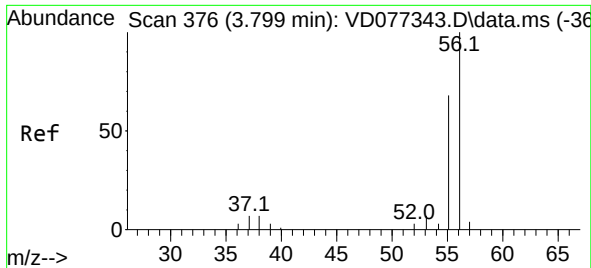
Tgt Ion: 59 Resp: 18135
Ion Ratio Lower Upper
59 100
57 6.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.802 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 96 Resp: 96744
Ion Ratio Lower Upper
96 100
61 129.3 100.6 150.8
98 65.0 50.2 75.2





#13

Acrolein

Concen: 216.164 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

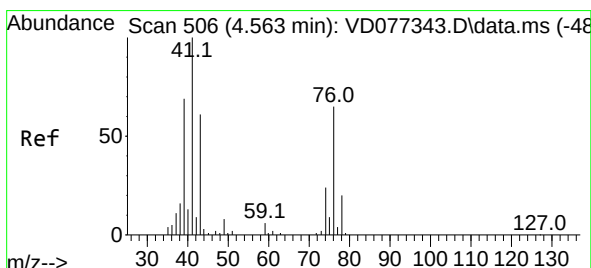
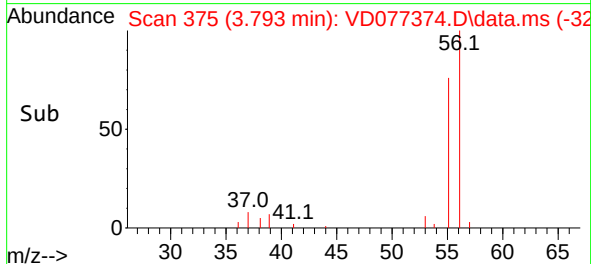
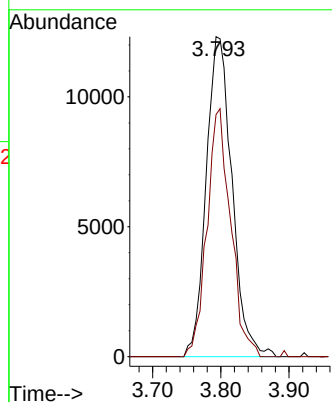
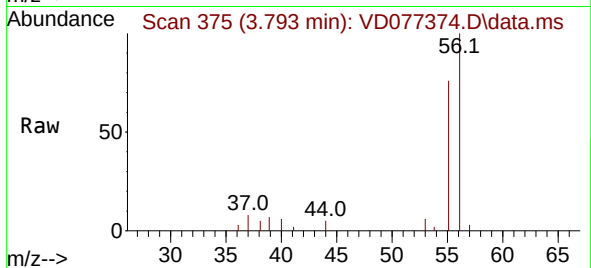
VSTDCCC050EC

Tgt Ion: 56 Resp: 32452

Ion Ratio Lower Upper

56 100

55 71.1 55.1 82.7



#14

Allyl chloride

Concen: 46.242 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

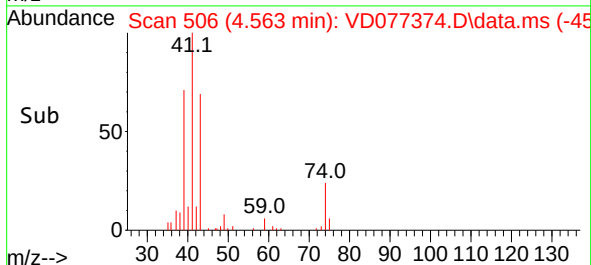
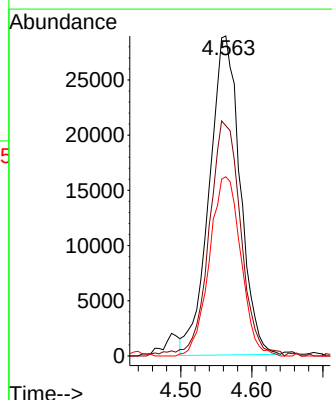
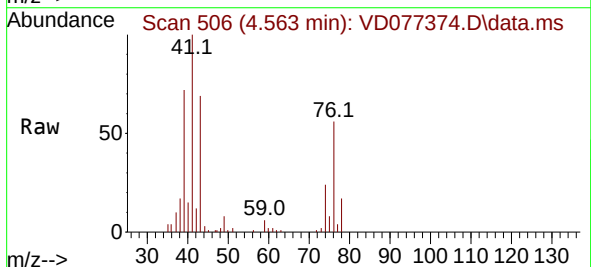
Tgt Ion: 41 Resp: 86977

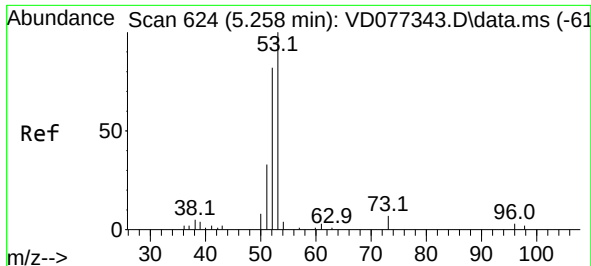
Ion Ratio Lower Upper

41 100

39 75.6 53.8 80.6

76 57.3 45.8 68.8

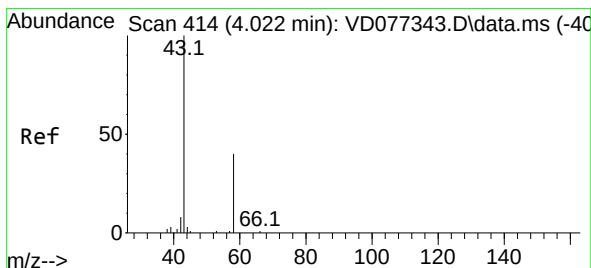
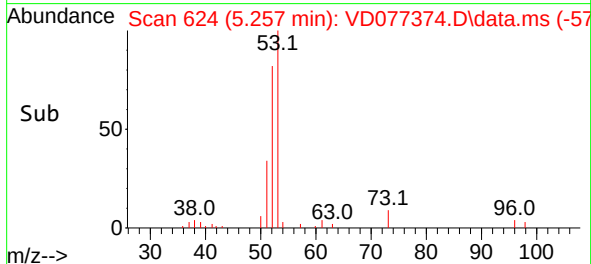
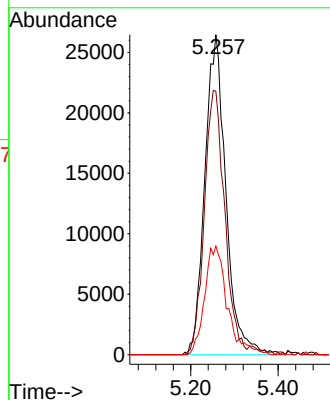
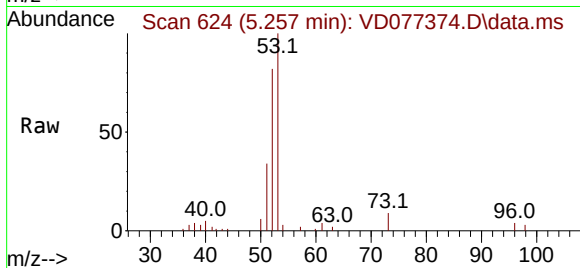




#15
Acrylonitrile
Concen: 278.850 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

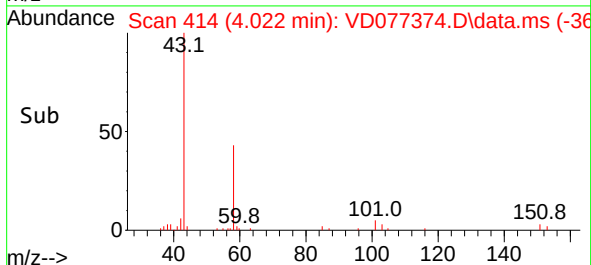
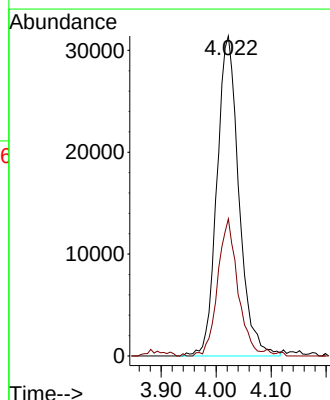
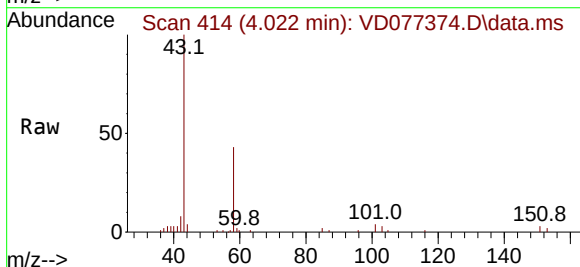
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

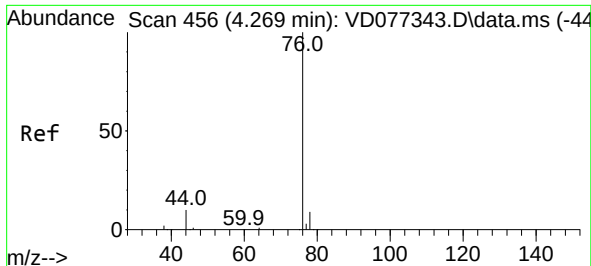
Tgt Ion: 53 Resp: 88463
Ion Ratio Lower Upper
53 100
52 79.9 65.0 97.4
51 36.4 28.3 42.5



#16
Acetone
Concen: 259.117 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 43 Resp: 87356
Ion Ratio Lower Upper
43 100
58 42.8 34.7 52.1

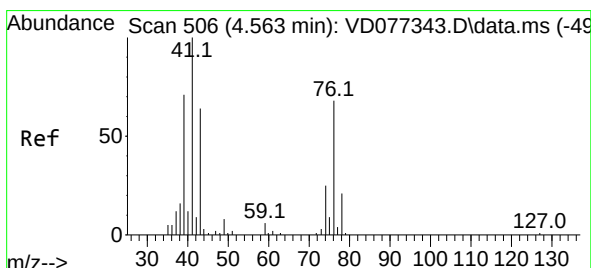
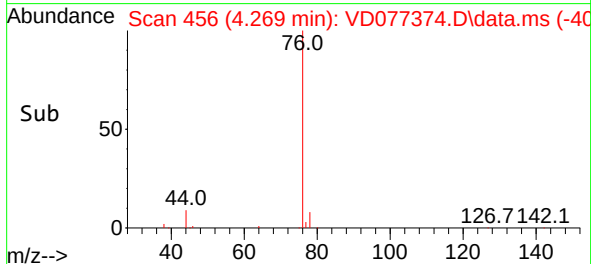
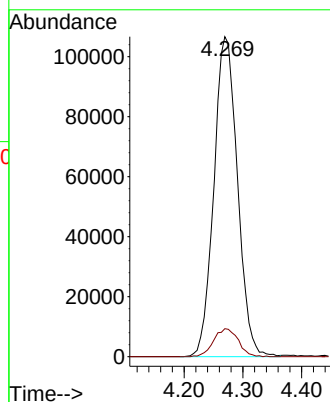
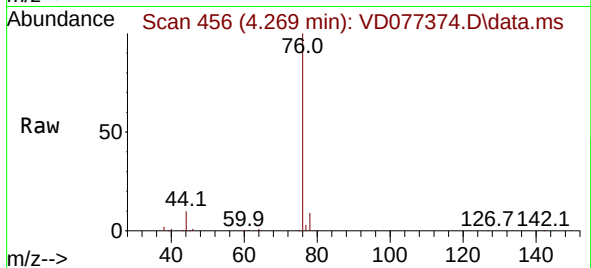




#17
Carbon Disulfide
Concen: 51.080 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

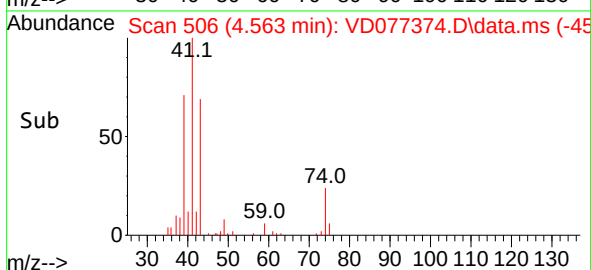
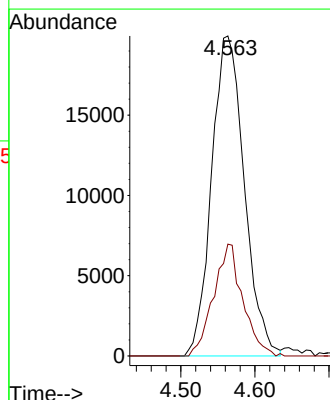
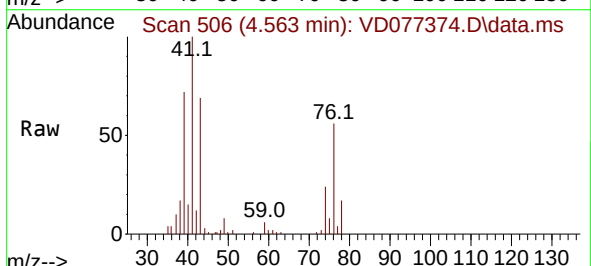
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

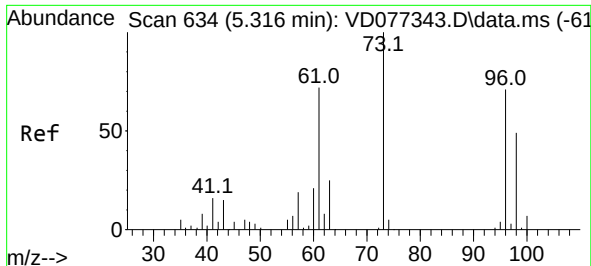
Tgt Ion: 76 Resp: 297666
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 52.020 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 43 Resp: 61036
Ion Ratio Lower Upper
43 100
74 31.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.305 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

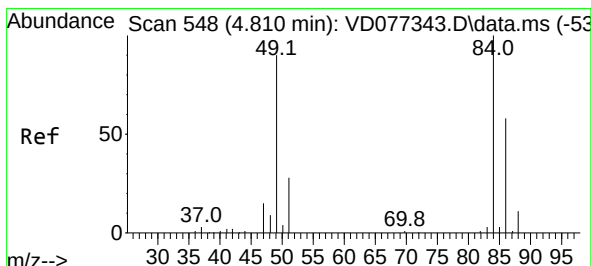
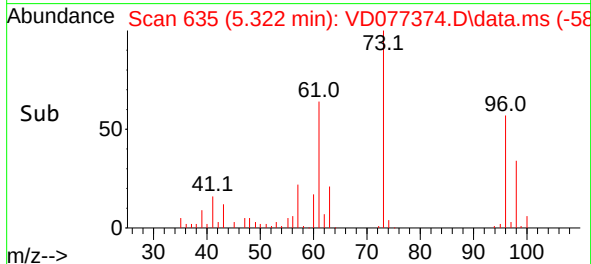
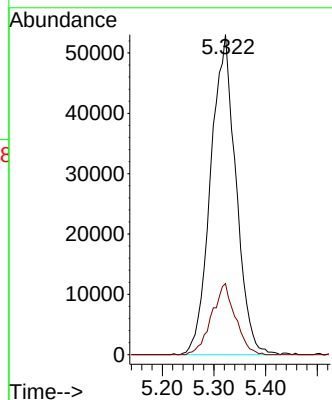
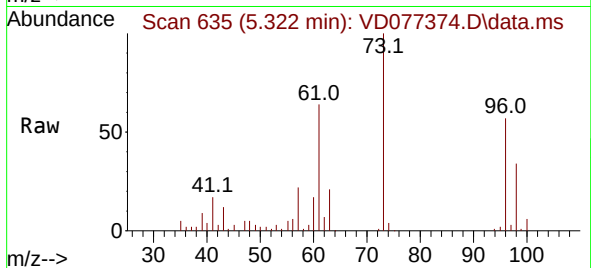
VSTDCCC050EC

Tgt Ion: 73 Resp: 179984

Ion Ratio Lower Upper

73 100

57 22.2 16.6 25.0



#20

Methylene Chloride

Concen: 58.272 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Tgt Ion: 84 Resp: 117289

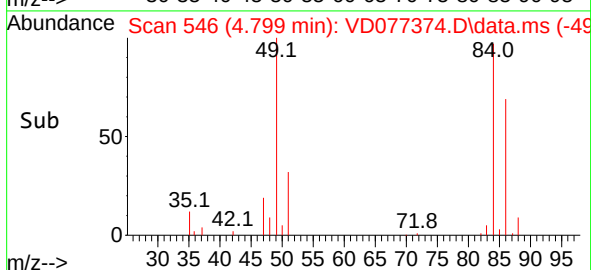
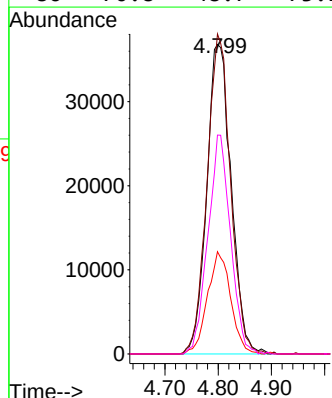
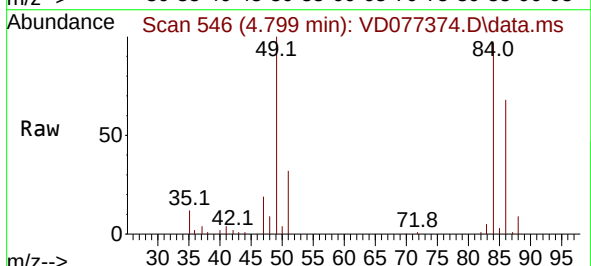
Ion Ratio Lower Upper

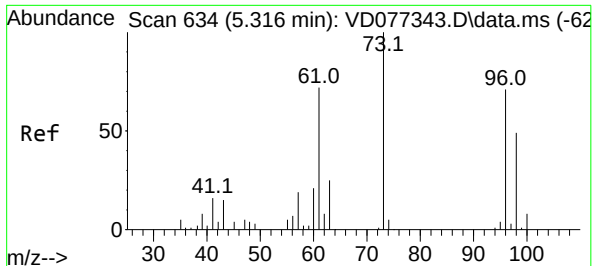
84 100

49 103.4 71.4 107.2

51 33.0 24.5 36.7

86 70.8 48.7 73.1

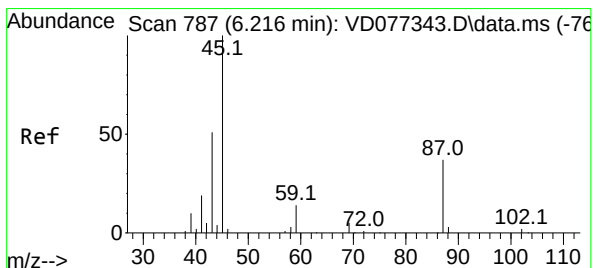
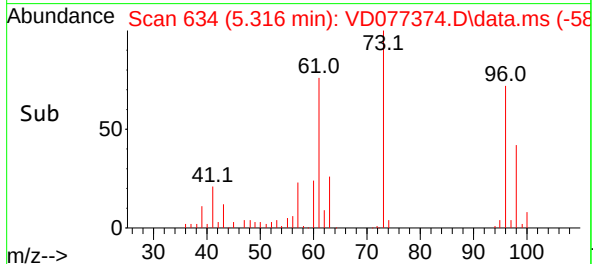
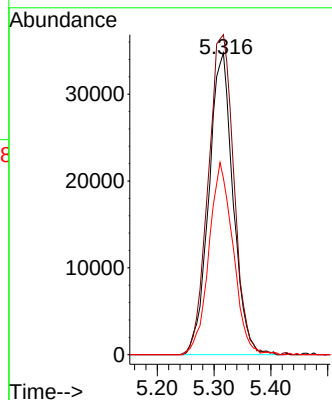
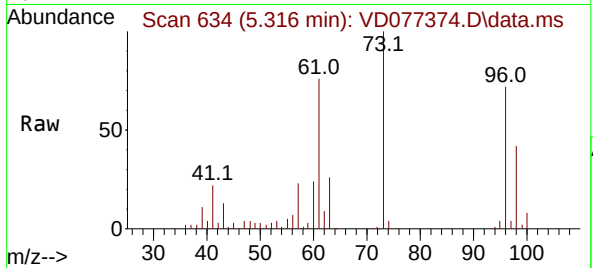




#21
trans-1,2-Dichloroethene
Concen: 49.898 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

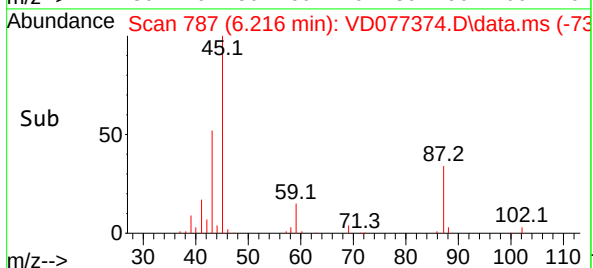
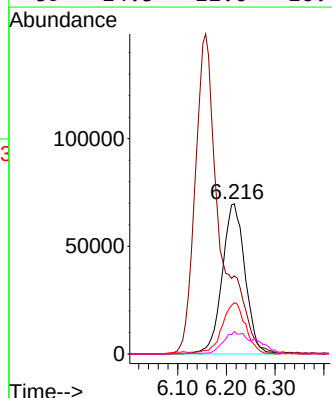
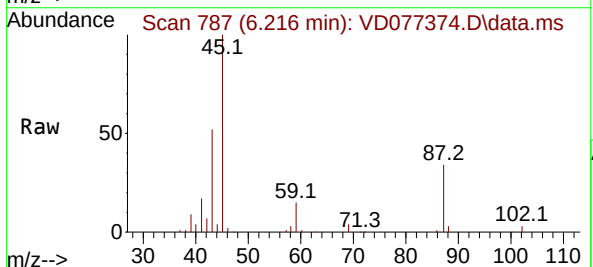
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

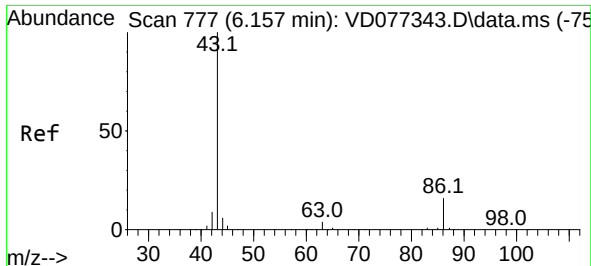
Tgt Ion: 96 Resp: 102881
Ion Ratio Lower Upper
96 100
61 106.1 89.3 133.9
98 58.5 48.6 73.0



#22
Diisopropyl ether
Concen: 61.554 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 45 Resp: 227274
Ion Ratio Lower Upper
45 100
43 50.8 40.0 60.0
87 34.1 28.2 42.4
59 14.5 11.0 16.4

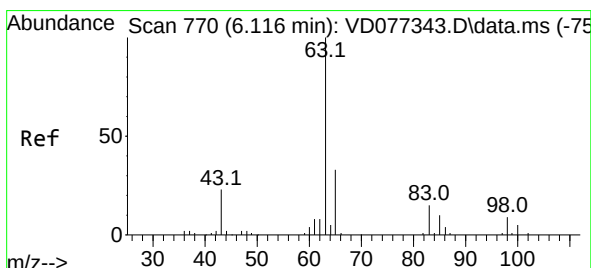
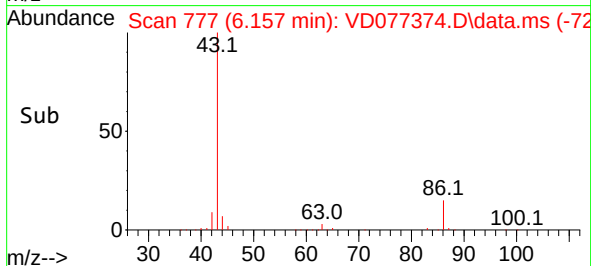
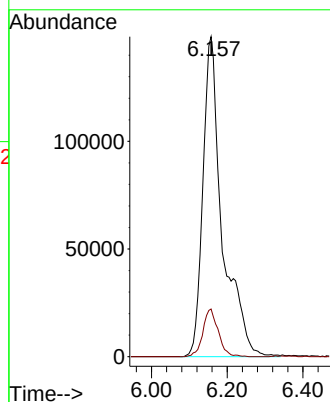
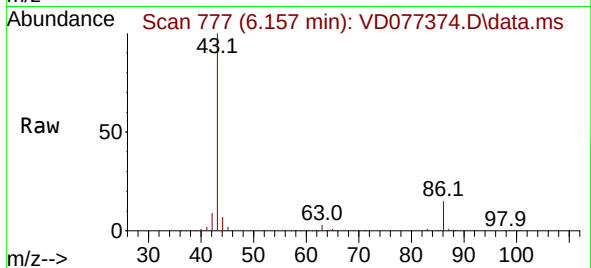




#23
 Vinyl Acetate
 Concen: 305.434 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

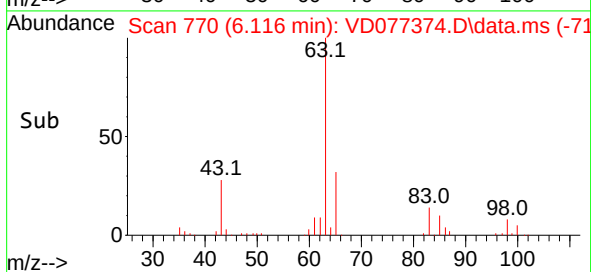
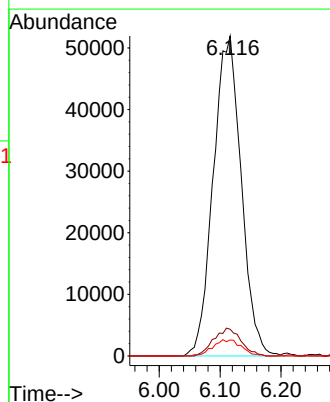
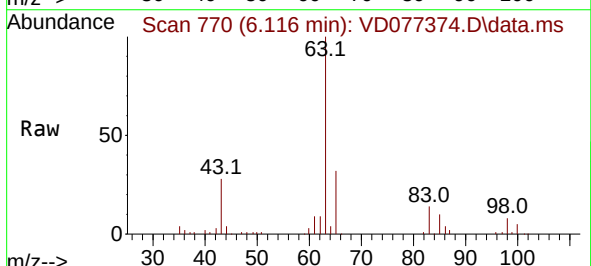
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

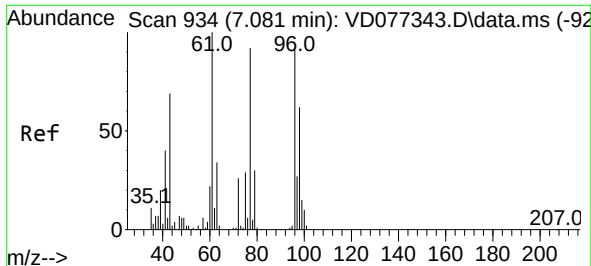
Tgt Ion: 43 Resp: 528498
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.937 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

Tgt Ion: 63 Resp: 165579
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.0 2.5 7.5

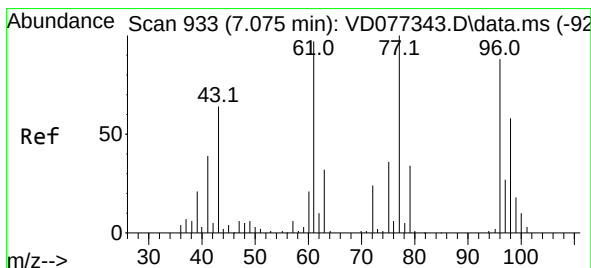
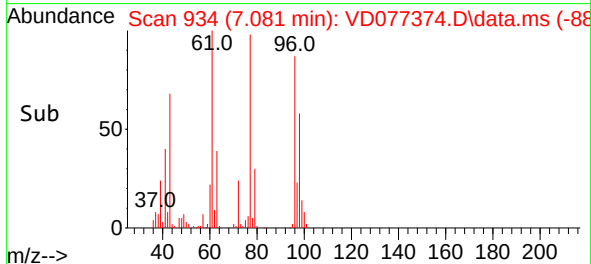
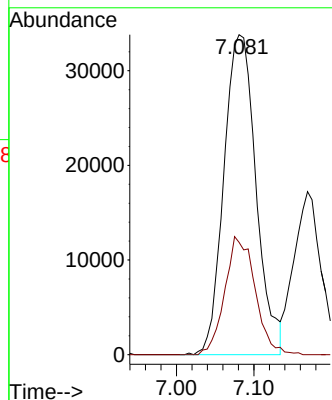
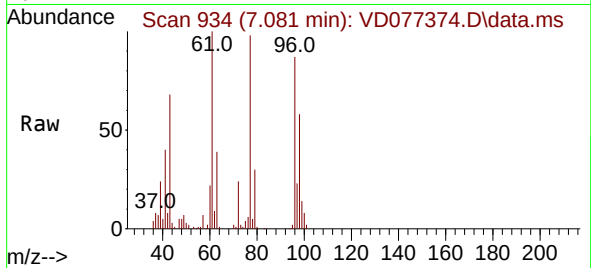




#25
2-Butanone
Concen: 279.627 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

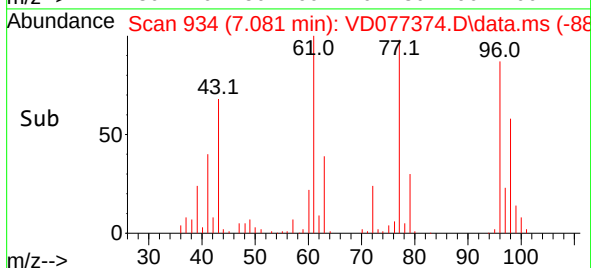
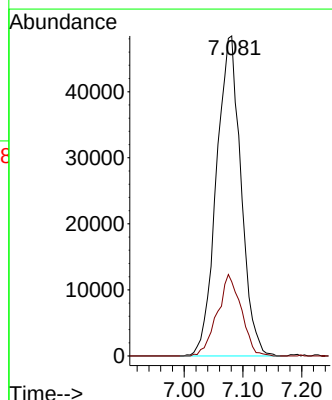
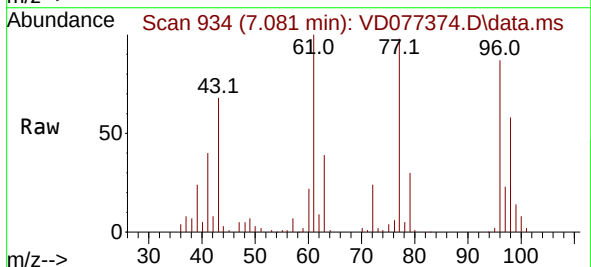
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

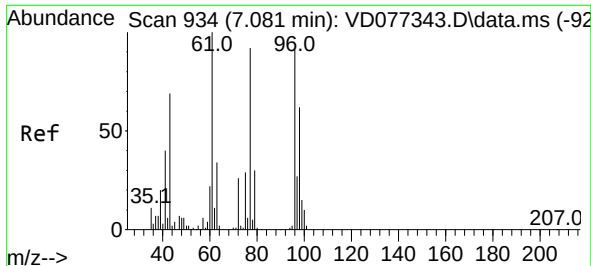
Tgt Ion: 43 Resp: 97790
Ion Ratio Lower Upper
43 100
72 35.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 50.153 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 77 Resp: 140386
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 50.575 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

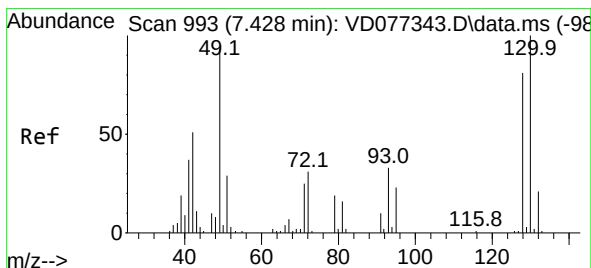
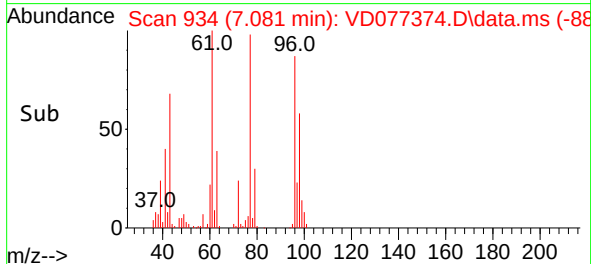
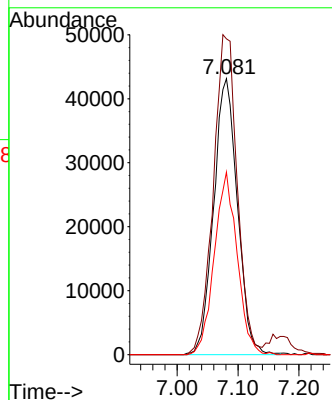
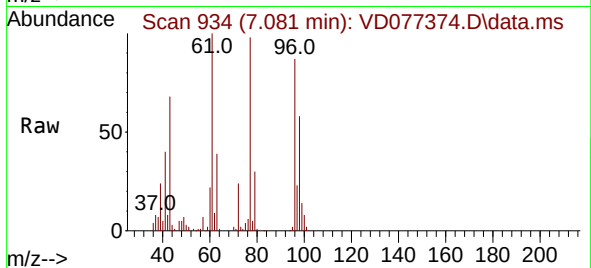
Tgt Ion: 96 Resp: 116921

Ion Ratio Lower Upper

96 100

61 117.0 0.0 239.2

98 63.4 0.0 128.6



#28

Bromochloromethane

Concen: 59.620 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

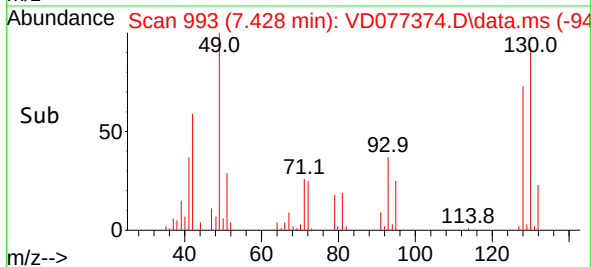
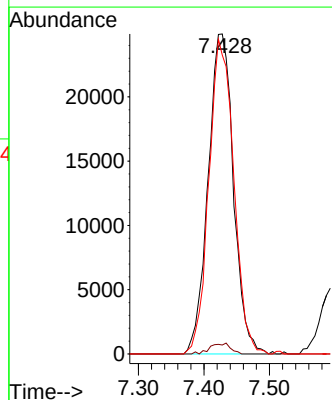
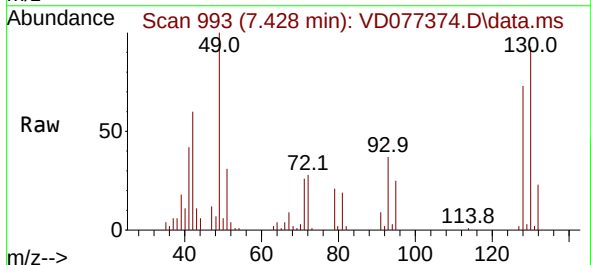
Tgt Ion: 49 Resp: 66858

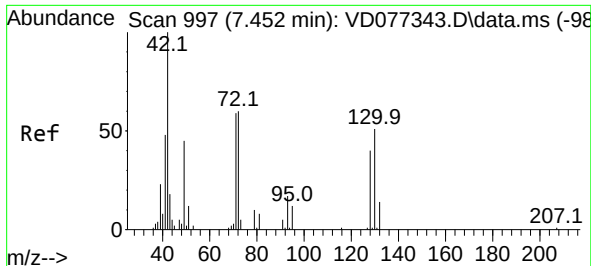
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 96.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 298.031 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

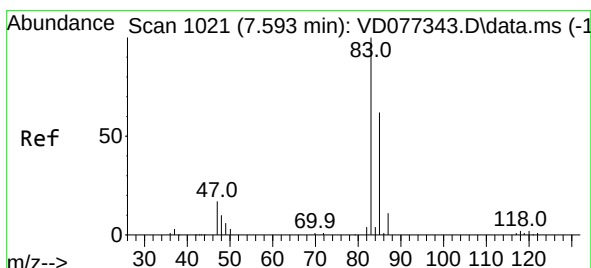
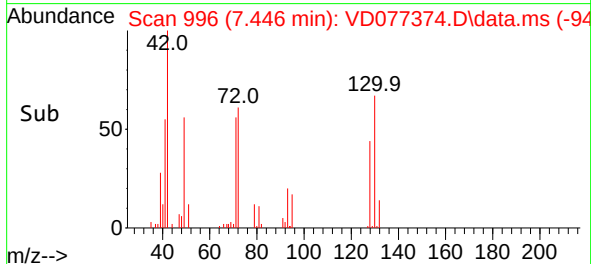
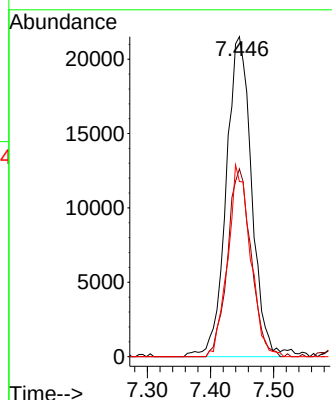
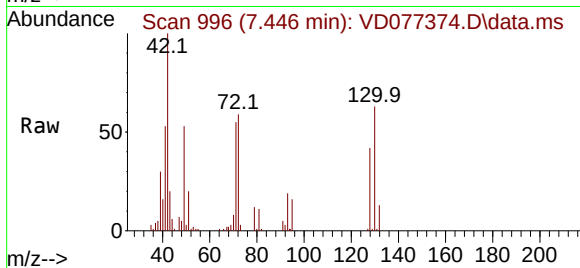
Tgt Ion: 42 Resp: 60123

Ion Ratio Lower Upper

42 100

72 54.6 46.5 69.7

71 53.6 44.5 66.7



#30

Chloroform

Concen: 52.448 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077374.D

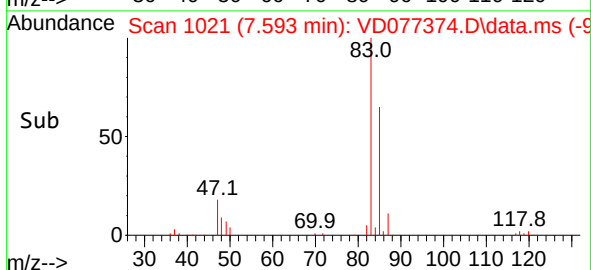
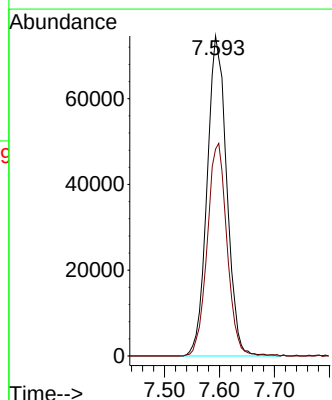
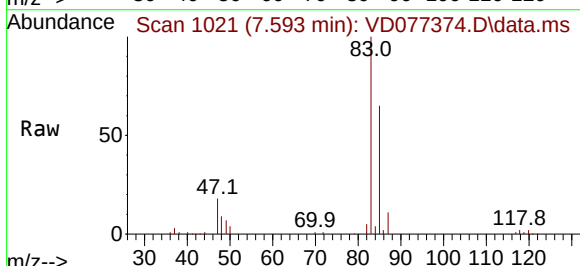
Acq: 20 Oct 2023 19:35

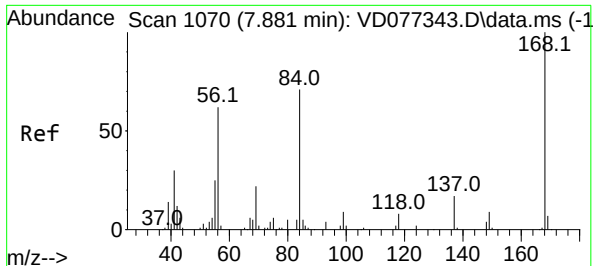
Tgt Ion: 83 Resp: 184734

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.2





#31

Cyclohexane

Concen: 50.945 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

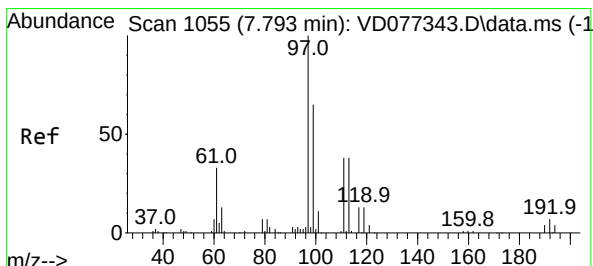
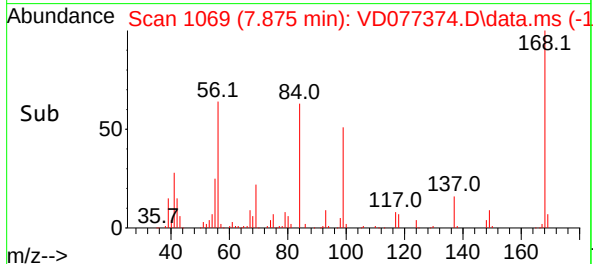
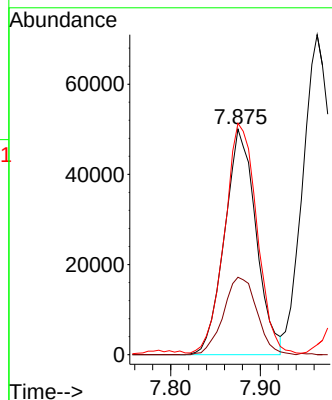
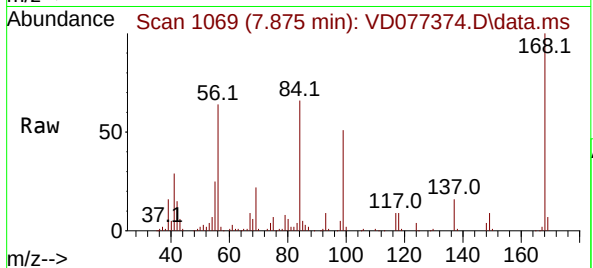
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 121858

Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.6	43.0
84	101.0	84.8	127.2



#32

1,1,1-Trichloroethane

Concen: 51.300 ug/l

RT: 7.793 min Scan# 1055

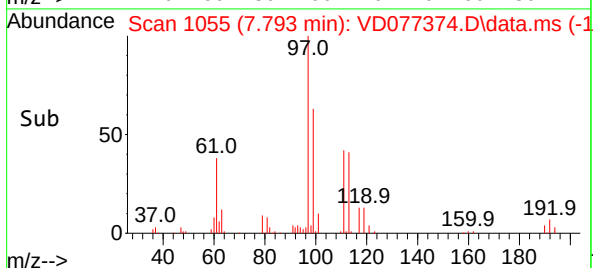
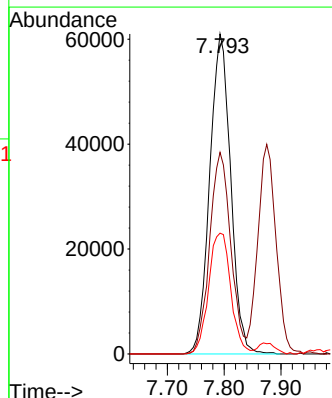
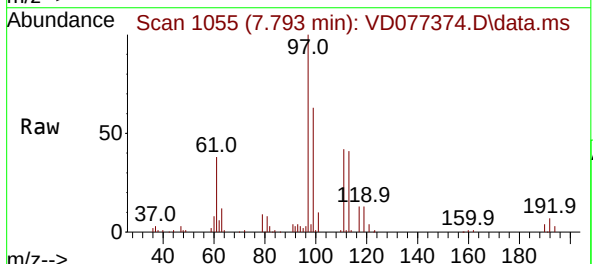
Delta R.T. -0.000 min

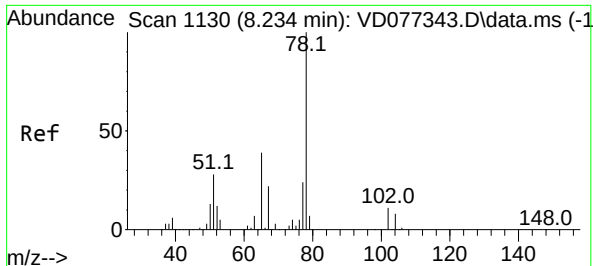
Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Tgt Ion: 97 Resp: 155883

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	40.0	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 47.449 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

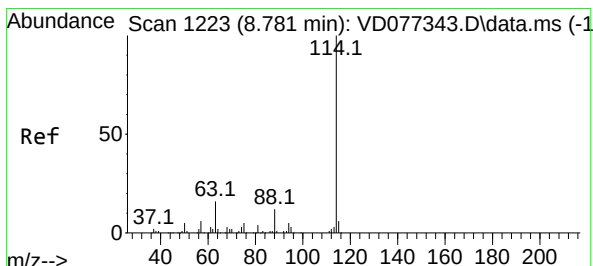
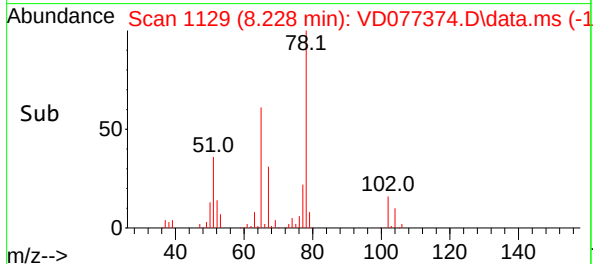
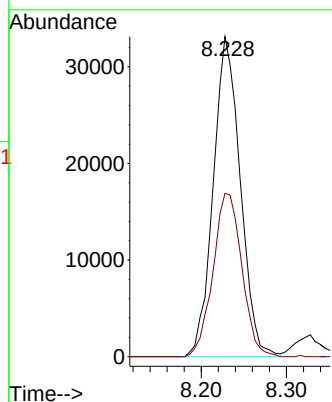
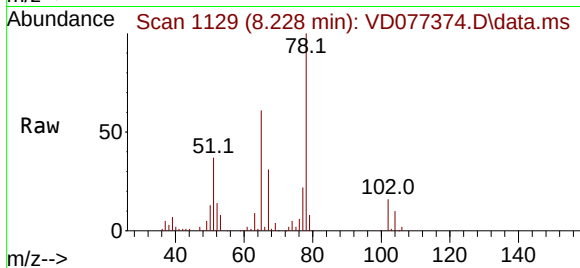
VSTDCCC050EC

Tgt Ion: 65 Resp: 72947

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

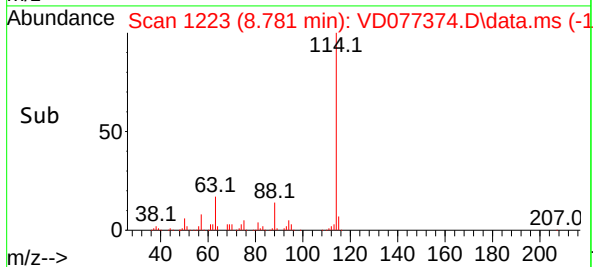
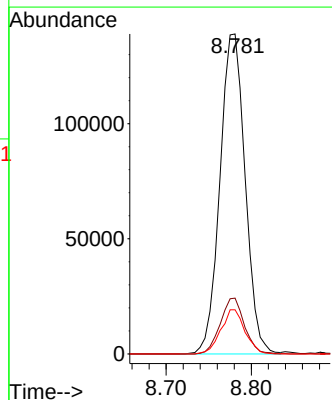
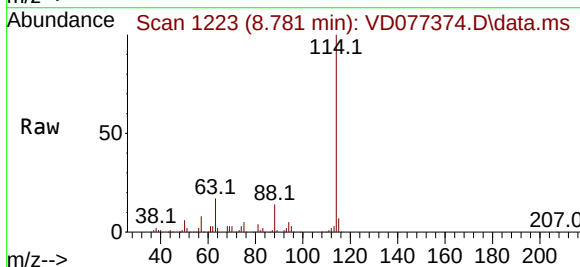
Tgt Ion: 114 Resp: 285686

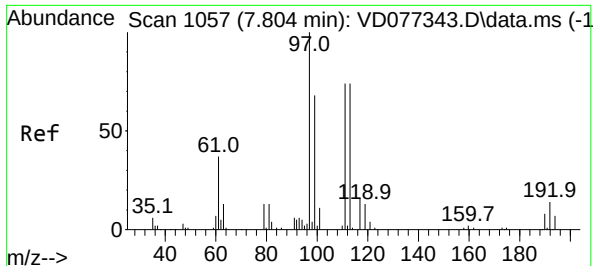
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.777 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

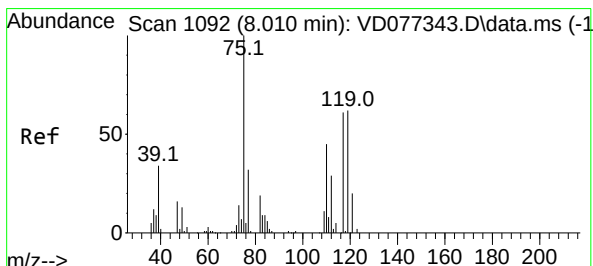
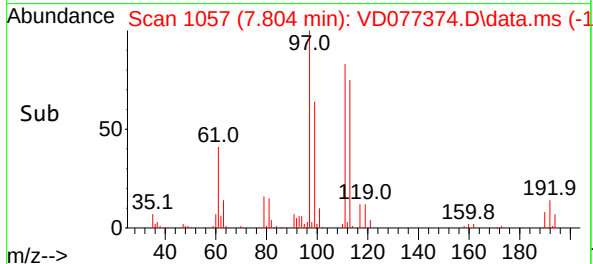
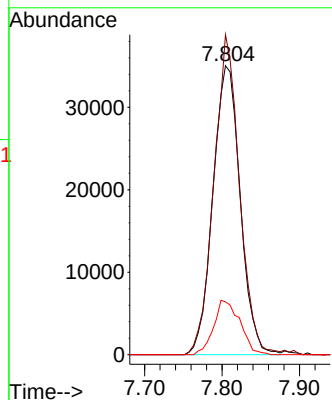
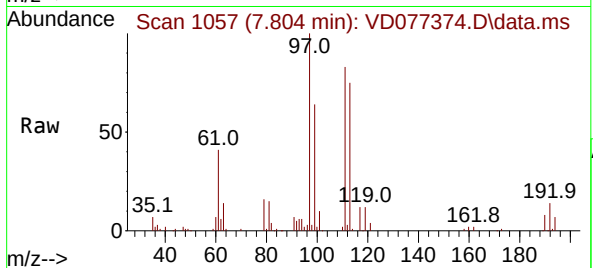
Tgt Ion:113 Resp: 85857

Ion Ratio Lower Upper

113 100

111 103.5 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 50.363 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

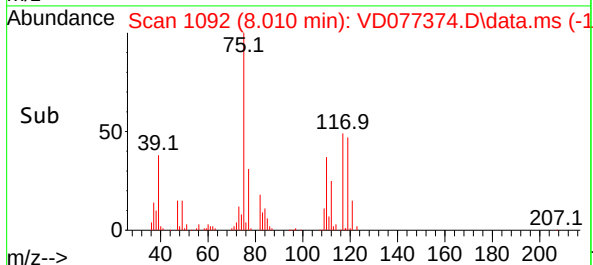
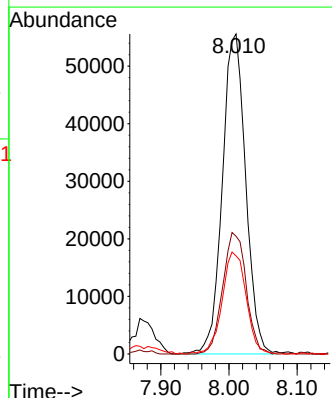
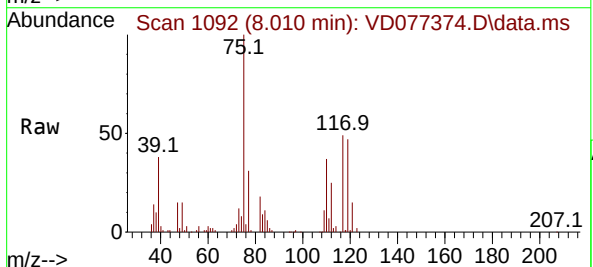
Tgt Ion: 75 Resp: 132819

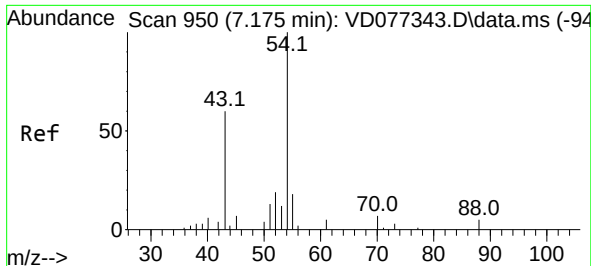
Ion Ratio Lower Upper

75 100

110 38.2 19.9 59.6

77 32.6 24.7 37.1





#37

Ethyl Acetate

Concen: 52.568 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

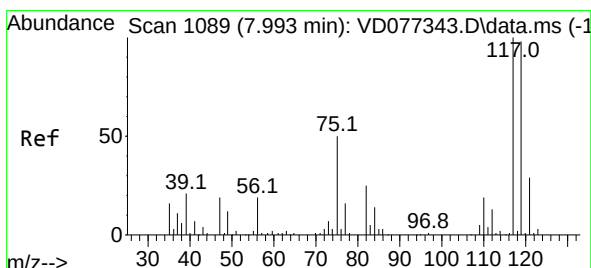
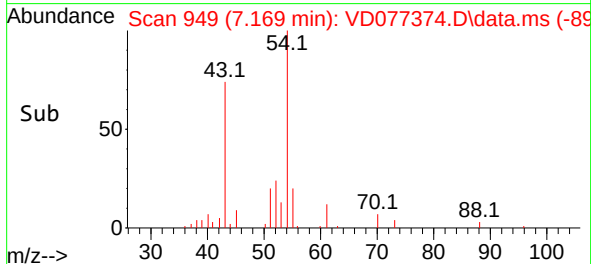
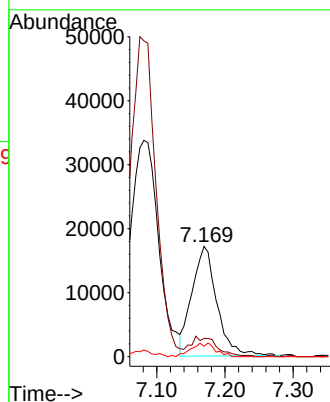
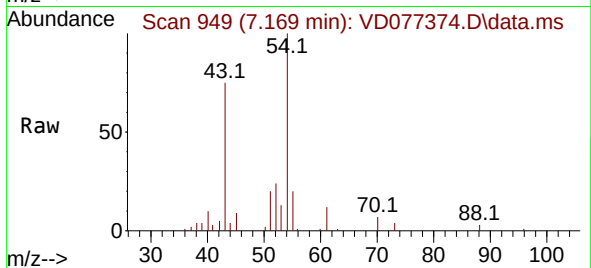
Tgt Ion: 43 Resp: 43548

Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

70 12.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 47.741 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

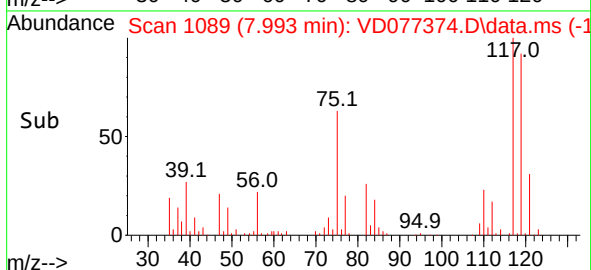
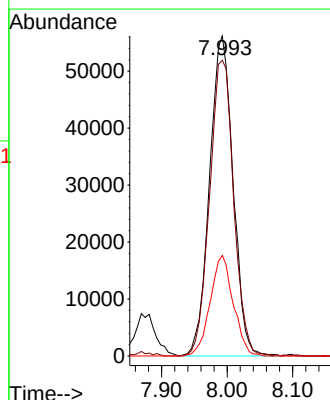
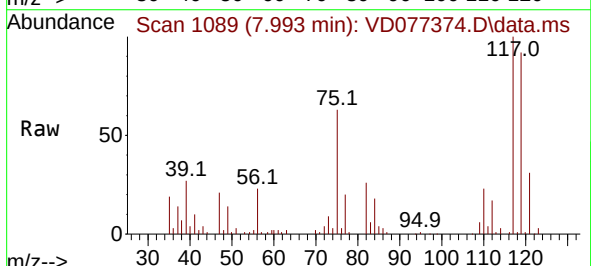
Tgt Ion: 117 Resp: 140062

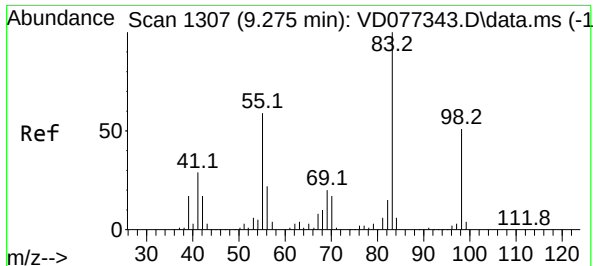
Ion Ratio Lower Upper

117 100

119 92.4 78.0 117.0

121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 48.632 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

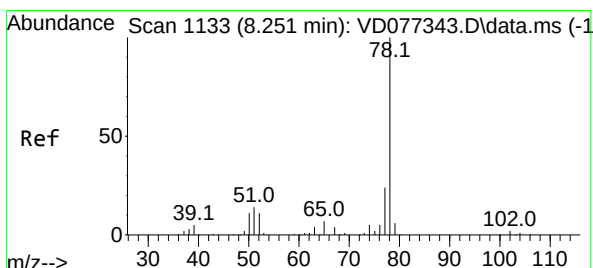
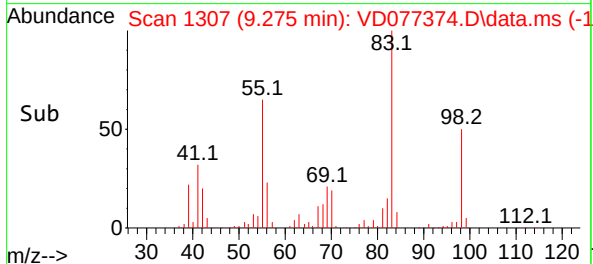
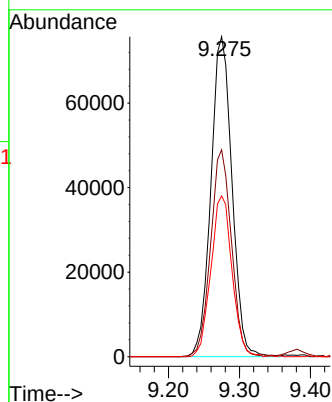
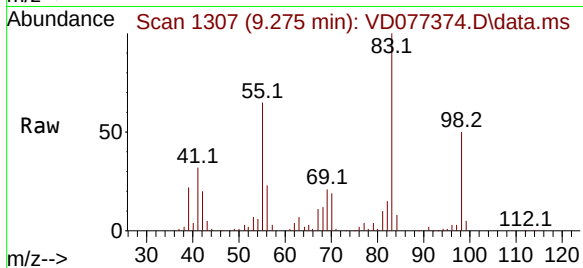
Tgt Ion: 83 Resp: 155841

Ion Ratio Lower Upper

83 100

55 64.7 49.4 74.0

98 50.3 38.4 57.6



#40

Benzene

Concen: 51.450 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077374.D

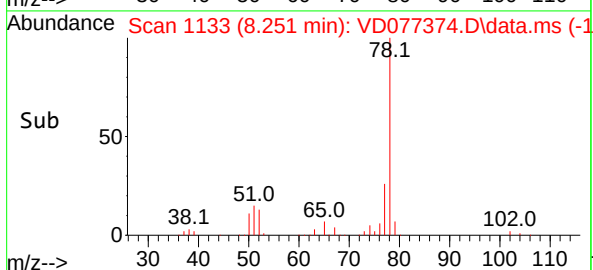
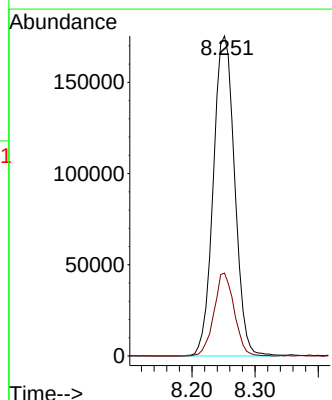
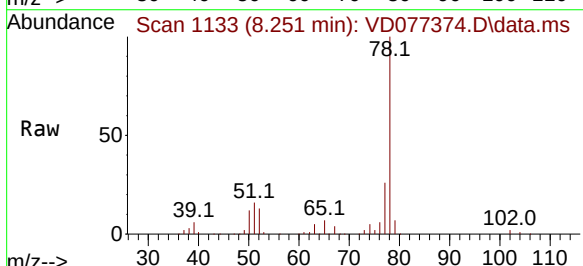
Acq: 20 Oct 2023 19:35

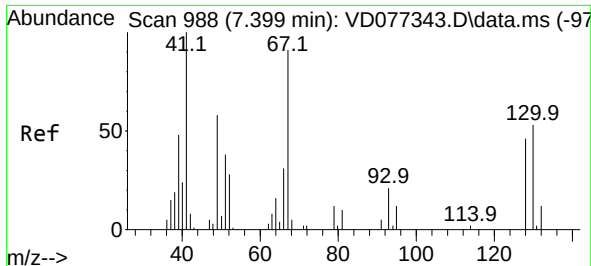
Tgt Ion: 78 Resp: 411767

Ion Ratio Lower Upper

78 100

77 25.9 19.4 29.0



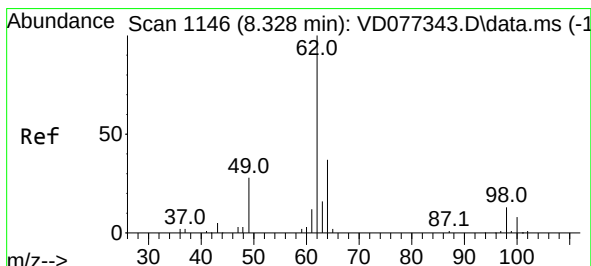
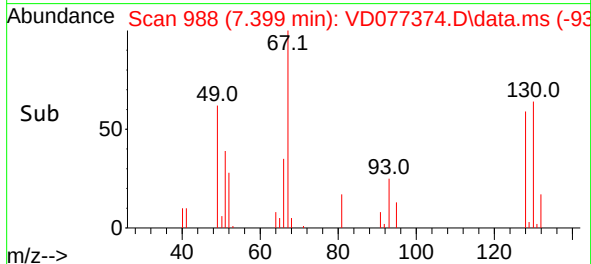
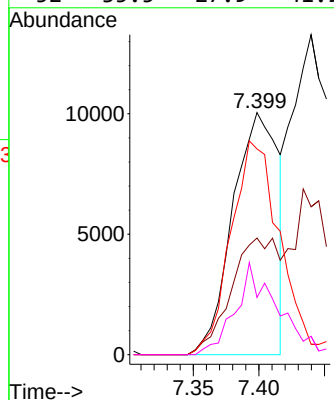
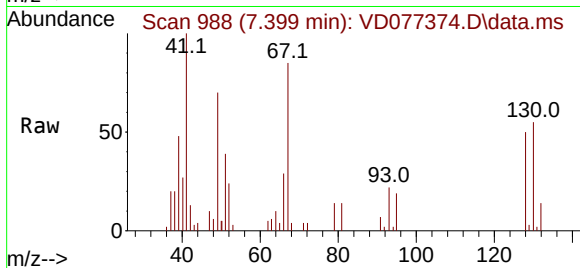


#41
Methacrylonitrile
Concen: 61.150 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 24176

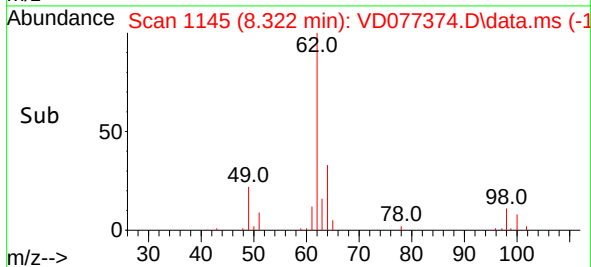
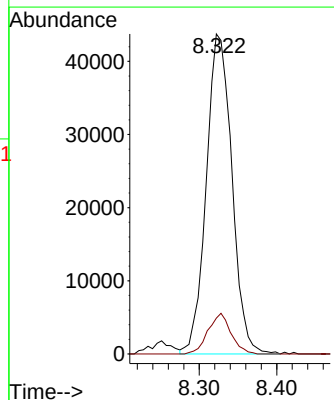
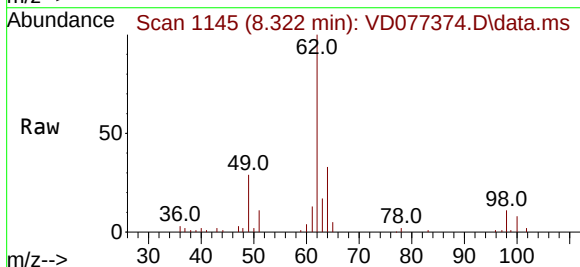
Ion	Ratio	Lower	Upper
41	100		
39	50.5	34.0	51.0
67	95.5	77.0	115.4
52	35.5	27.9	41.9

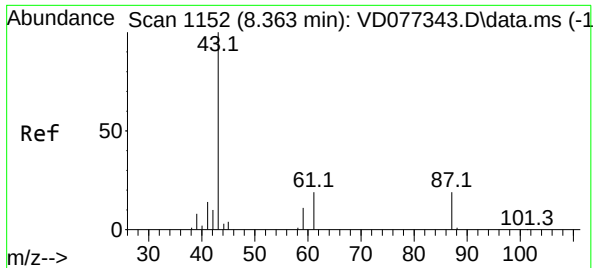


#42
1,2-Dichloroethane
Concen: 53.378 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 62 Resp: 100624

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

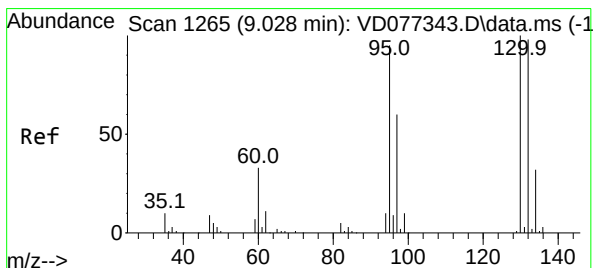
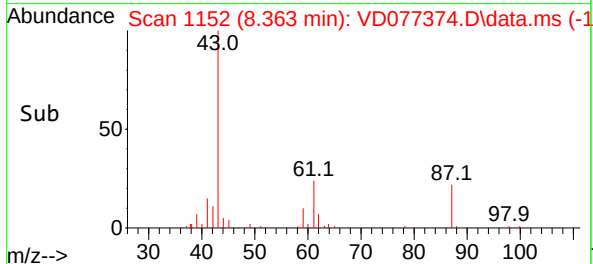
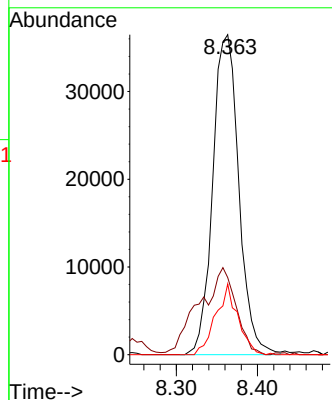
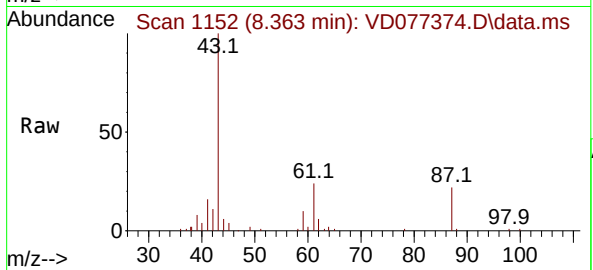




#43
Isopropyl Acetate
Concen: 54.655 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

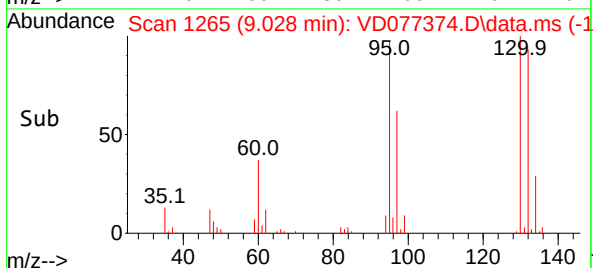
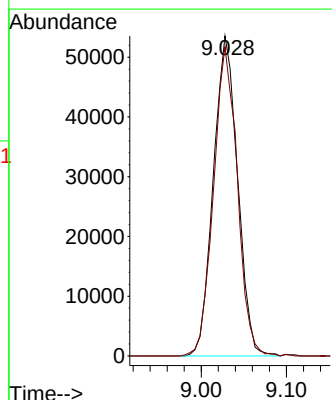
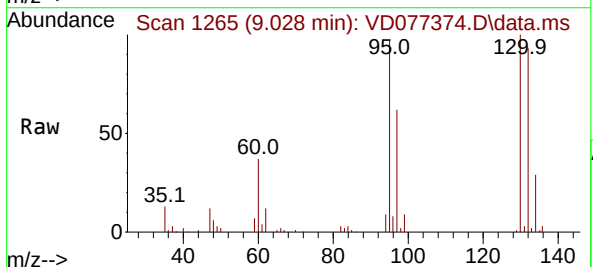
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

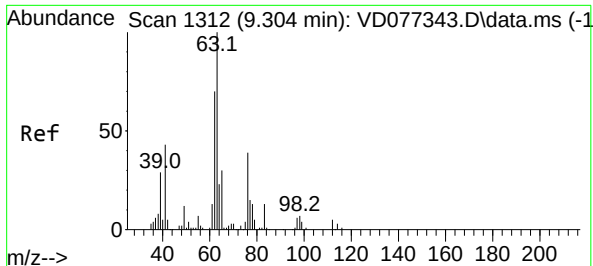
Tgt Ion: 43 Resp: 81510
Ion Ratio Lower Upper
43 100
61 38.4 31.4 47.0
87 18.8 14.9 22.3



#44
Trichloroethene
Concen: 45.238 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 130 Resp: 105852
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.040 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

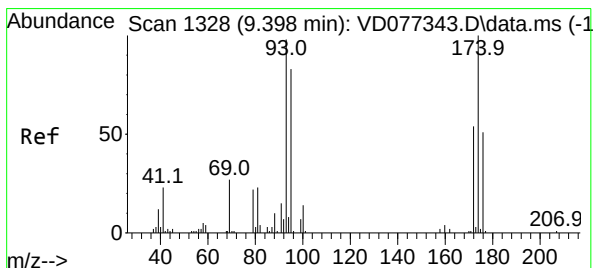
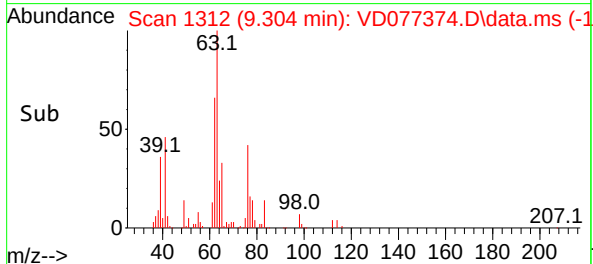
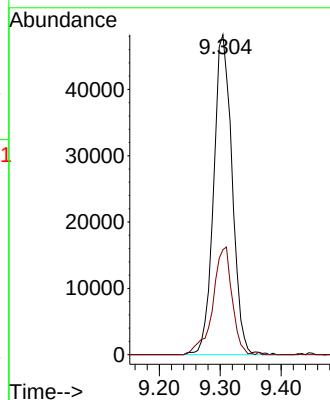
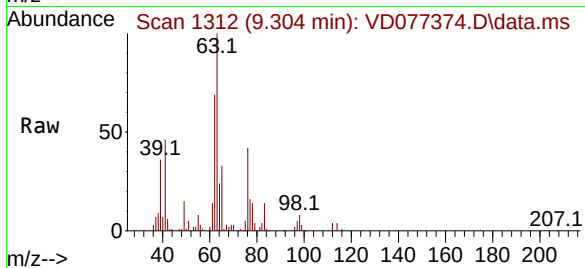
VSTDCCC050EC

Tgt Ion: 63 Resp: 101542

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 50.989 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

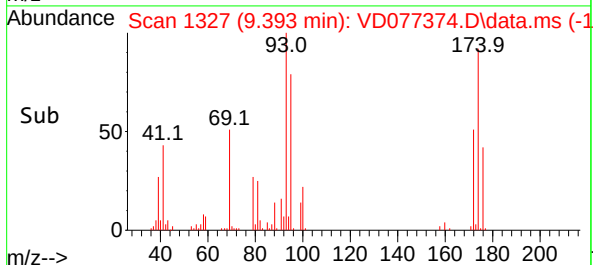
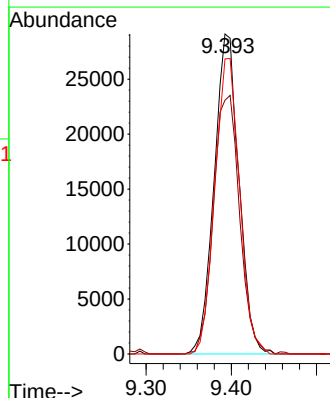
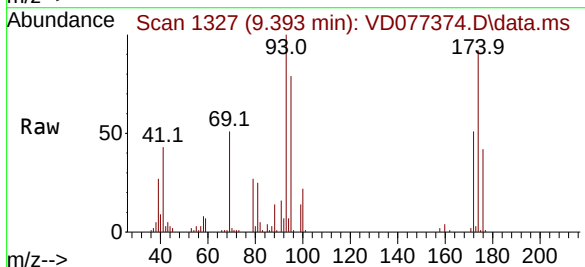
Tgt Ion: 93 Resp: 58809

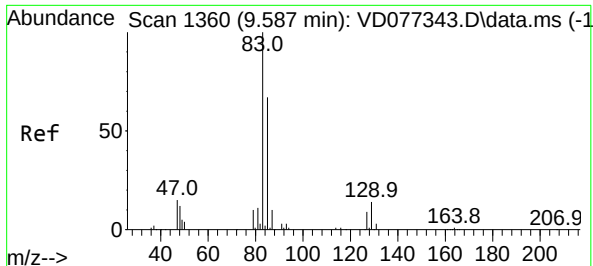
Ion Ratio Lower Upper

93 100

95 85.5 67.7 101.5

174 92.5 85.4 128.2

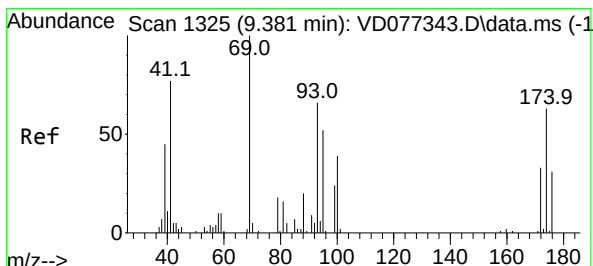
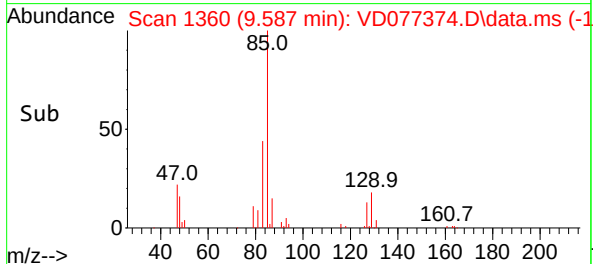
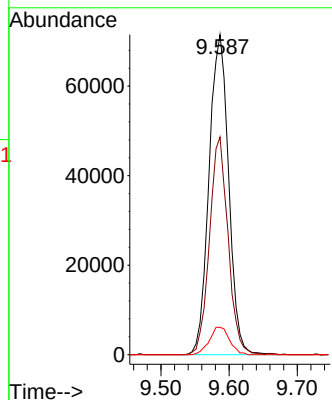
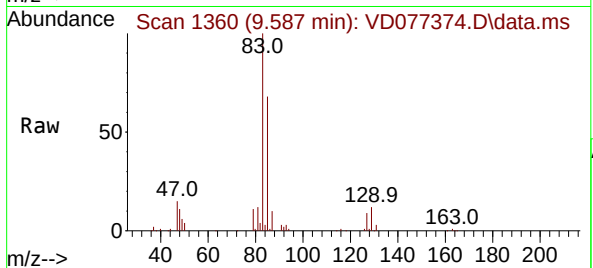




#47
Bromodichloromethane
Concen: 52.015 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

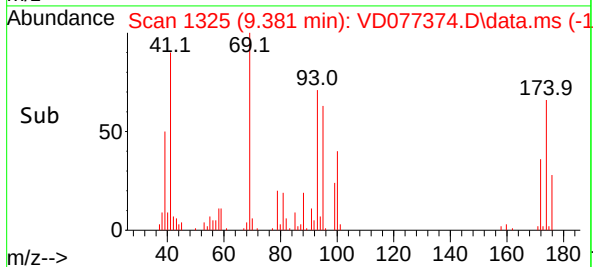
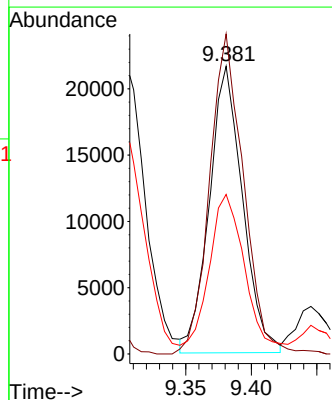
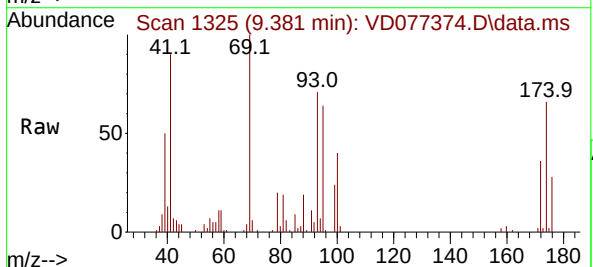
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

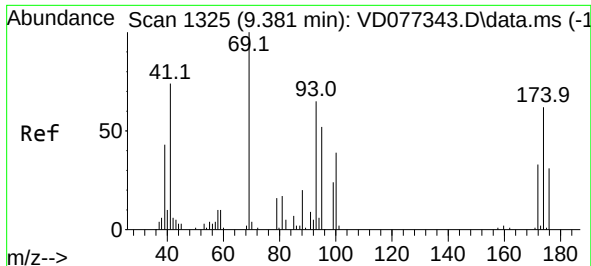
Tgt Ion: 83 Resp: 143054
Ion Ratio Lower Upper
83 100
85 68.0 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 56.575 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 41 Resp: 38169
Ion Ratio Lower Upper
41 100
69 113.7 102.2 153.2
39 54.8 41.4 62.2





#49

1,4-Dioxane

Concen: 922.562 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

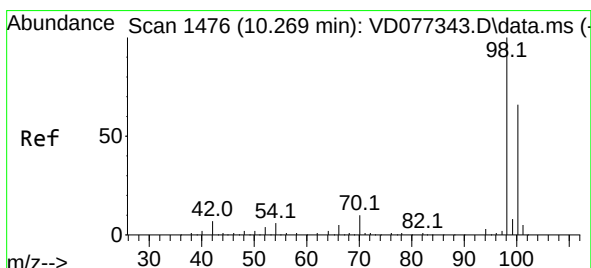
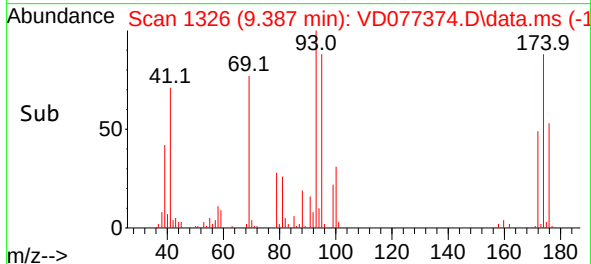
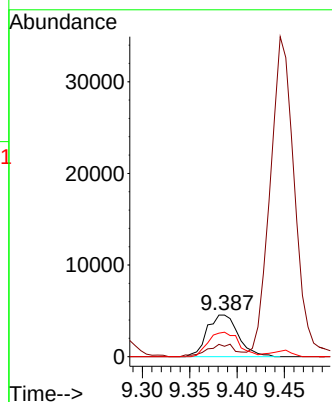
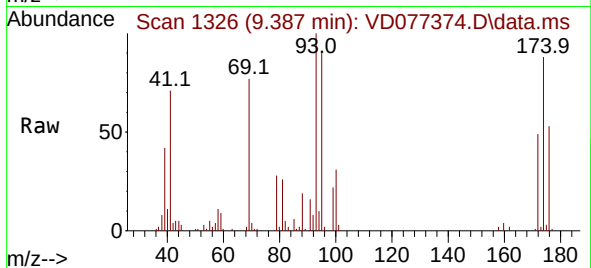
Tgt Ion: 88 Resp: 10419

Ion Ratio Lower Upper

88 100

43 27.8 19.0 28.6

58 57.5 43.5 65.3



#50

Toluene-d8

Concen: 47.663 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077374.D

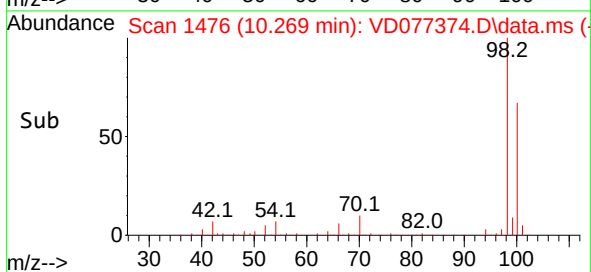
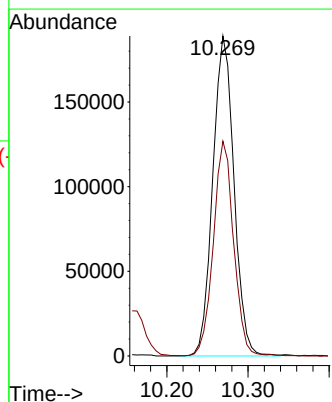
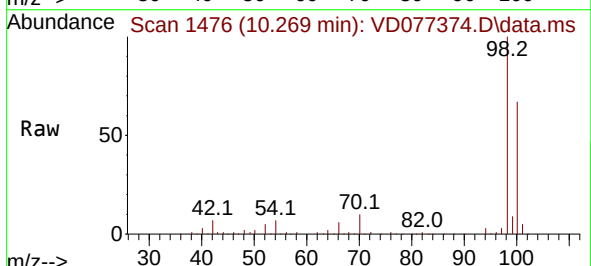
Acq: 20 Oct 2023 19:35

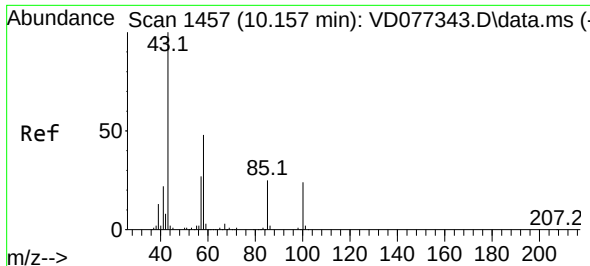
Tgt Ion: 98 Resp: 342599

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

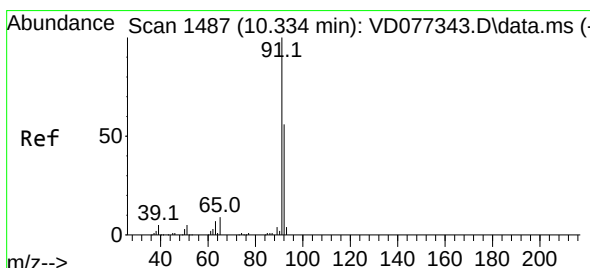
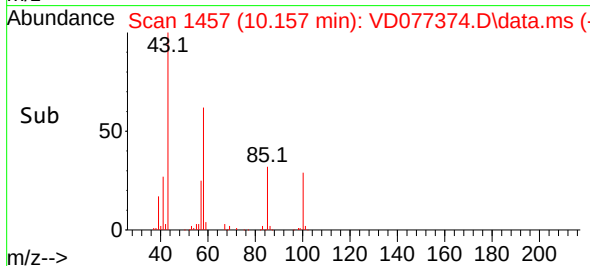
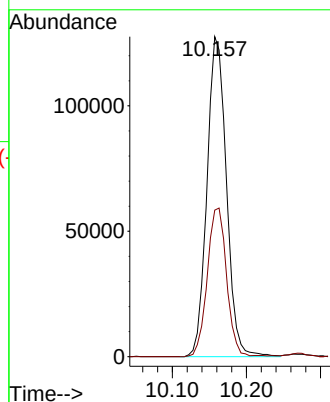
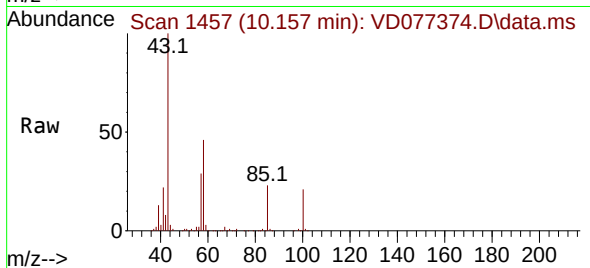




#51
4-Methyl-2-Pentanone
Concen: 311.353 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

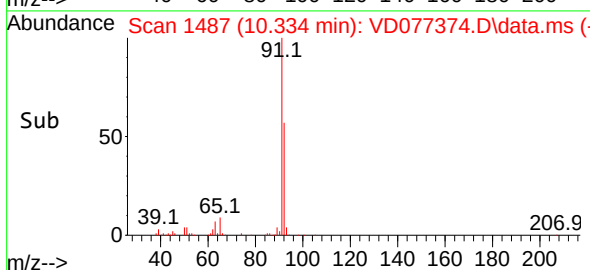
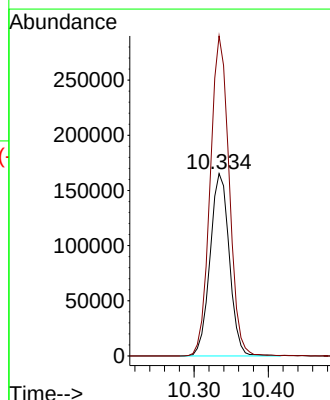
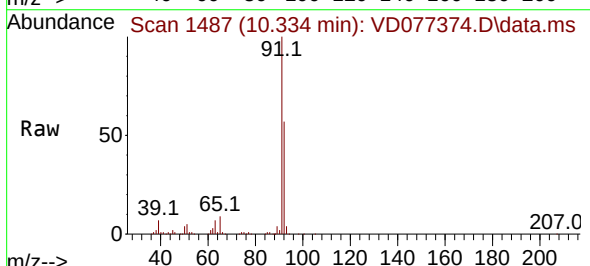
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

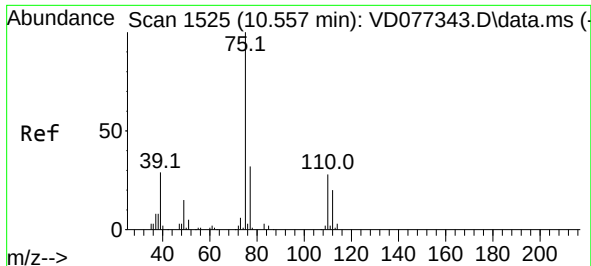
Tgt Ion: 43 Resp: 232762
Ion Ratio Lower Upper
43 100
58 46.4 38.9 58.3



#52
Toluene
Concen: 57.012 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 92 Resp: 297914
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

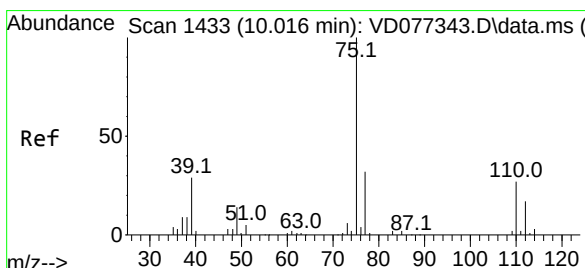
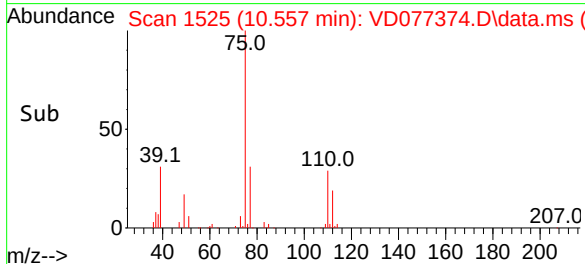
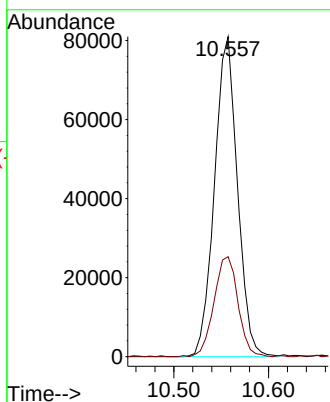
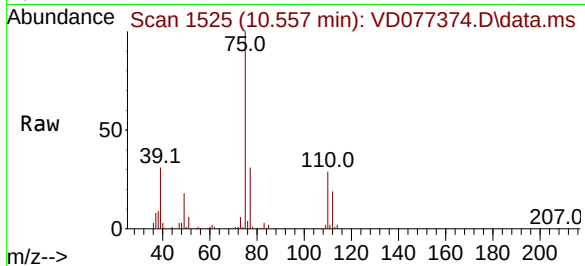




#53
t-1,3-Dichloropropene
Concen: 55.297 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

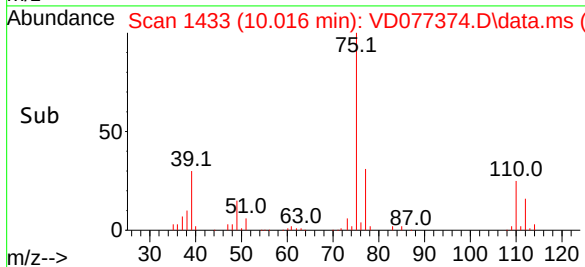
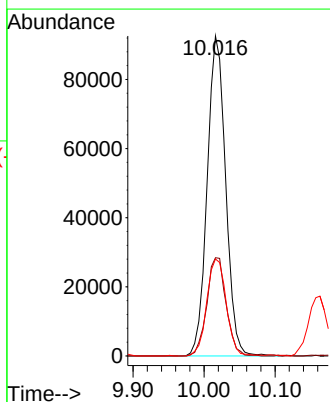
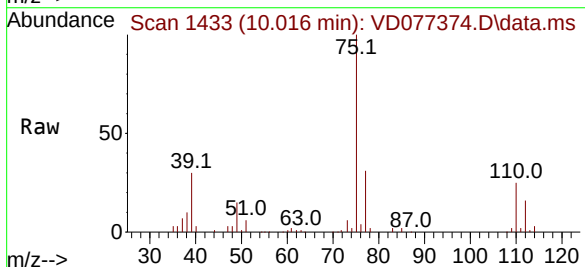
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

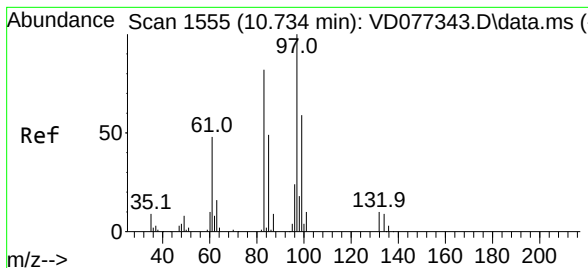
Tgt Ion: 75 Resp: 136509
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 55.519 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 75 Resp: 167692
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 30.3 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 56.698 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90574

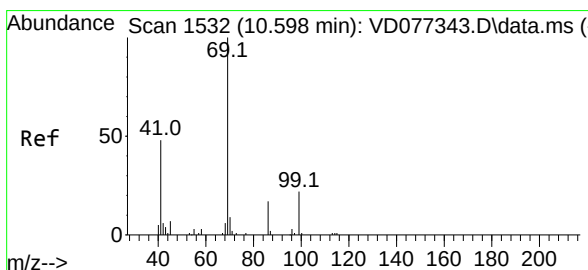
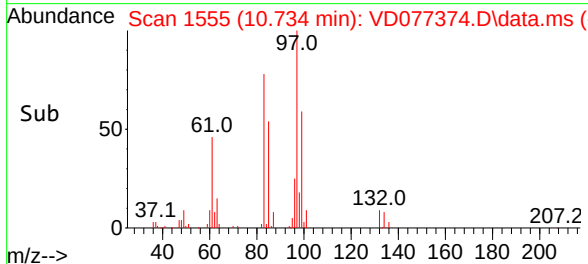
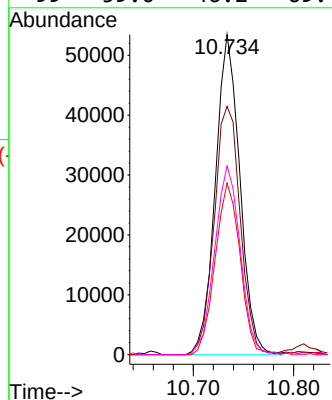
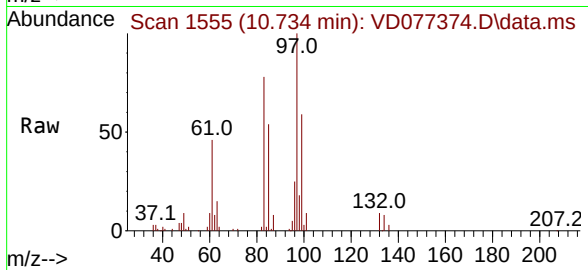
Ion Ratio Lower Upper

97 100

83 77.6 65.8 98.6

85 53.7 45.7 68.5

99 59.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 58.936 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

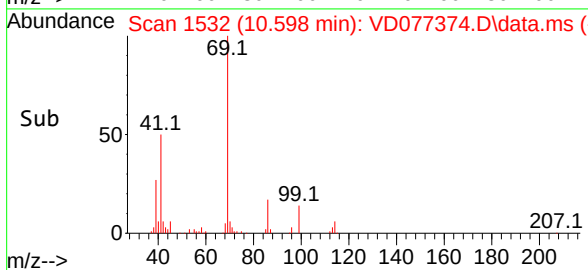
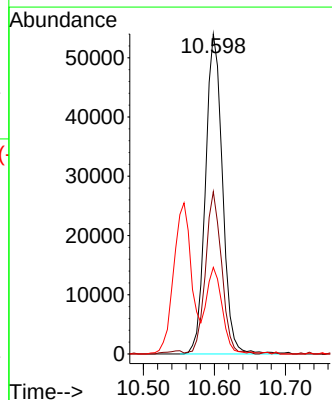
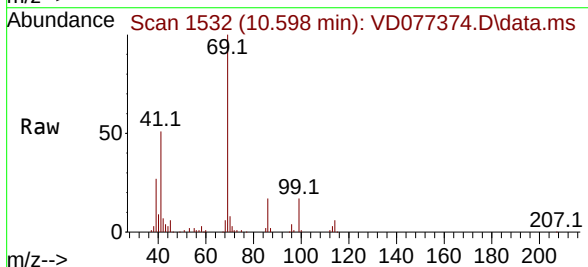
Tgt Ion: 69 Resp: 89977

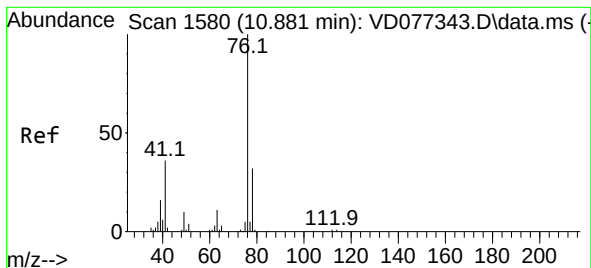
Ion Ratio Lower Upper

69 100

41 48.3 39.1 58.7

39 24.3 20.0 30.0





#57

1,3-Dichloropropane

Concen: 56.817 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

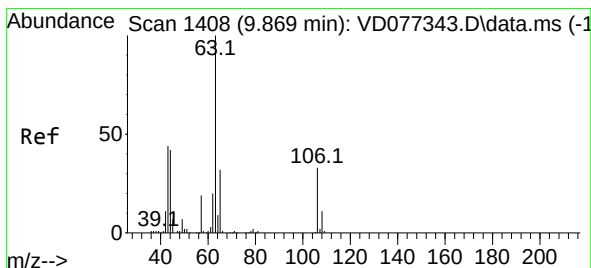
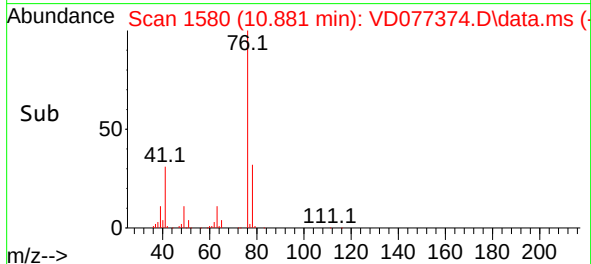
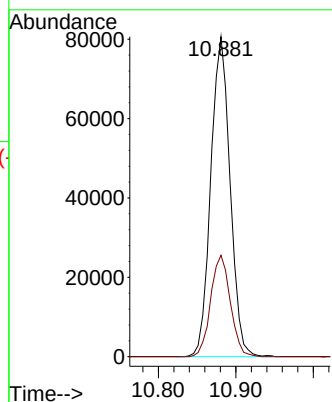
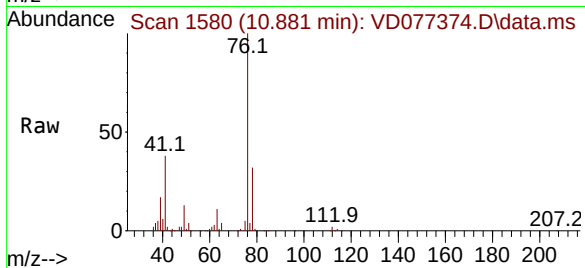
VSTDCCC050EC

Tgt Ion: 76 Resp: 139423

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 339.926 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077374.D

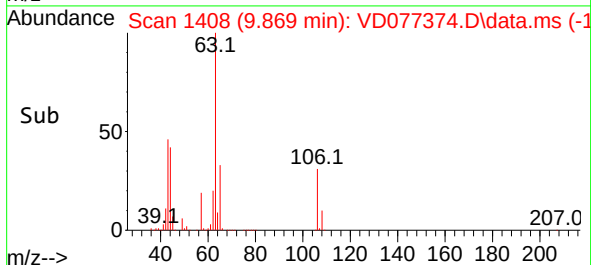
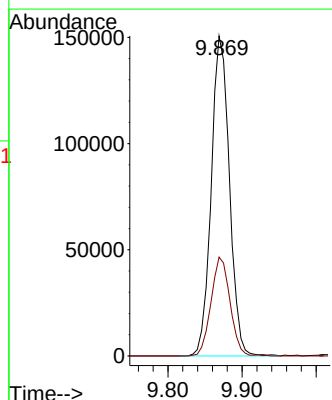
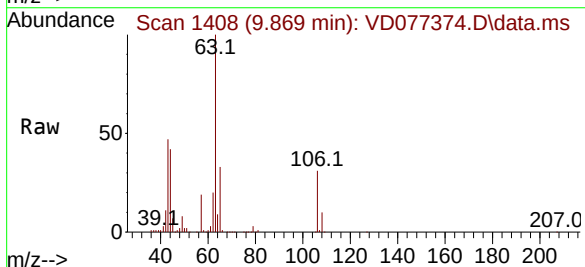
Acq: 20 Oct 2023 19:35

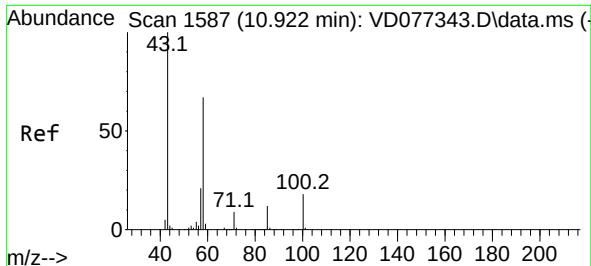
Tgt Ion: 63 Resp: 256639

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

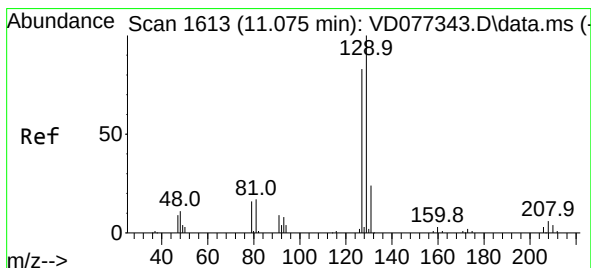
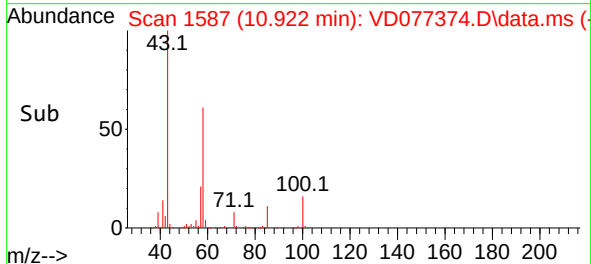
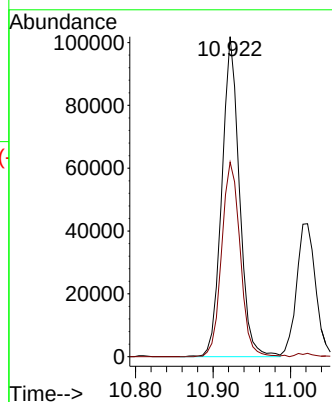
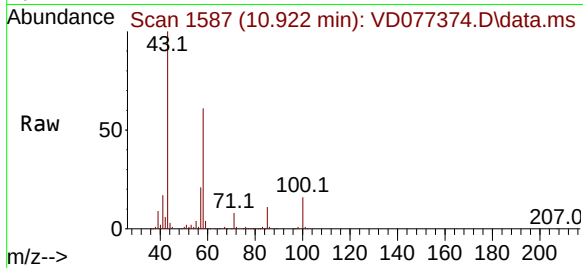




#59
2-Hexanone
Concen: 298.970 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

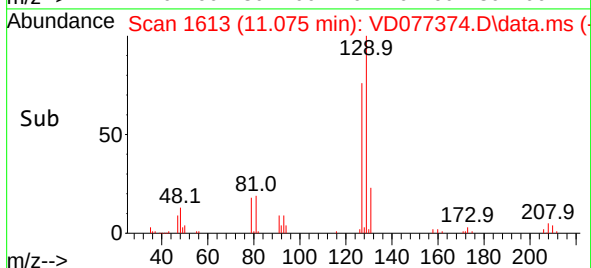
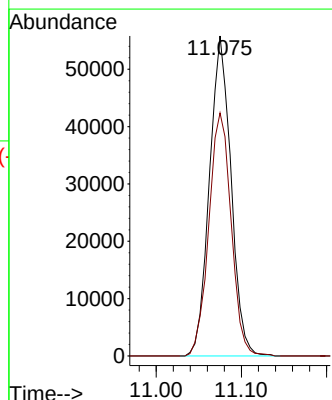
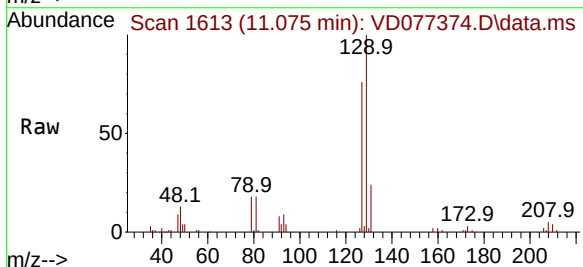
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

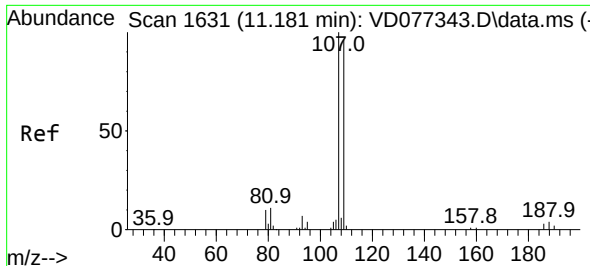
Tgt Ion: 43 Resp: 160525
Ion Ratio Lower Upper
43 100
58 64.1 34.1 102.2



#60
Dibromochloromethane
Concen: 48.059 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 129 Resp: 98030
Ion Ratio Lower Upper
129 100
127 78.7 37.1 111.5

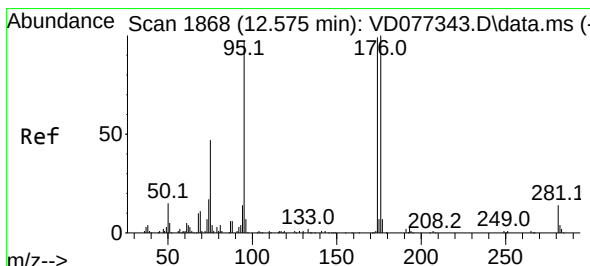
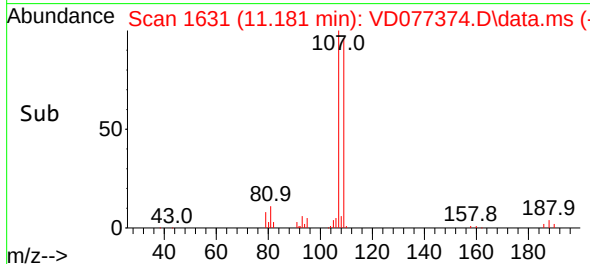
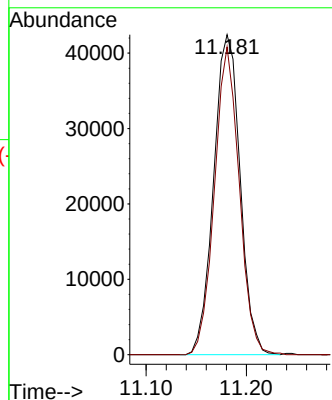
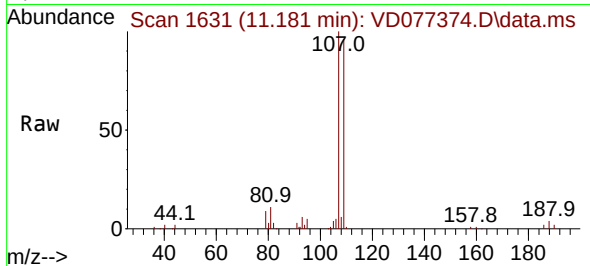




#61
1,2-Dibromoethane
Concen: 51.628 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

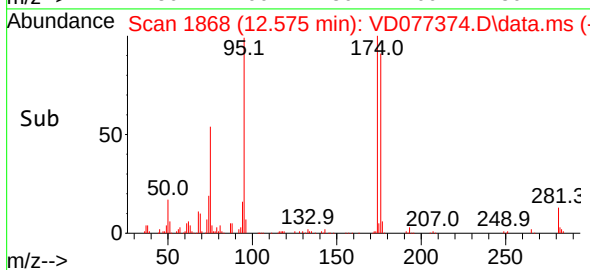
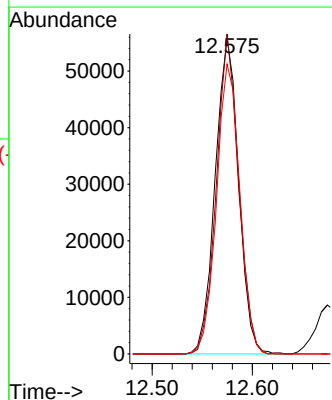
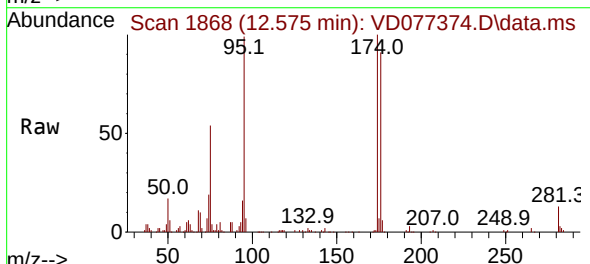
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

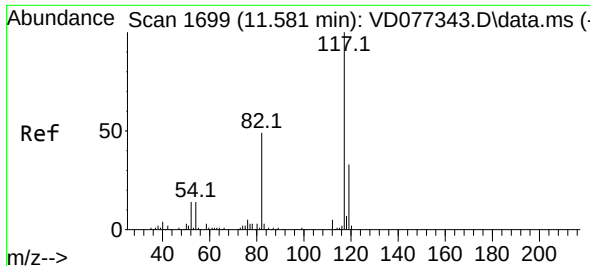
Tgt Ion:107 Resp: 77716
Ion Ratio Lower Upper
107 100
109 90.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.786 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 95 Resp: 90599
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 91.4 0.0 191.8

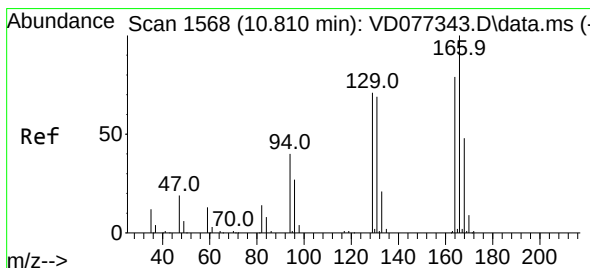
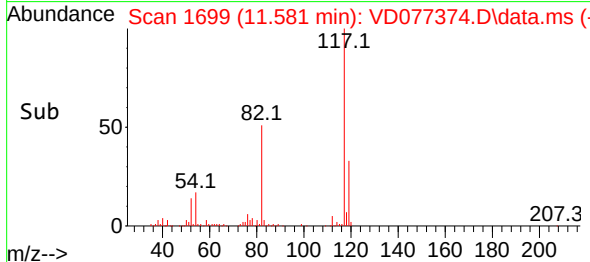
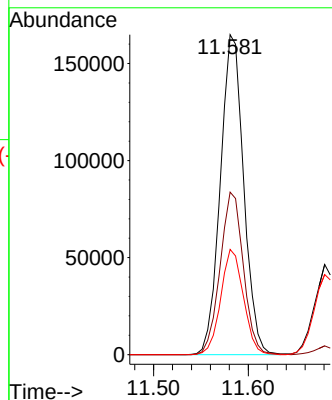
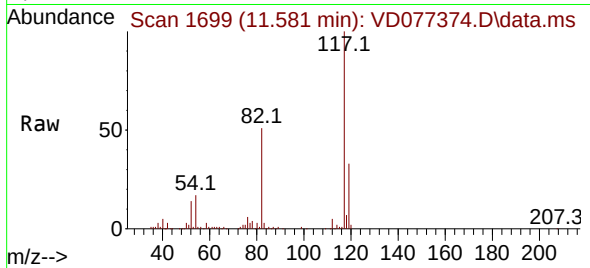




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

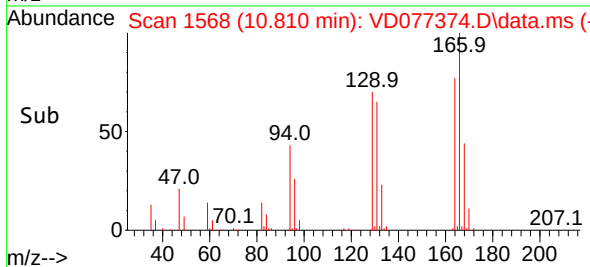
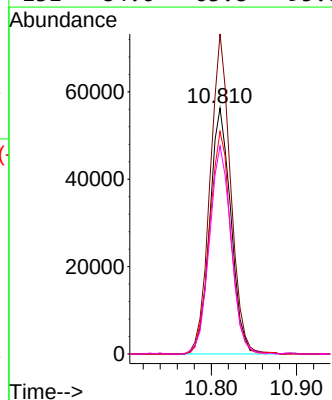
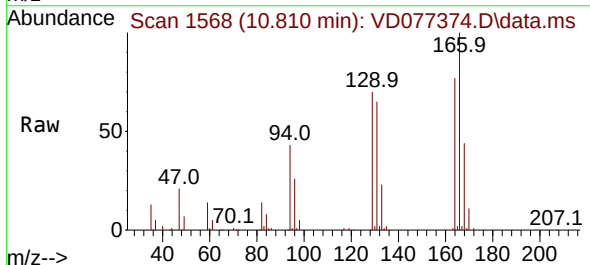
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

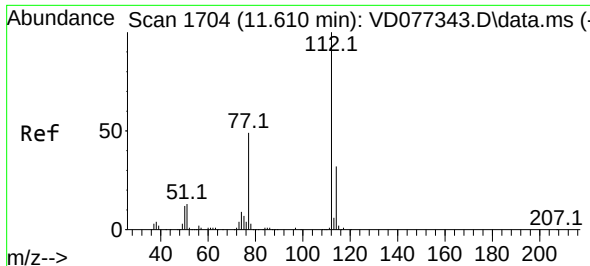
Tgt Ion:117 Resp: 282611
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 32.9 25.0 37.4



#64
Tetrachloroethene
Concen: 46.186 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:164 Resp: 97017
Ion Ratio Lower Upper
164 100
166 130.1 99.2 148.8
129 90.5 68.4 102.6
131 84.6 63.8 95.8

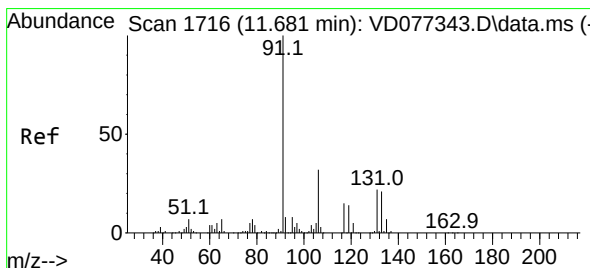
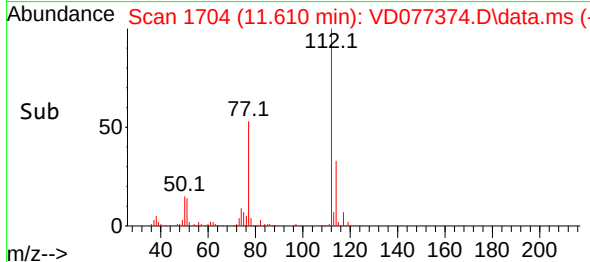
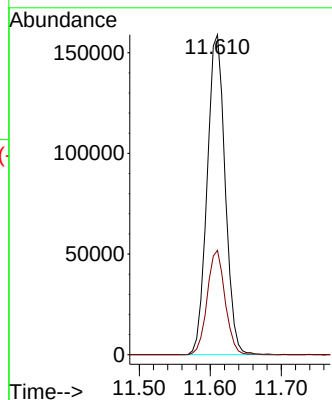
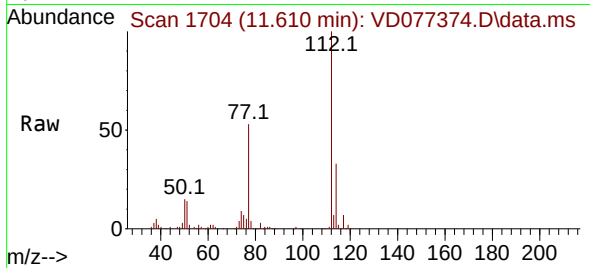




#65
Chlorobenzene
Concen: 45.452 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

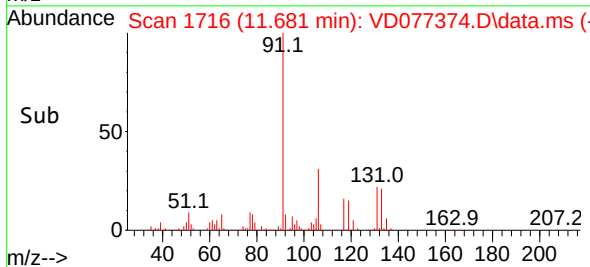
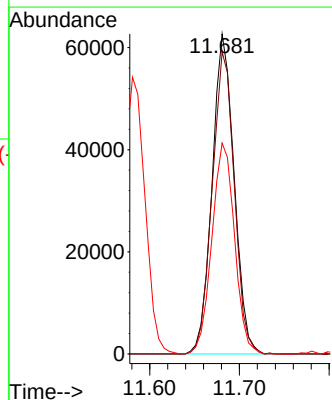
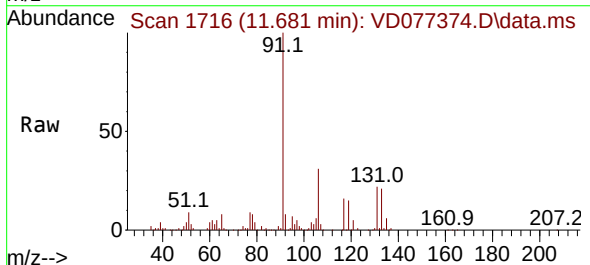
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

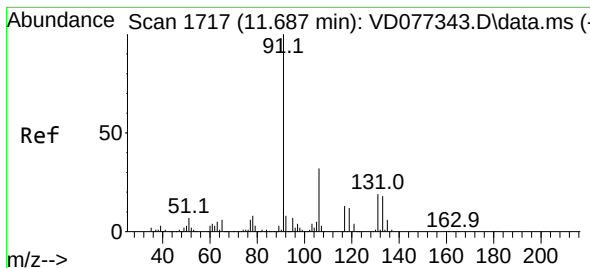
Tgt Ion:112 Resp: 279988
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.576 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:131 Resp: 106722
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.5
119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 48.698 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

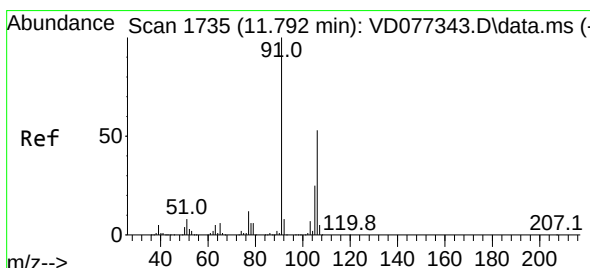
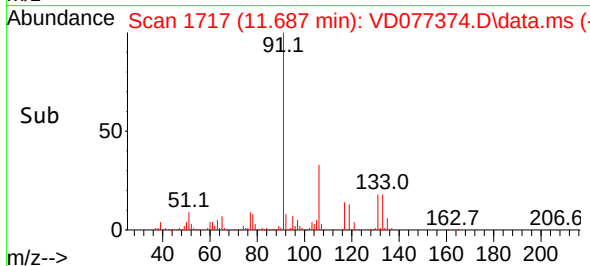
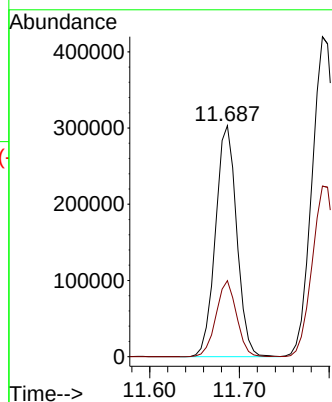
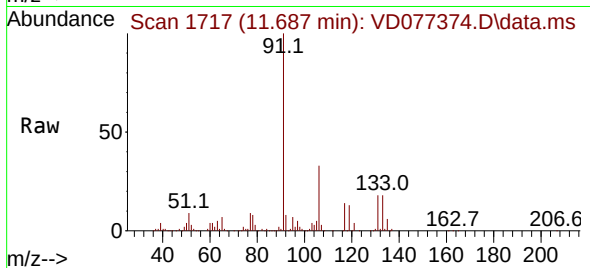
VSTDCCC050EC

Tgt Ion: 91 Resp: 497273

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7



#68

m/p-Xylenes

Concen: 100.276 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077374.D

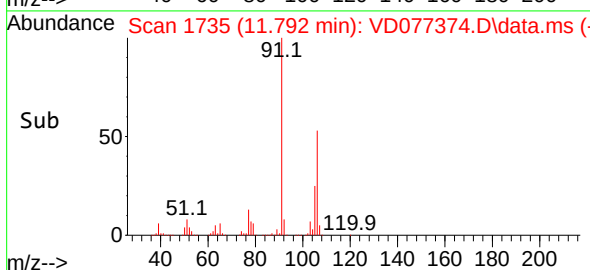
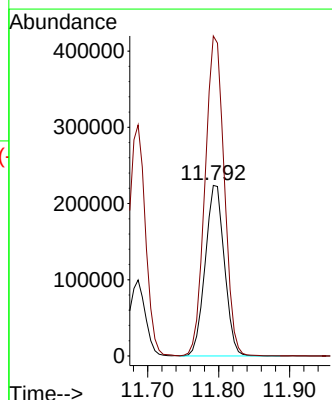
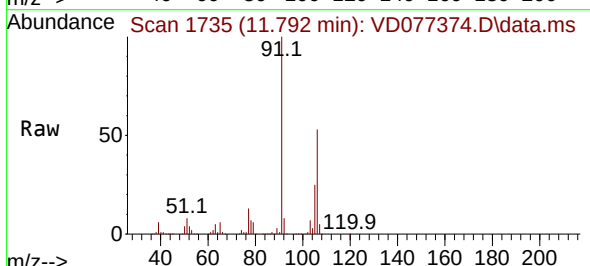
Acq: 20 Oct 2023 19:35

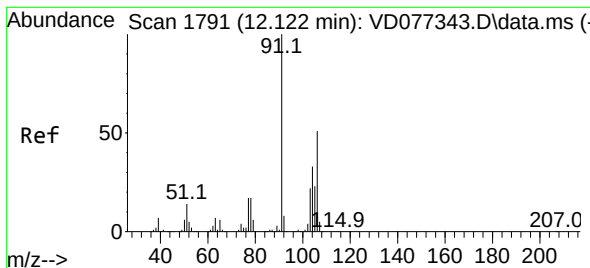
Tgt Ion:106 Resp: 420478

Ion Ratio Lower Upper

106 100

91 187.5 147.0 220.6

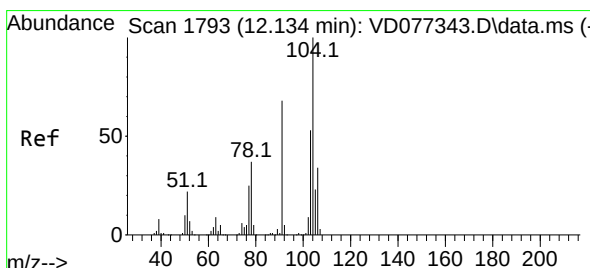
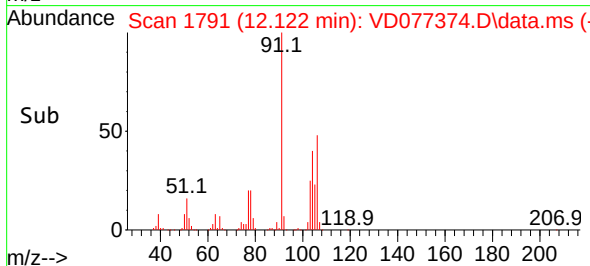
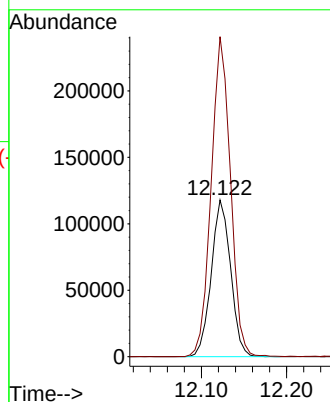
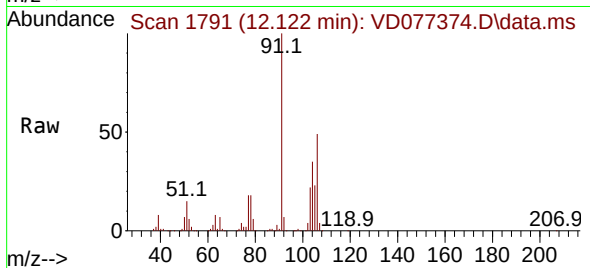




#69
o-Xylene
Concen: 48.221 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

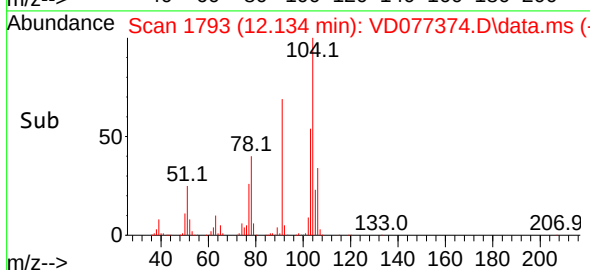
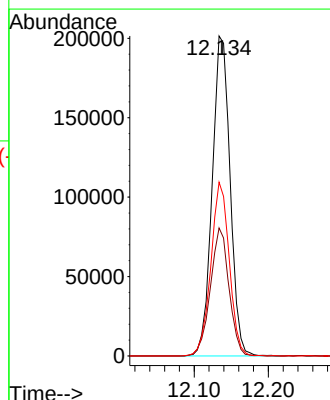
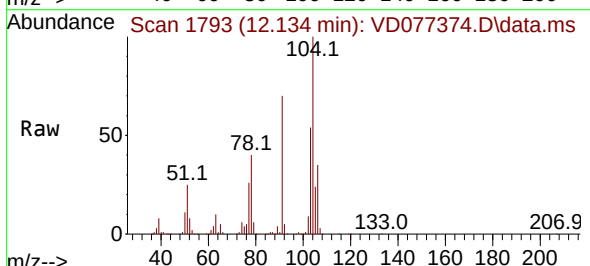
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

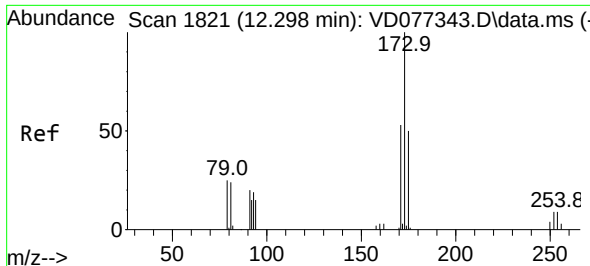
Tgt Ion:106 Resp: 186140
Ion Ratio Lower Upper
106 100
91 203.8 97.9 293.6



#70
Styrene
Concen: 51.393 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:104 Resp: 338472
Ion Ratio Lower Upper
104 100
78 41.6 33.2 49.8
103 55.6 43.6 65.4

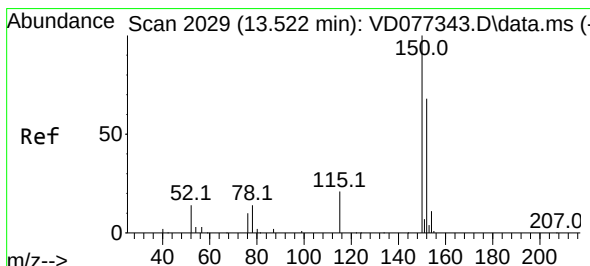
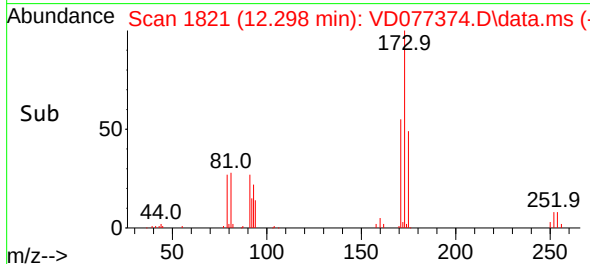
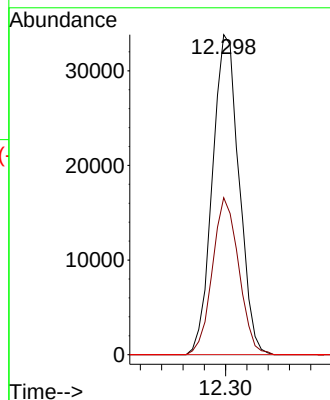
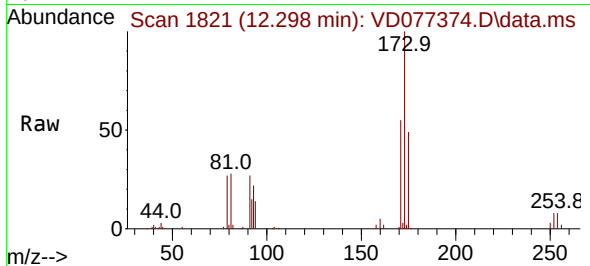




#71
Bromoform
Concen: 45.656 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

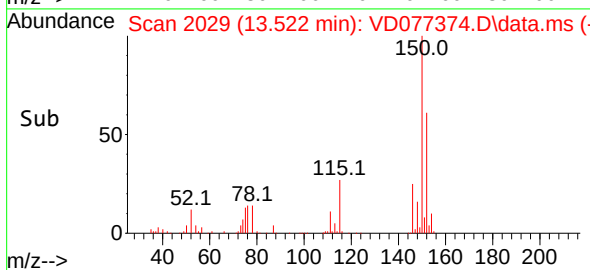
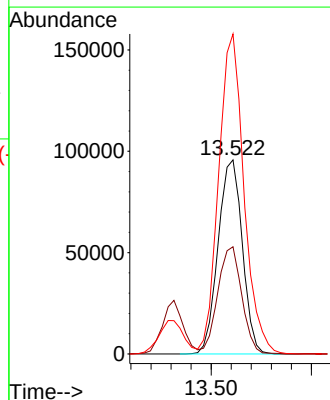
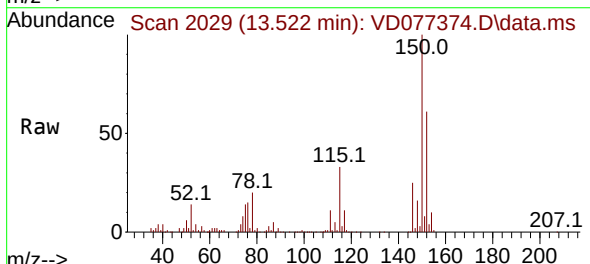
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

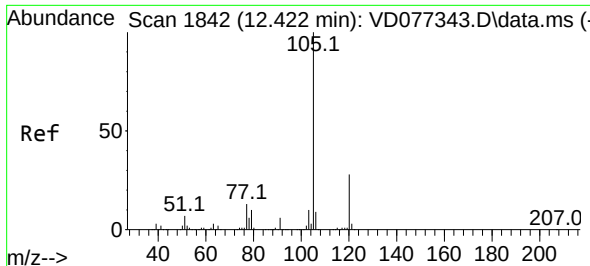
Tgt Ion:173 Resp: 58606
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:152 Resp: 160533
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 172.2 0.0 353.6

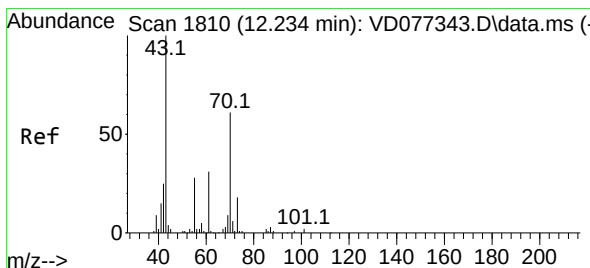
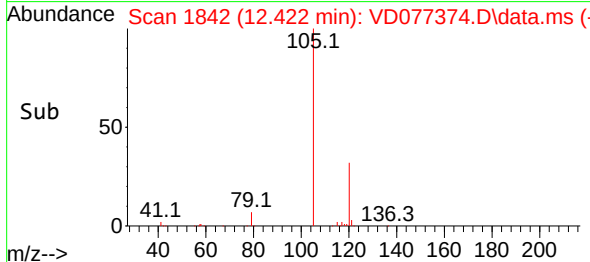
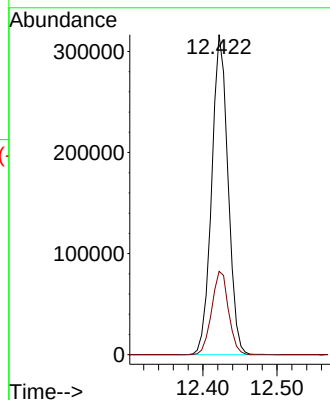
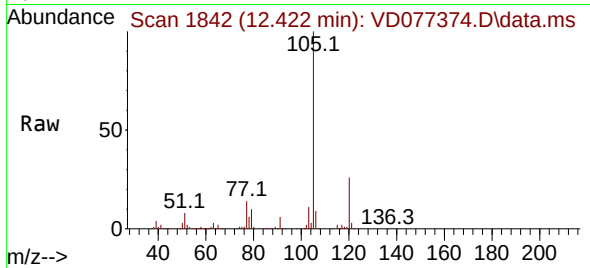




#73
Isopropylbenzene
Concen: 45.560 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

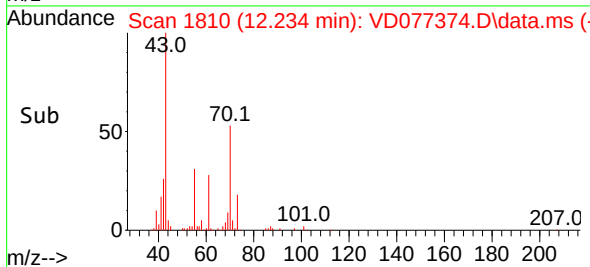
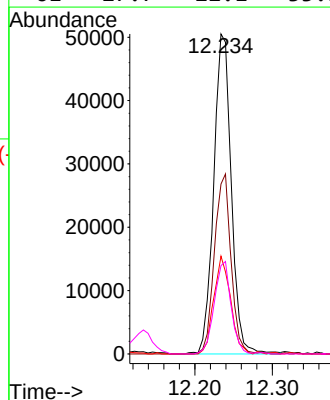
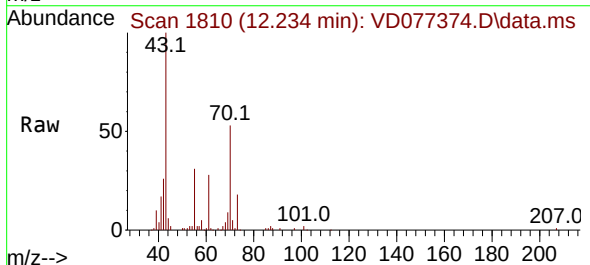
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

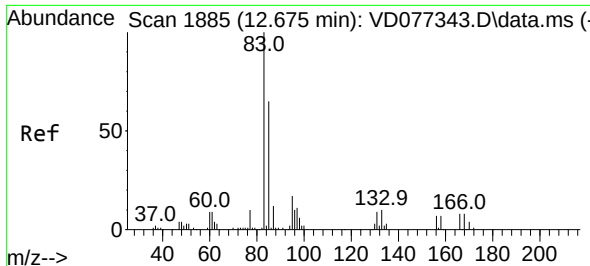
Tgt Ion:105 Resp: 483776
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 52.069 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 43 Resp: 79538
Ion Ratio Lower Upper
43 100
70 53.3 45.0 67.4
55 29.2 23.8 35.6
61 27.7 22.1 33.1

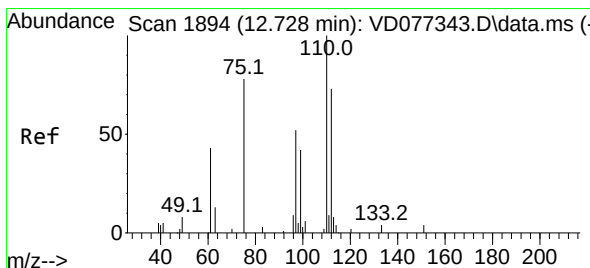
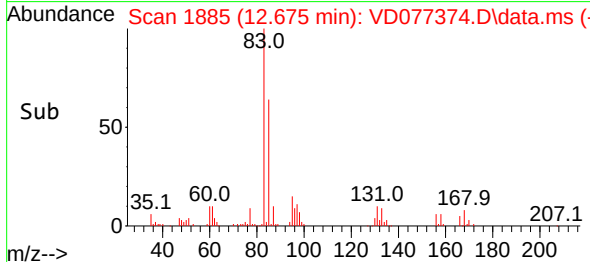
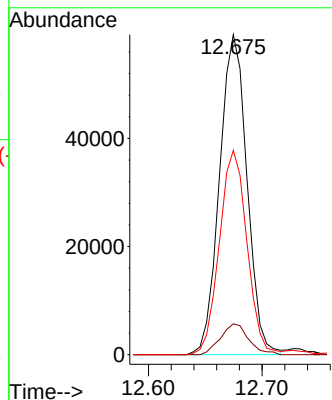
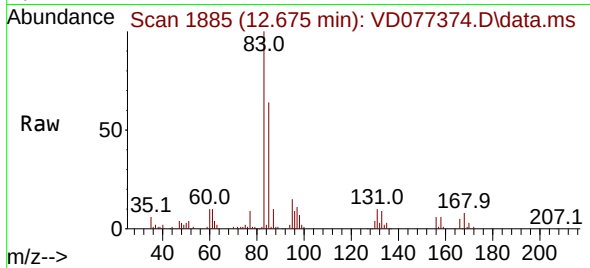




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.574 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

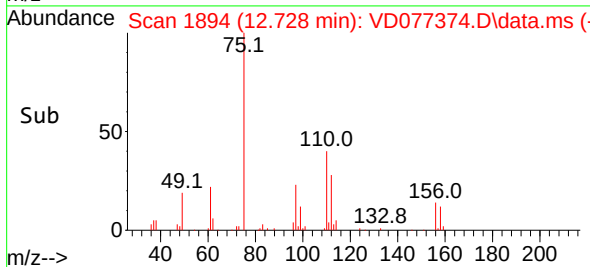
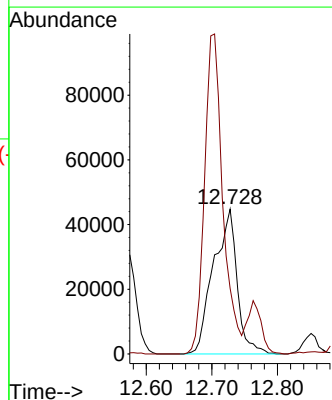
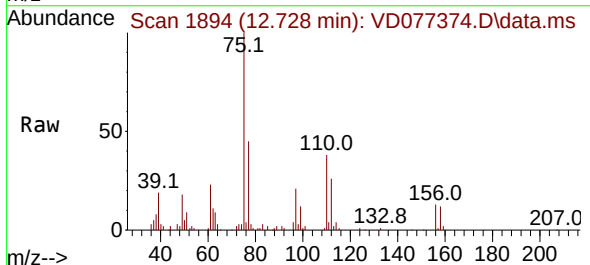
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

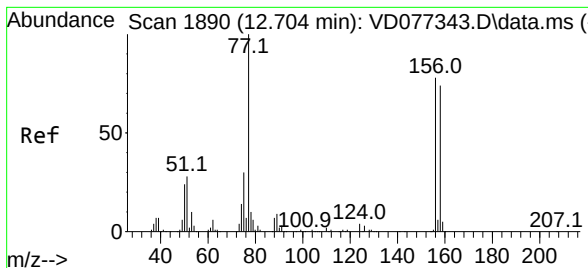
Tgt Ion: 83 Resp: 99514
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 51.321 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD077374.D
 Acq: 20 Oct 2023 19:35

Tgt Ion: 75 Resp: 112014
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.680 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

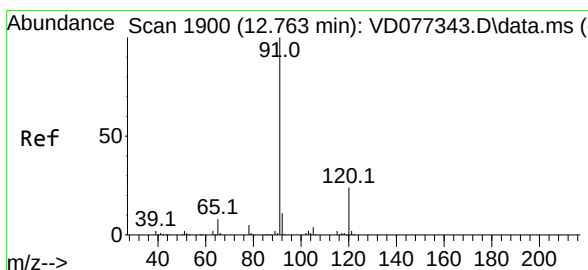
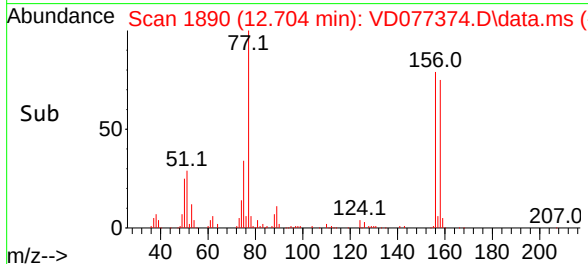
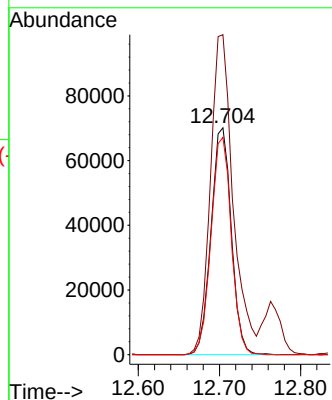
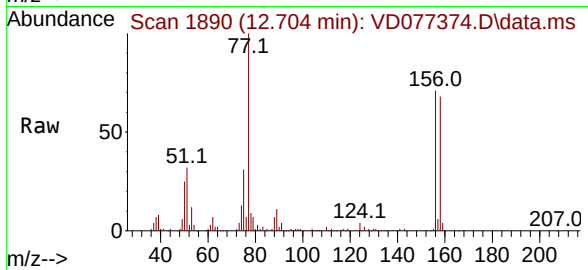
Tgt Ion:156 Resp: 121767

Ion Ratio Lower Upper

156 100

77 157.4 76.8 230.4

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 50.822 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077374.D

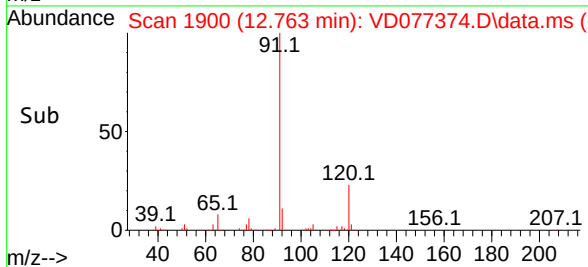
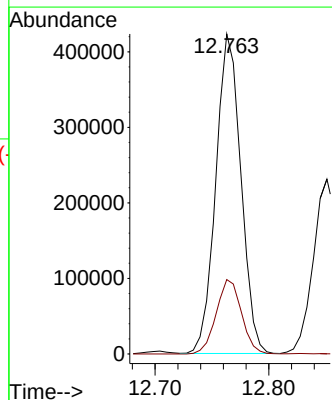
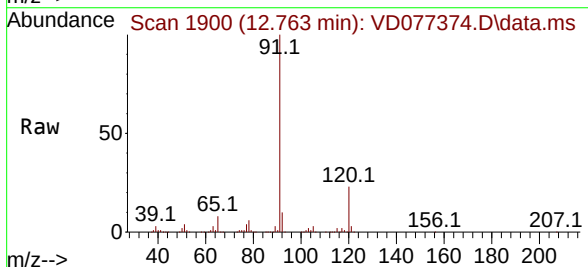
Acq: 20 Oct 2023 19:35

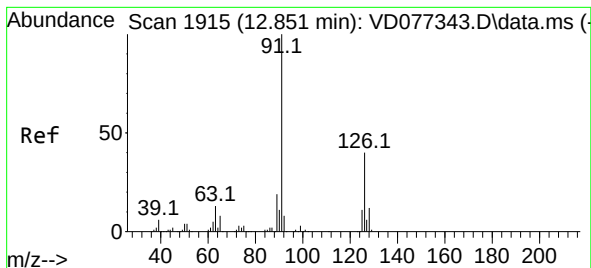
Tgt Ion: 91 Resp: 649913

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 53.100 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

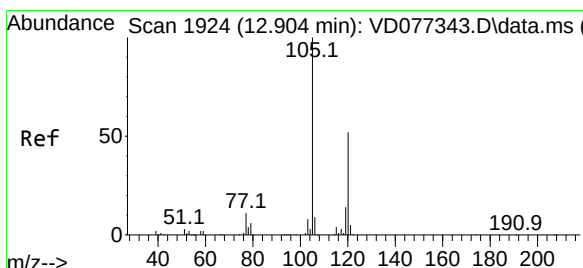
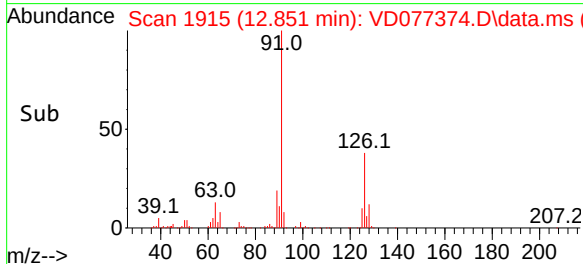
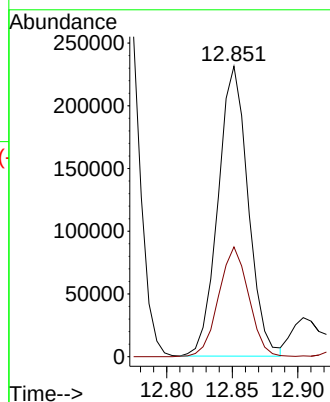
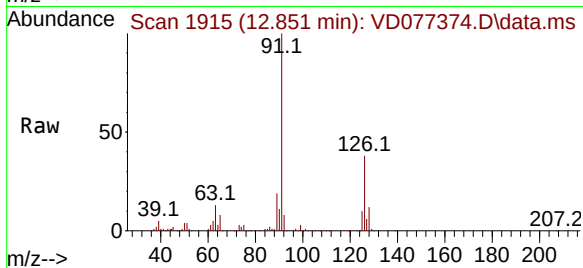
VSTDCCC050EC

Tgt Ion: 91 Resp: 369861

Ion Ratio Lower Upper

91 100

126 37.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 54.224 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077374.D

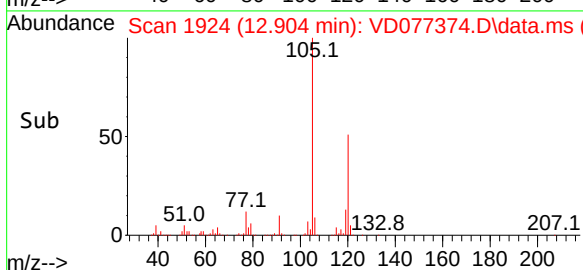
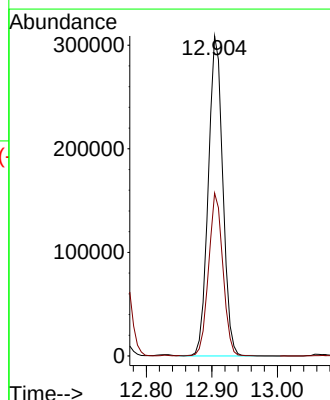
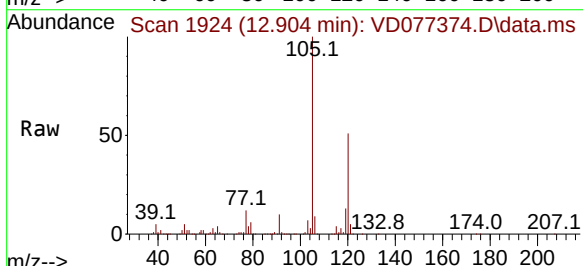
Acq: 20 Oct 2023 19:35

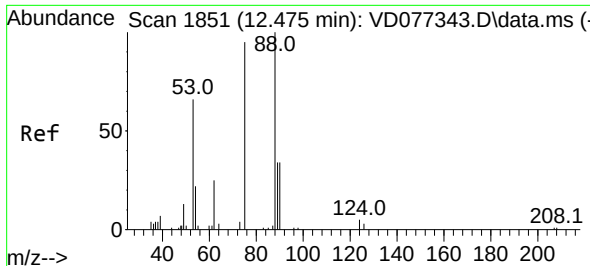
Tgt Ion: 105 Resp: 475139

Ion Ratio Lower Upper

105 100

120 50.2 26.4 79.2

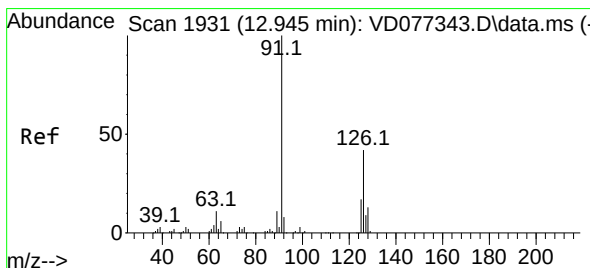
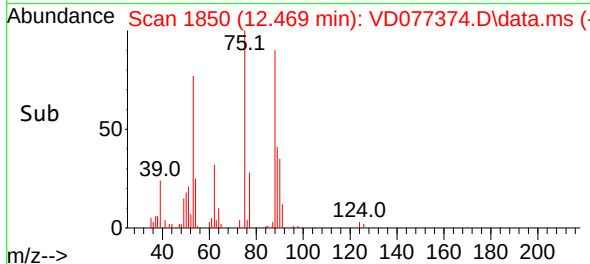
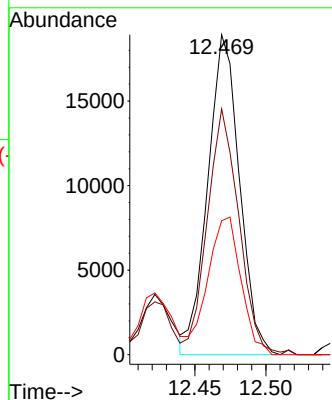
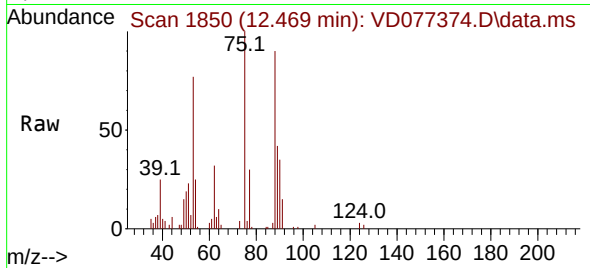




#81
trans-1,4-Dichloro-2-butene
Concen: 49.101 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

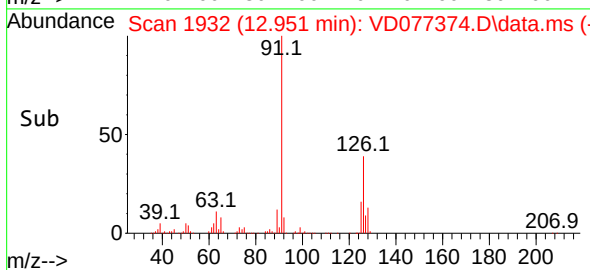
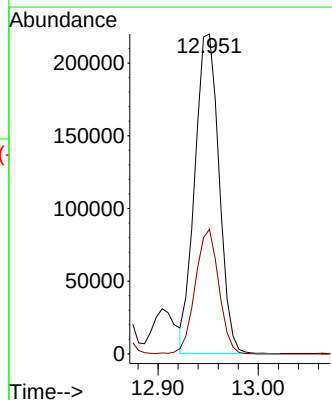
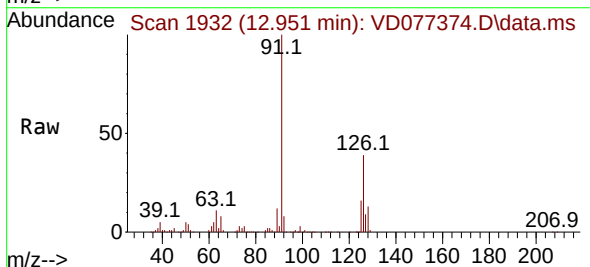
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

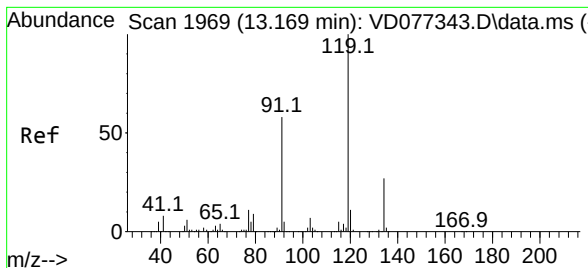
Tgt Ion: 75 Resp: 29417
Ion Ratio Lower Upper
75 100
53 76.7 63.0 94.4
89 44.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.960 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 91 Resp: 369548
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 47.721 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

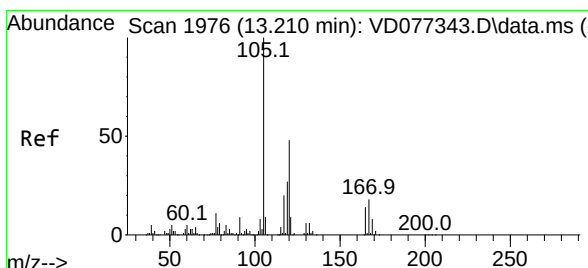
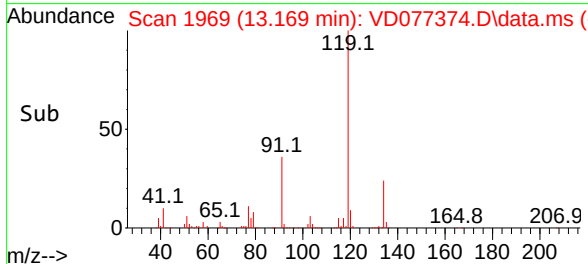
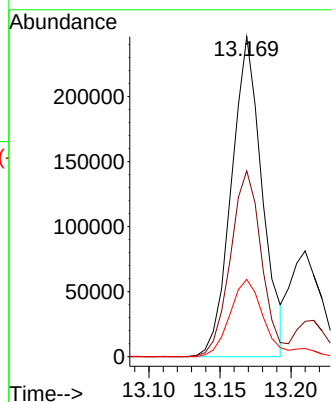
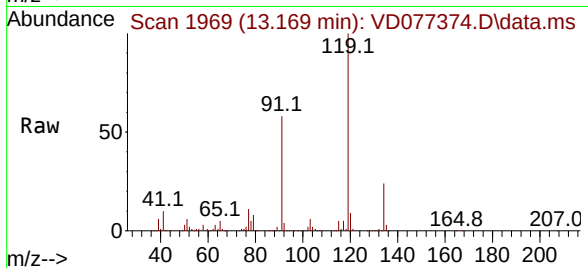
Tgt Ion:119 Resp: 370727

Ion Ratio Lower Upper

119 100

91 59.3 29.3 87.8

134 27.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.813 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077374.D

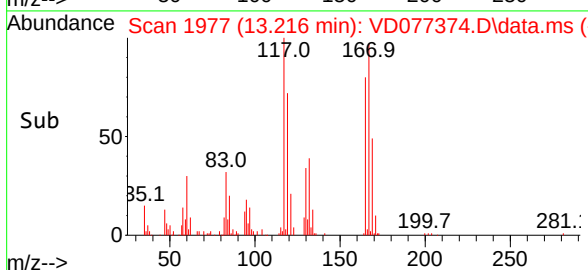
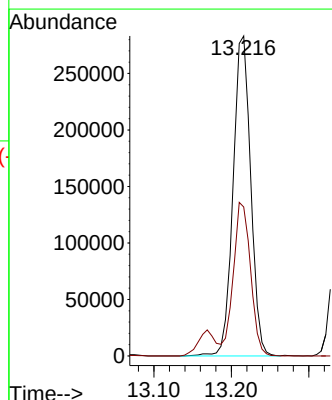
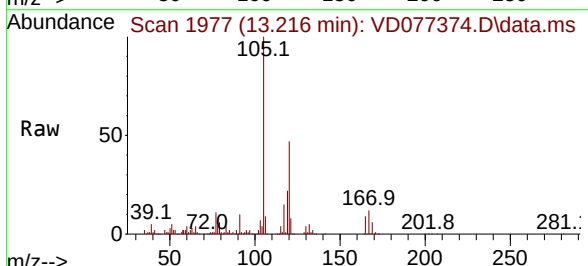
Acq: 20 Oct 2023 19:35

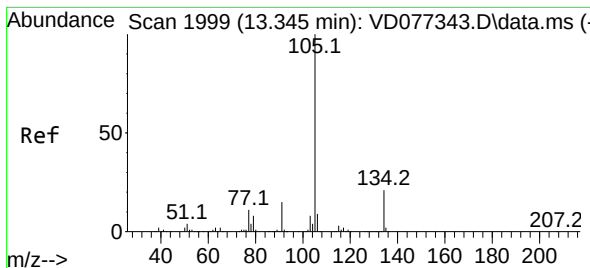
Tgt Ion:105 Resp: 448284

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.602 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

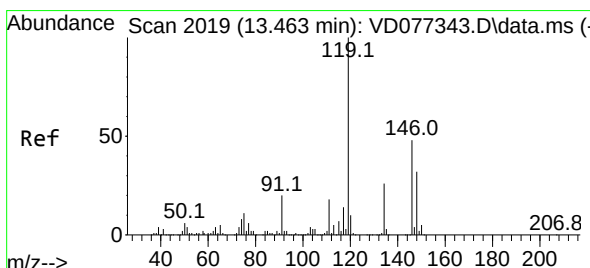
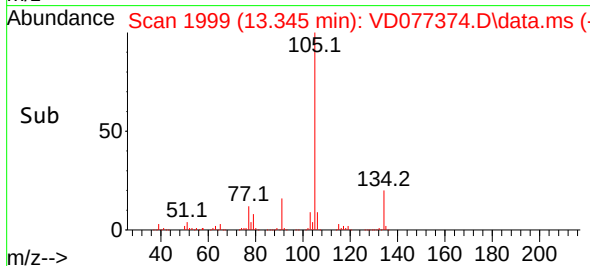
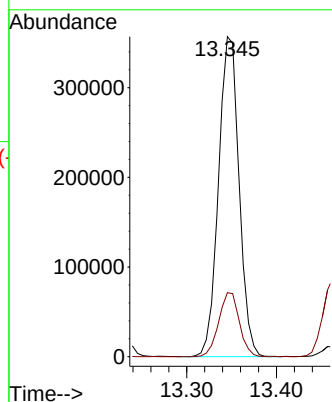
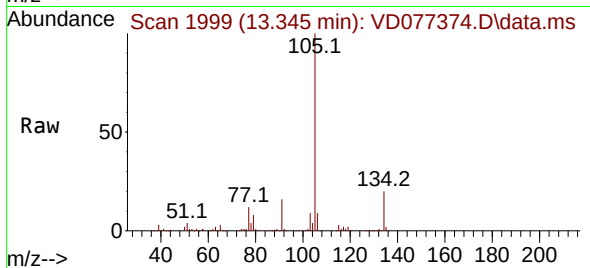
VSTDCCC050EC

Tgt Ion:105 Resp: 568175

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 47.090 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

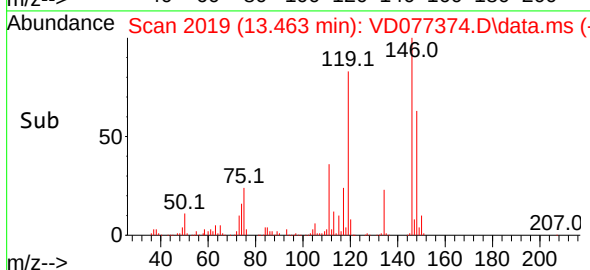
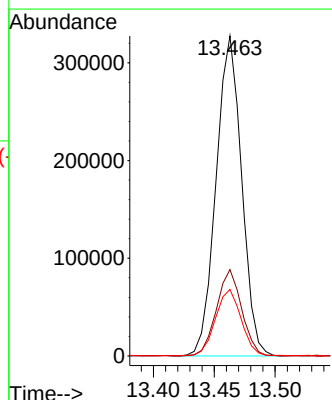
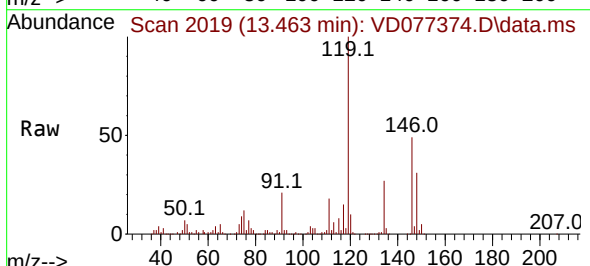
Tgt Ion:119 Resp: 478243

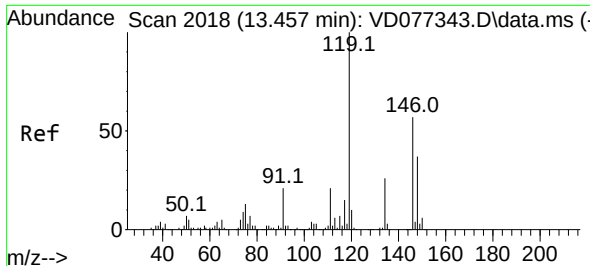
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 20.9 10.5 31.5

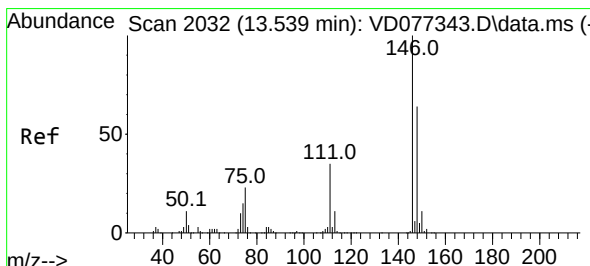
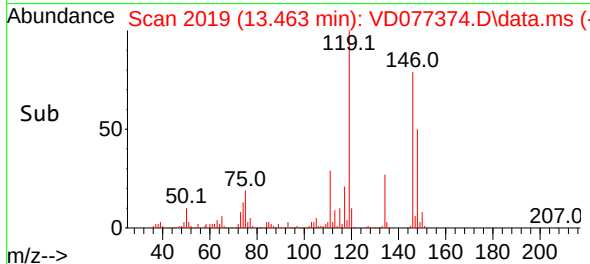
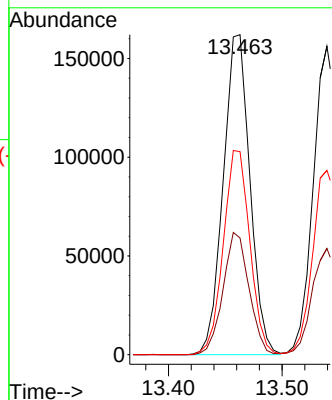
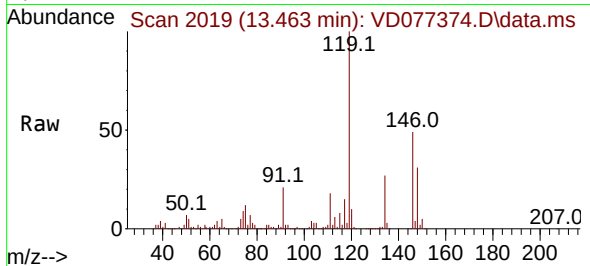




#87
1,3-Dichlorobenzene
Concen: 45.152 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

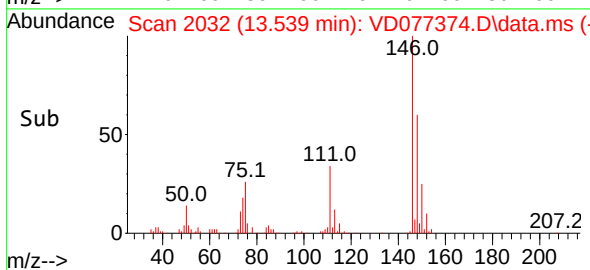
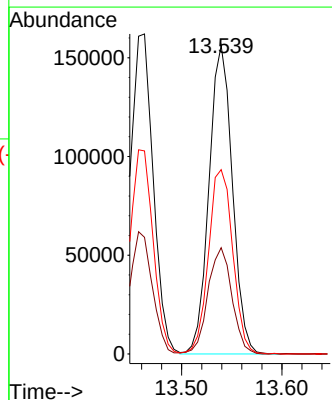
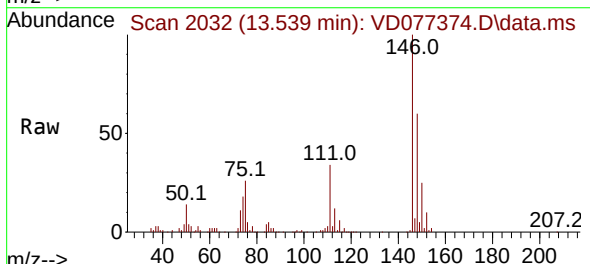
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

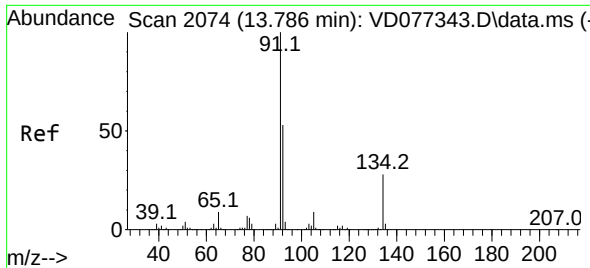
Tgt Ion:146 Resp: 264890
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 43.499 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:146 Resp: 252886
Ion Ratio Lower Upper
146 100
111 35.3 17.4 52.3
148 62.2 31.7 95.1

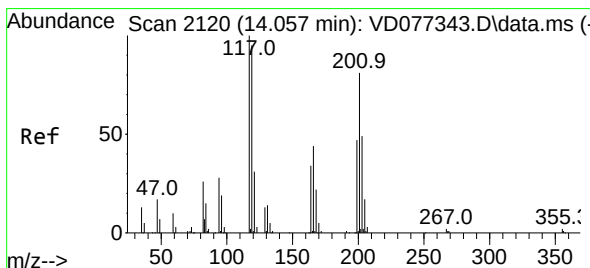
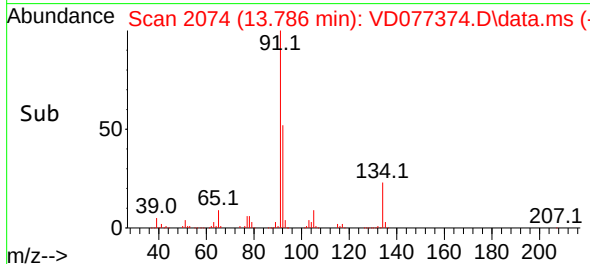
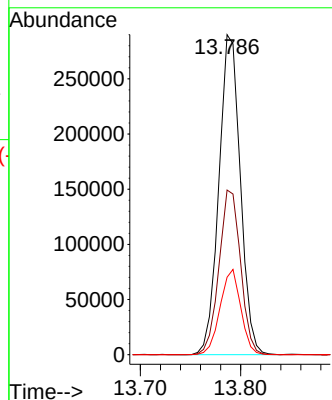
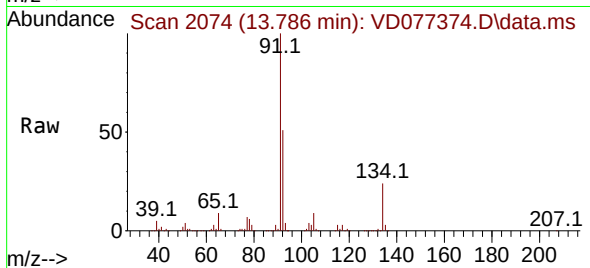




#89
n-Butylbenzene
Concen: 48.654 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

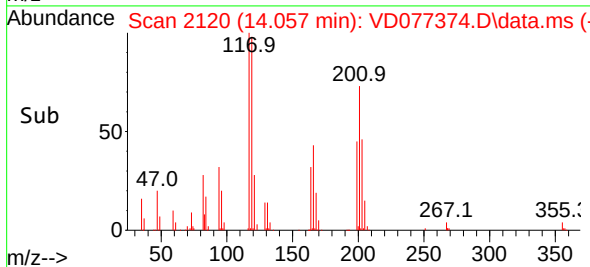
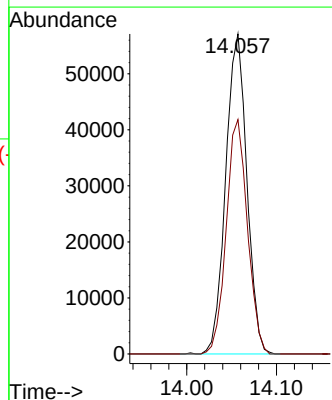
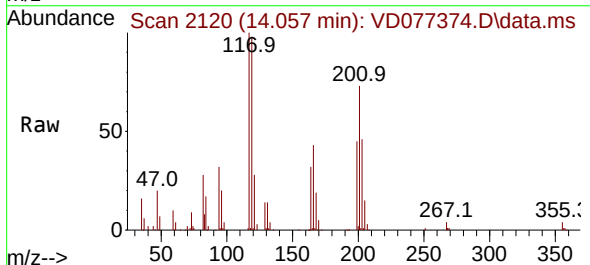
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

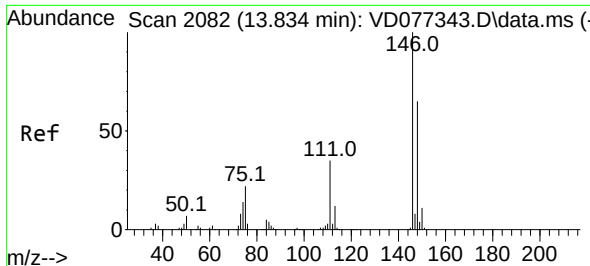
Tgt Ion: 91 Resp: 430259
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 45.601 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion: 117 Resp: 93613
Ion Ratio Lower Upper
117 100
201 73.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 43.913 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

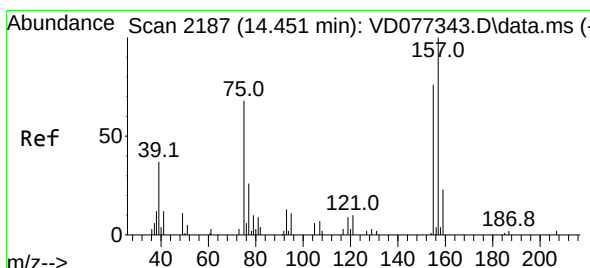
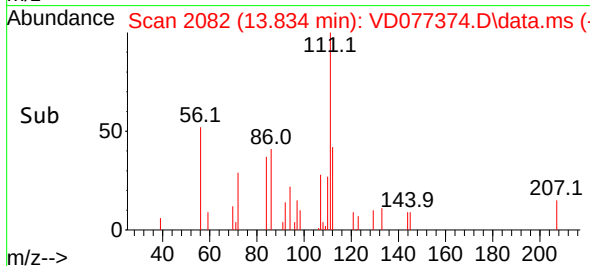
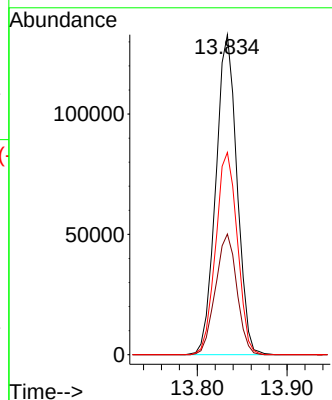
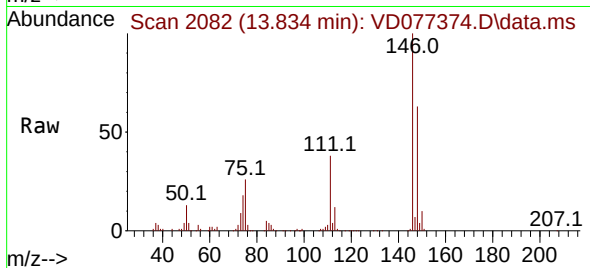
Tgt Ion:146 Resp: 217625

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

148 64.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.867 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

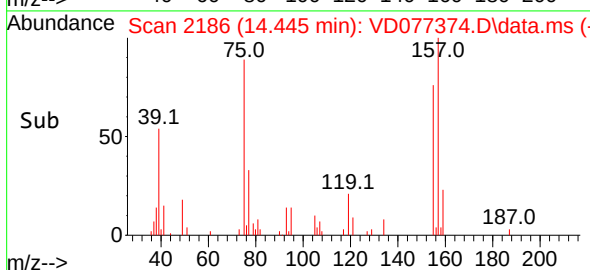
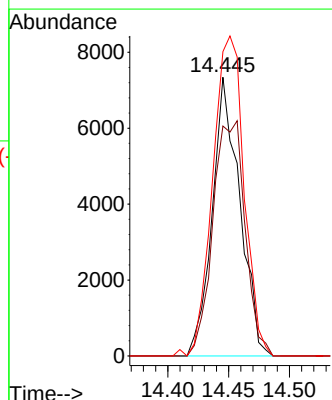
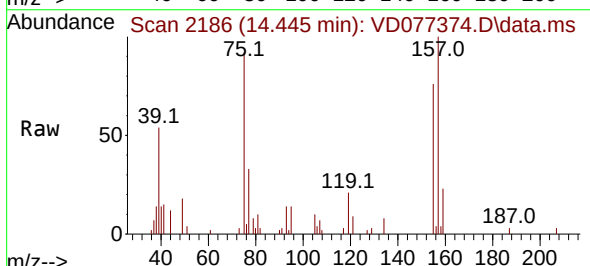
Tgt Ion: 75 Resp: 11541

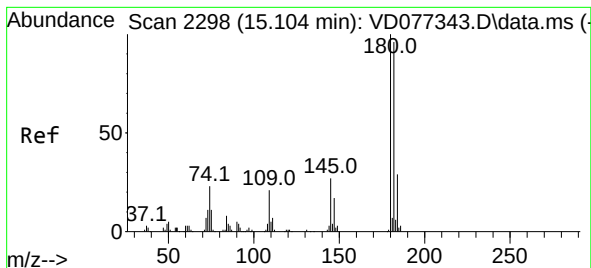
Ion Ratio Lower Upper

75 100

155 98.6 47.9 143.8

157 130.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 40.833 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

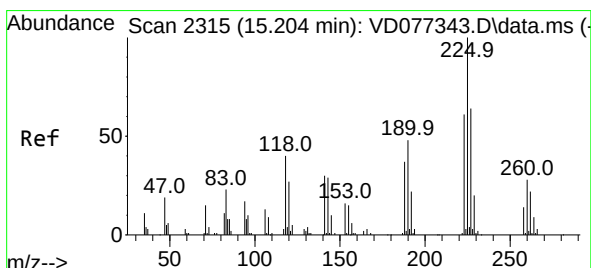
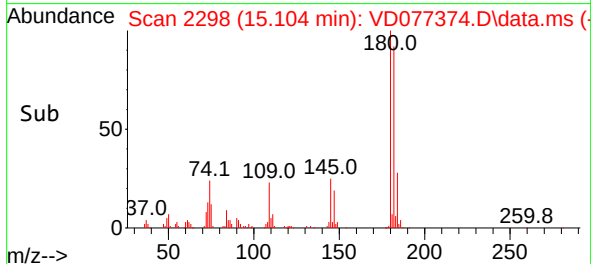
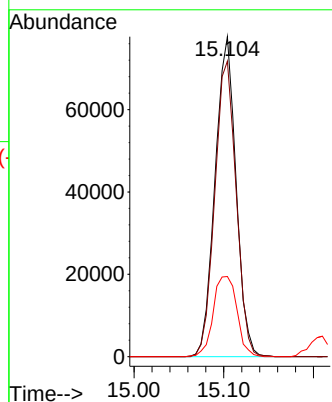
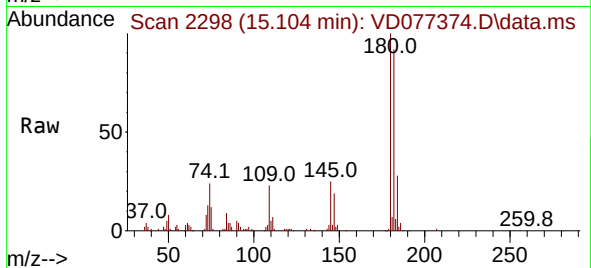
Tgt Ion:180 Resp: 126083

Ion Ratio Lower Upper

180 100

182 94.0 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 38.825 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077374.D

Acq: 20 Oct 2023 19:35

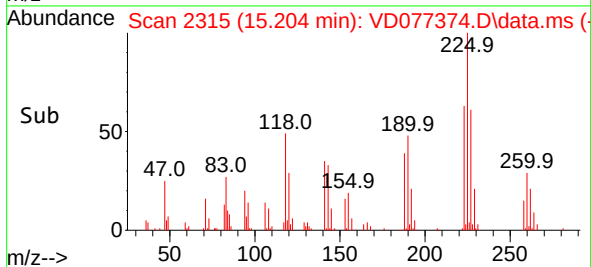
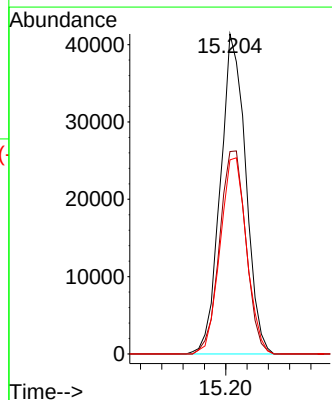
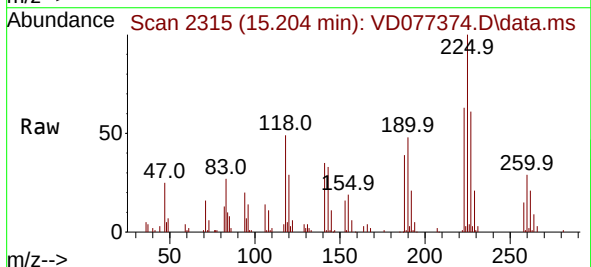
Tgt Ion:225 Resp: 68085

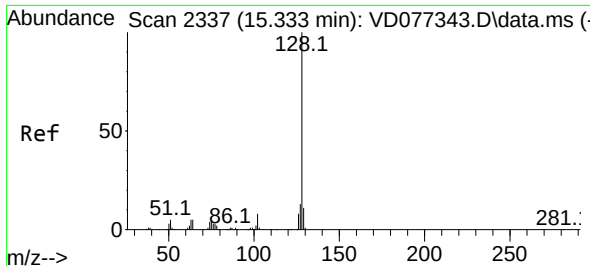
Ion Ratio Lower Upper

225 100

223 66.1 31.6 94.8

227 63.9 31.7 95.1

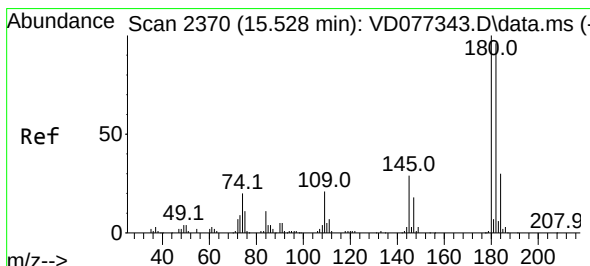
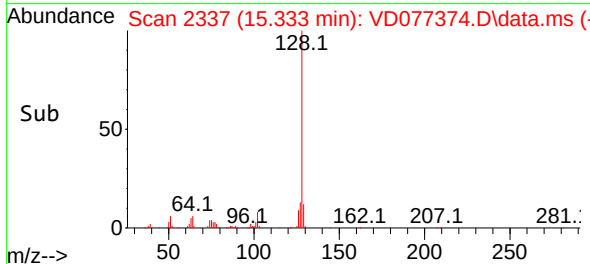
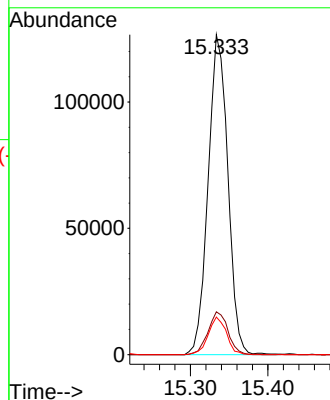
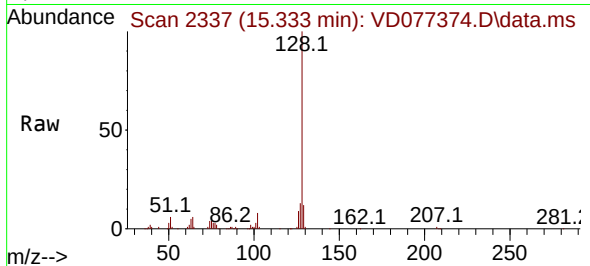




#95
Naphthalene
Concen: 43.059 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 224481
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 41.219 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077374.D
Acq: 20 Oct 2023 19:35

Tgt Ion:180 Resp: 110469
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 29.7 15.1 45.3

