

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074266.D
 Acq On : 13 Sep 2022 15:18
 Operator : VA/SY
 Sample : N4562-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-2046

Quant Time: Sep 14 01:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

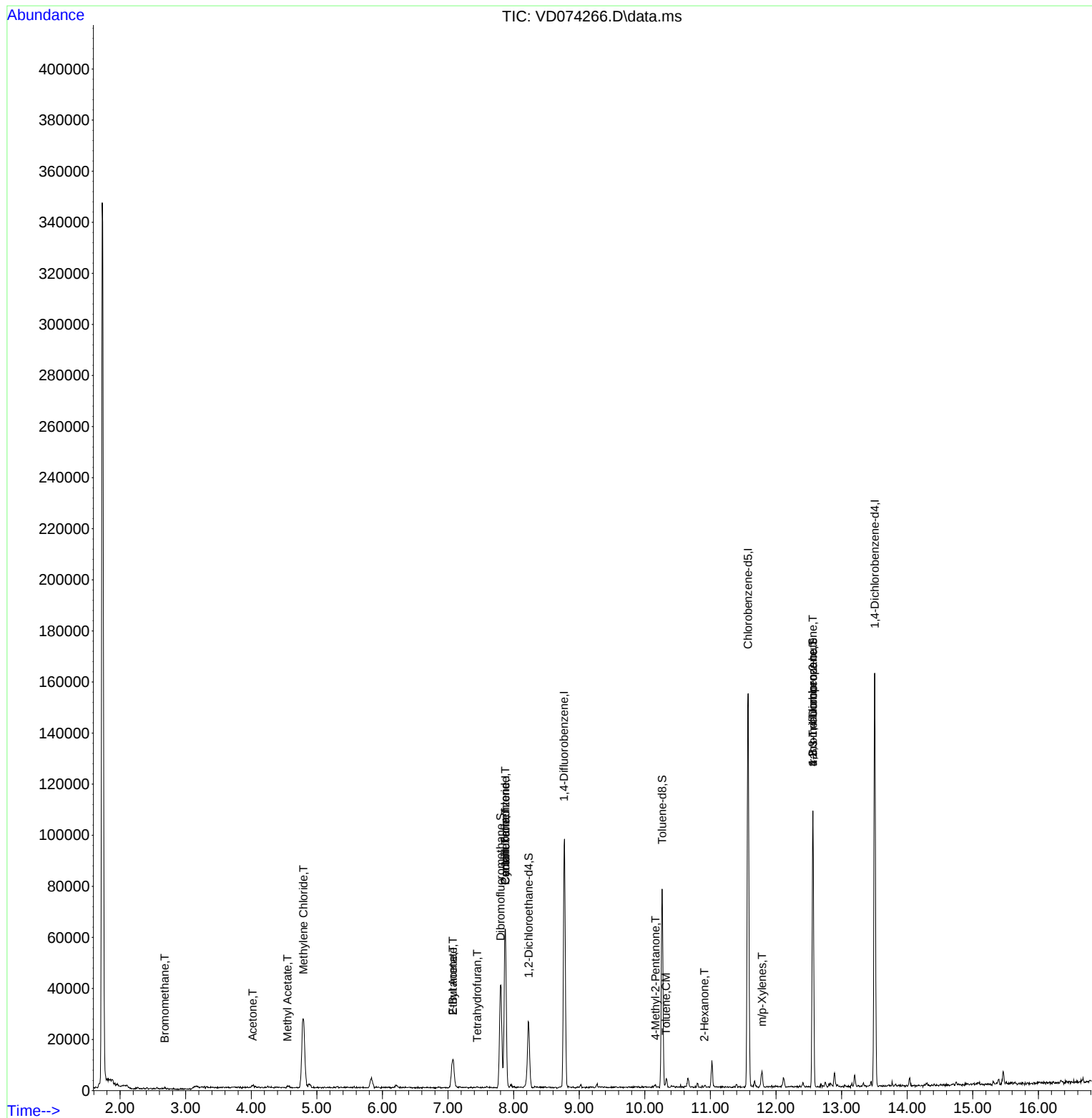
Internal Standards						
1) Pentafluorobenzene	7.875	168	50550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	88037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	91908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	43876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19262	37.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.760%
35) Dibromofluoromethane	7.799	113	31735	54.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.263	98	56282	26.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	52.160%
62) 4-Bromofluorobenzene	12.563	95	33252	43.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.923	85	188	Below Cal	#	39
5) Bromomethane	2.681	94	341	2.012	ug/l #	78
16) Acetone	4.022	43	1668	15.680	ug/l	92
18) Methyl Acetate	4.552	43	543	1.526	ug/l #	51
20) Methylene Chloride	4.793	84	22406	32.455	ug/l	94
25) 2-Butanone	7.075	43	1255	7.074	ug/l #	48
29) Tetrahydrofuran	7.446	42	431	3.940	ug/l #	32
31) Cyclohexane	7.875	56	1686	1.583	ug/l #	77
37) Ethyl Acetate	7.075	43	1255	3.037	ug/l #	9
38) Carbon Tetrachloride	7.875	117	4645	5.388	ug/l #	19
51) 4-Methyl-2-Pentanone	10.163	43	853	2.114	ug/l #	53
52) Toluene	10.322	92	1736	1.026	ug/l	98
59) 2-Hexanone	10.910	43	518	1.891	ug/l #	41
68) m/p-Xylenes	11.787	106	2338	1.596	ug/l	98
76) 1,2,3-Trichloropropane	12.563	75	17790	39.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	17790	97.516	ug/l #	100

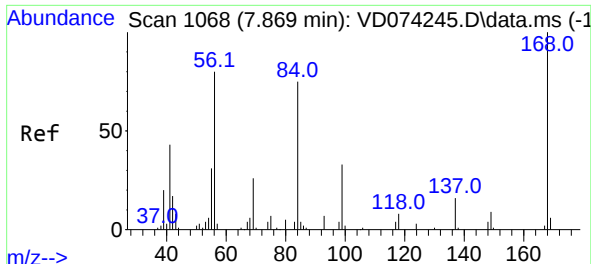
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

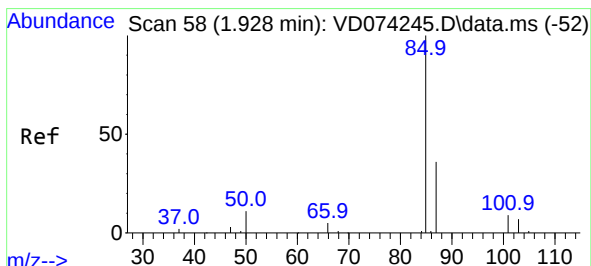
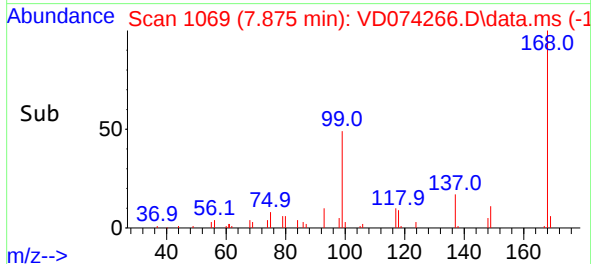
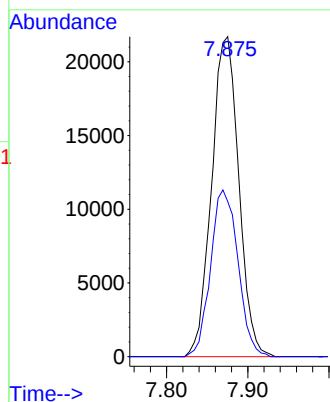
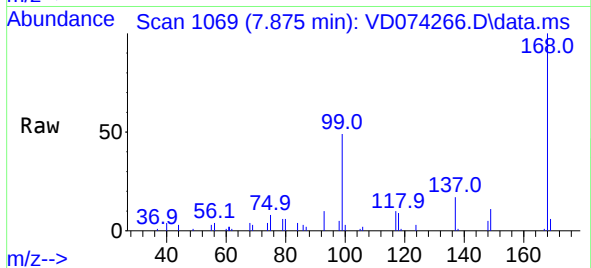




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

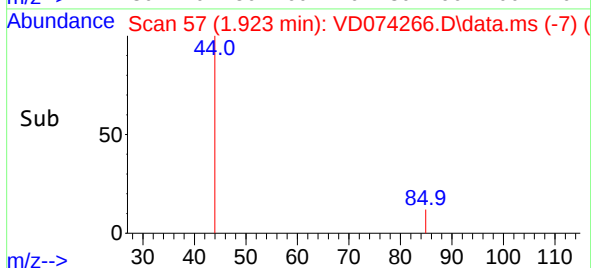
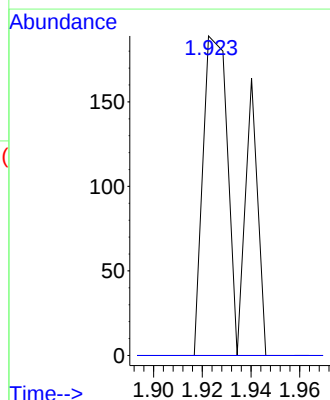
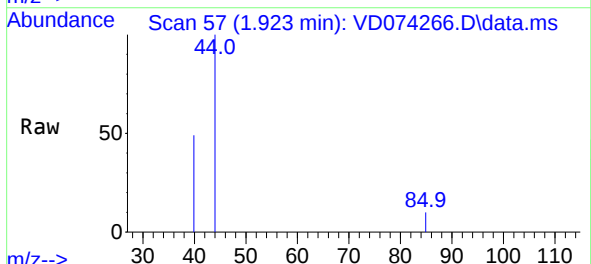
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

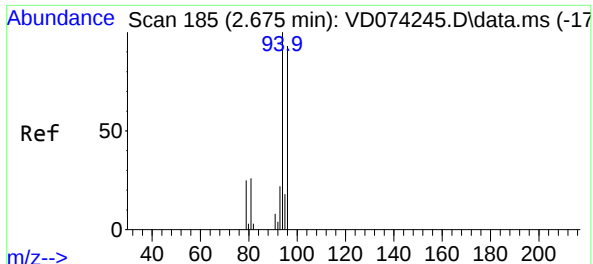
Tgt Ion:168 Resp: 50550
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.923 min Scan# 57
Delta R.T. -0.005 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 85 Resp: 188
Ion Ratio Lower Upper
85 100
87 0.0 17.9 53.7#

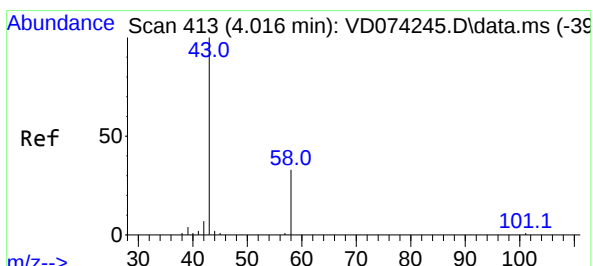
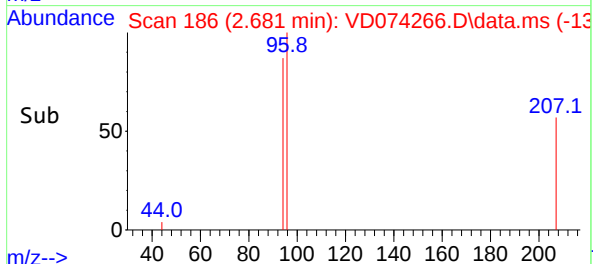
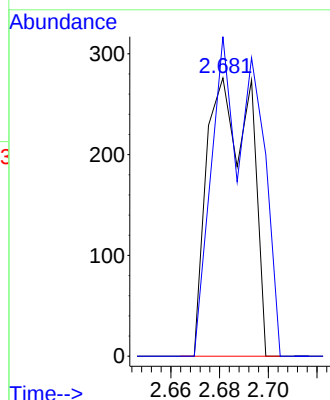
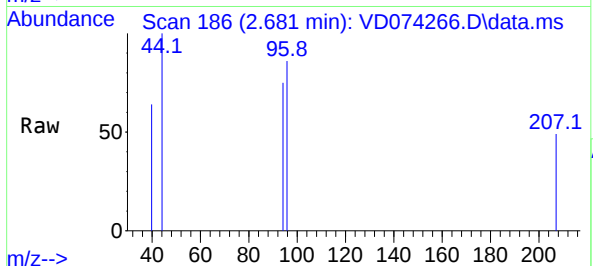




#5
Bromomethane
Concen: 2.012 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

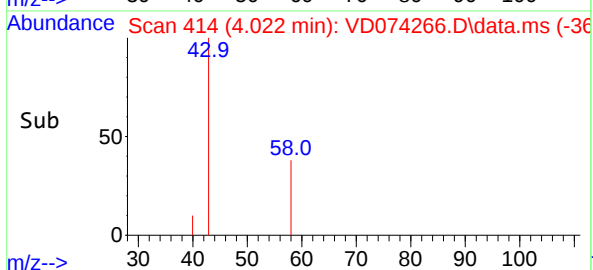
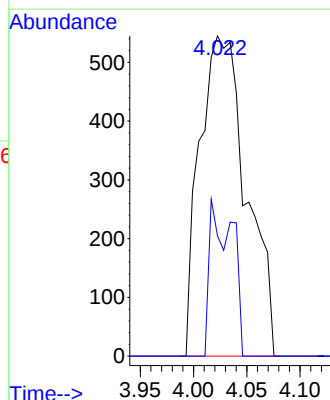
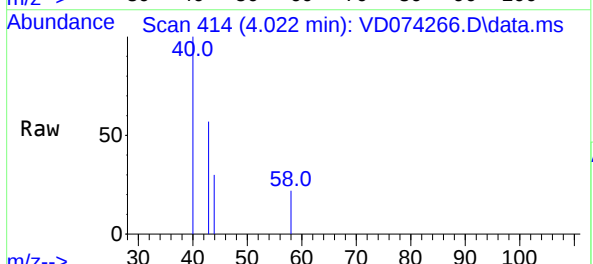
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

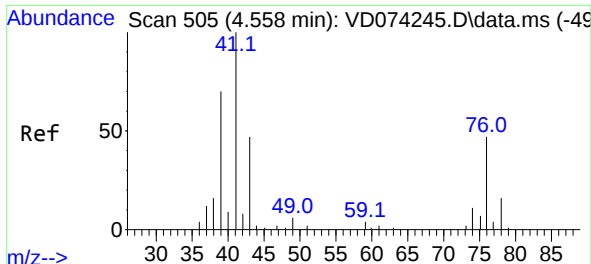
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 114.9 74.6 112.0#



#16
Acetone
Concen: 15.680 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 37.6 26.4 39.6





#18

Methyl Acetate

Concen: 1.526 ug/l

RT: 4.552 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD074266.D

Acq: 13 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

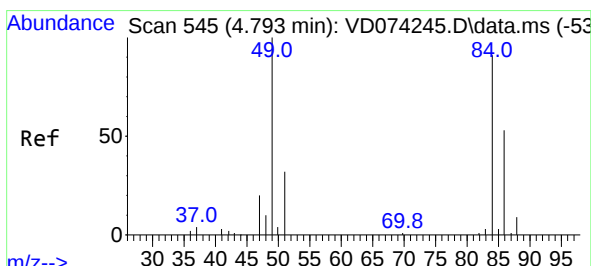
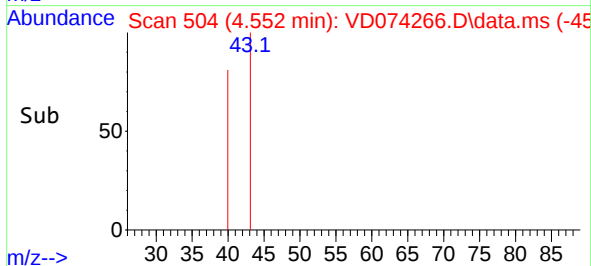
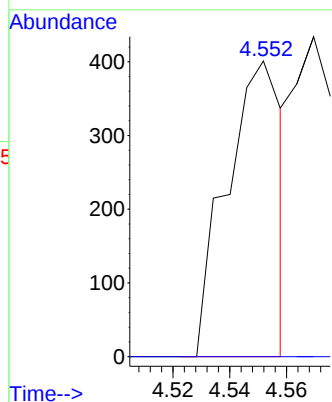
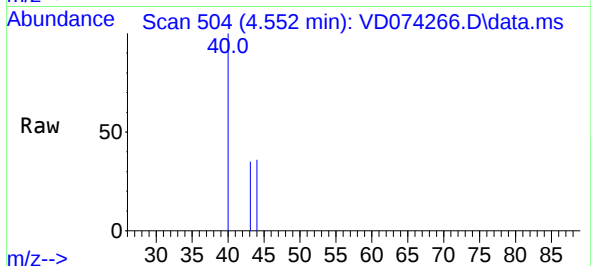
CHRT-2046

Tgt Ion: 43 Resp: 543

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#20

Methylene Chloride

Concen: 32.455 ug/l

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

Lab File: VD074266.D

Acq: 13 Sep 2022 15:18

Tgt Ion: 84 Resp: 22406

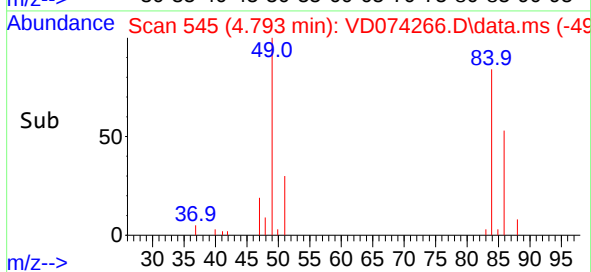
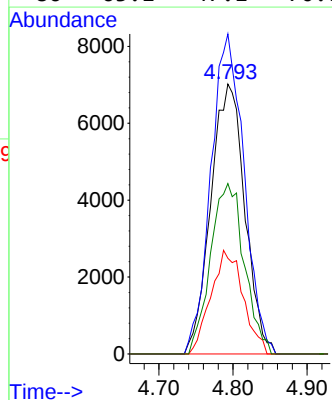
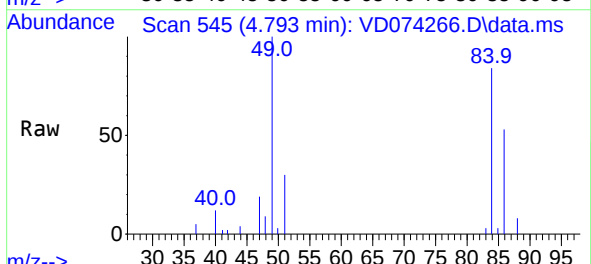
Ion Ratio Lower Upper

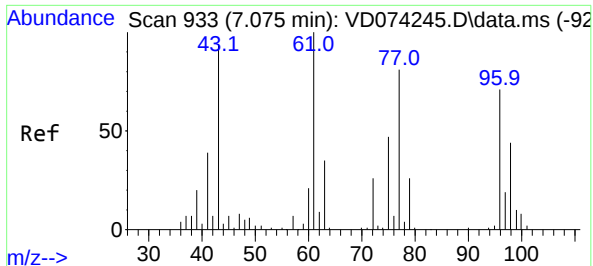
84 100

49 118.5 88.4 132.6

51 35.4 28.0 42.0

86 63.1 47.1 70.7

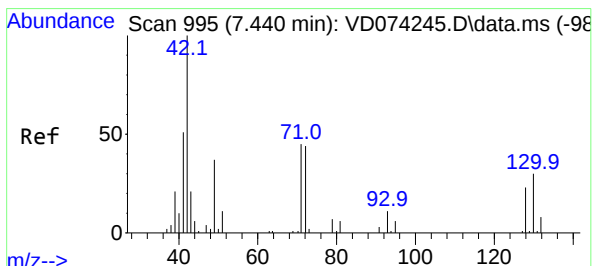
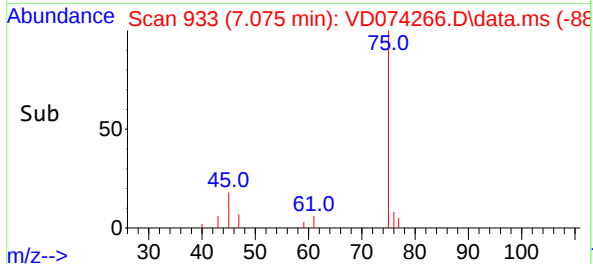
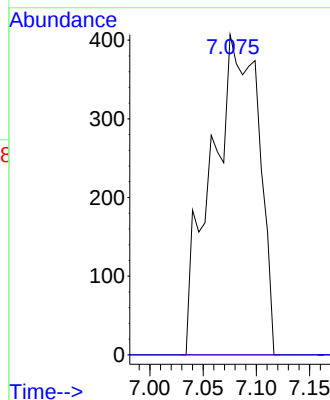
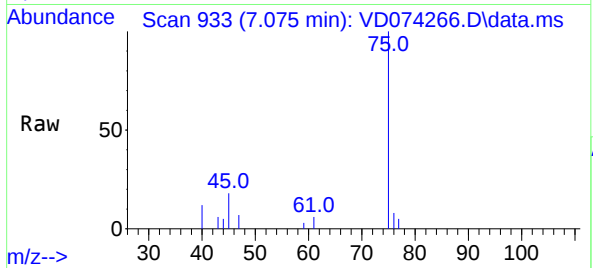




#25
2-Butanone
Concen: 7.074 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

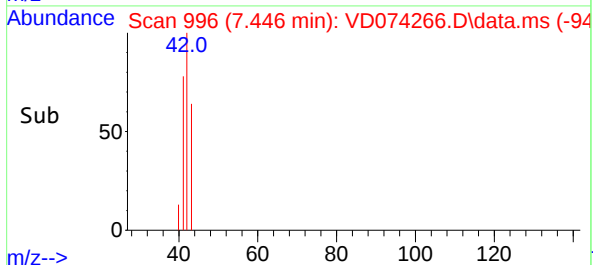
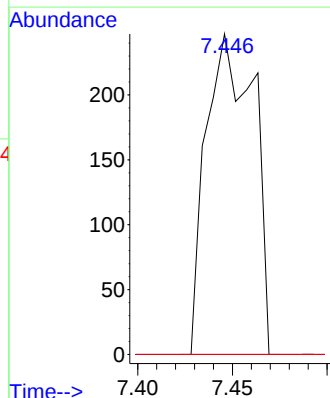
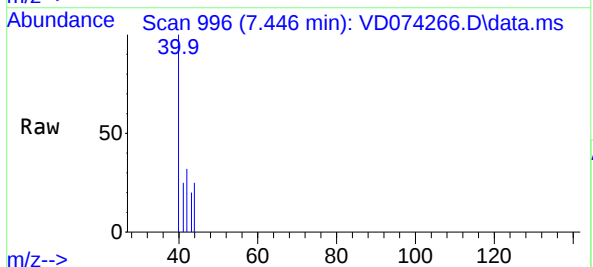
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

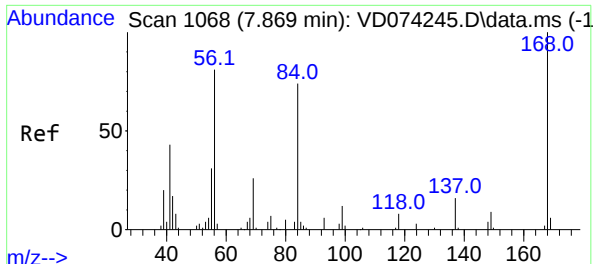
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#29
Tetrahydrofuran
Concen: 3.940 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 42 Resp: 431
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 0.0 34.1 51.1#





#31

Cyclohexane

Concen: 1.583 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD074266.D

Acq: 13 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

CHRT-2046

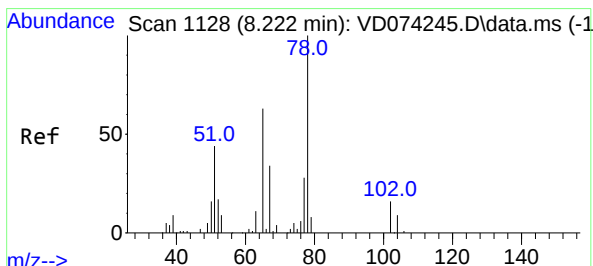
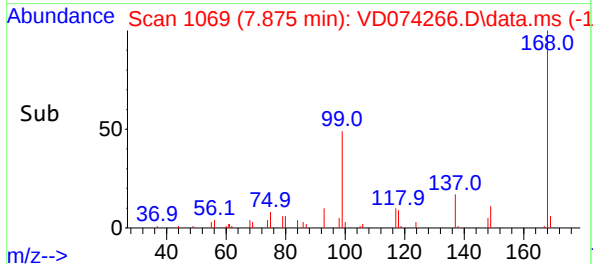
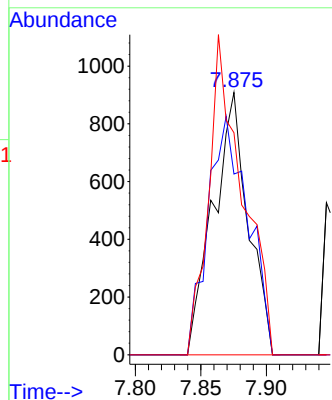
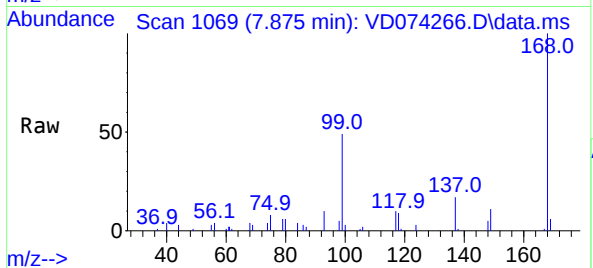
Tgt Ion: 56 Resp: 1686

Ion Ratio Lower Upper

56 100

69 68.9 25.7 38.5#

84 84.6 73.9 110.9



#33

1,2-Dichloroethane-d4

Concen: 37.376 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074266.D

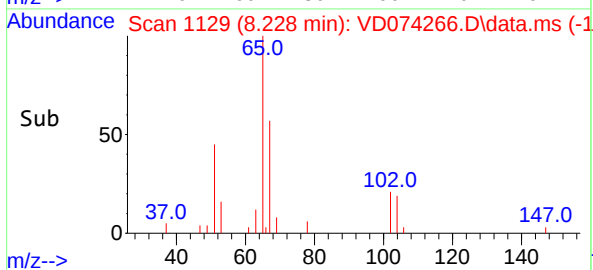
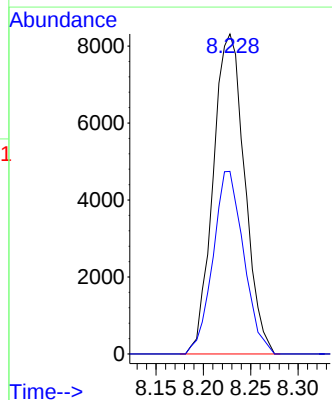
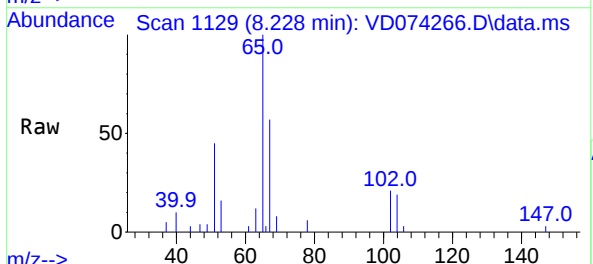
Acq: 13 Sep 2022 15:18

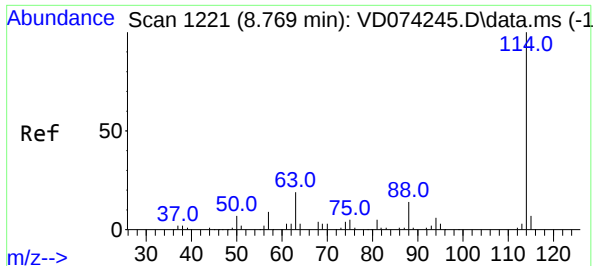
Tgt Ion: 65 Resp: 19262

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.6

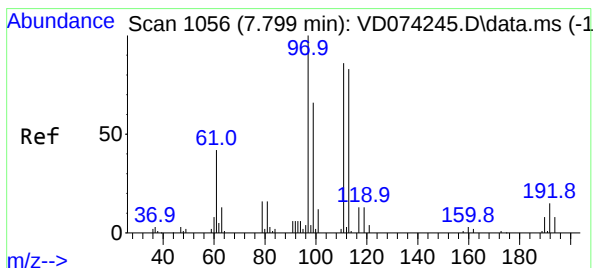
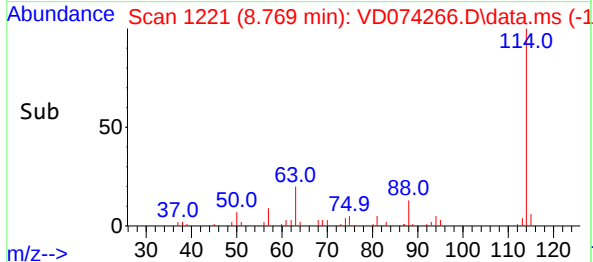
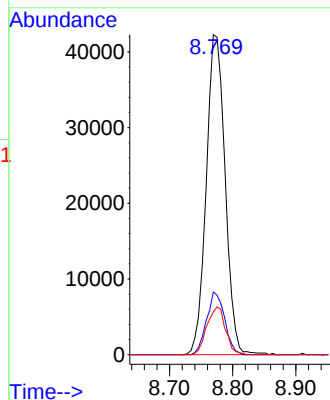
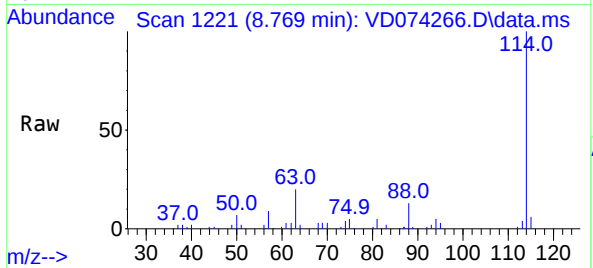




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

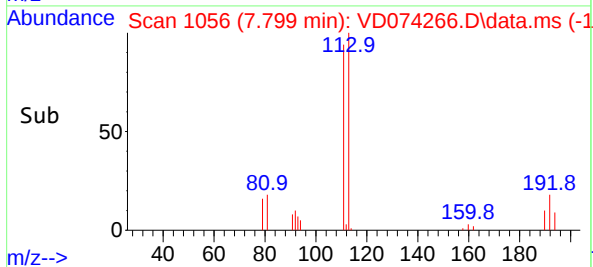
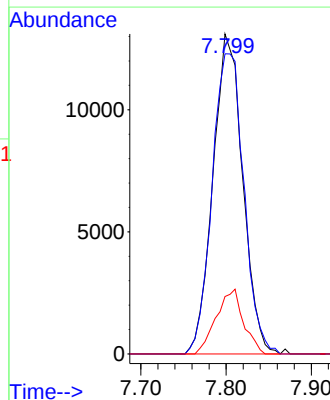
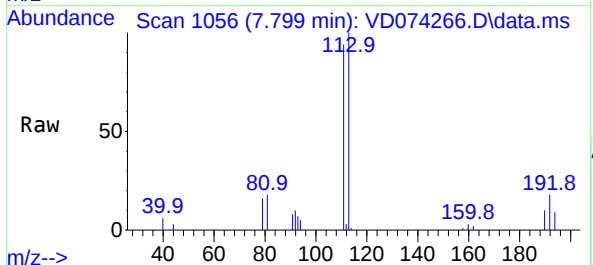
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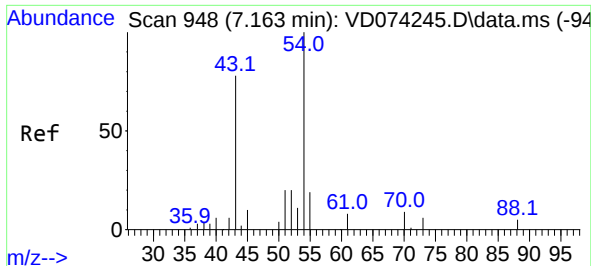
Tgt Ion:114	Resp:	88037
Ion Ratio	Lower	Upper
114	100	
63	19.6	0.0 37.6
88	13.3	0.0 28.4



#35
Dibromofluoromethane
Concen: 54.138 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion:113	Resp:	31735
Ion Ratio	Lower	Upper
113	100	
111	100.3	83.0 124.6
192	18.5	16.2 24.2

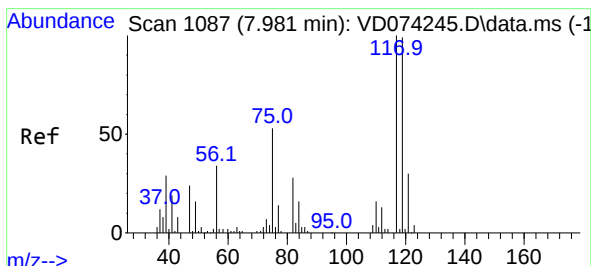
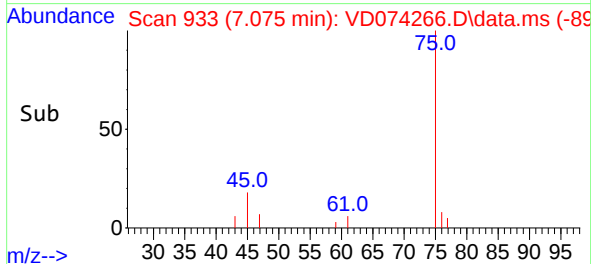
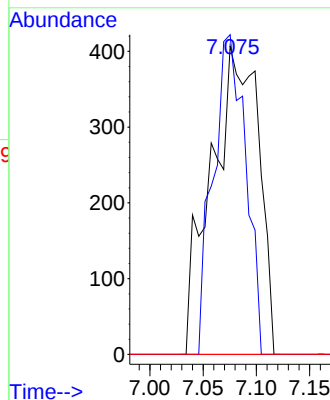
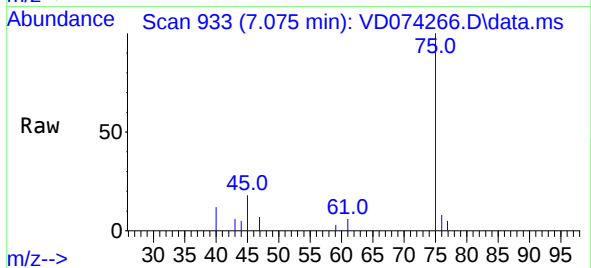




#37
Ethyl Acetate
Concen: 3.037 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

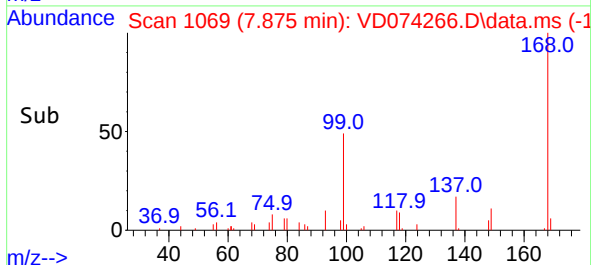
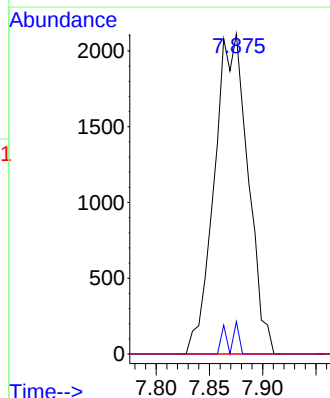
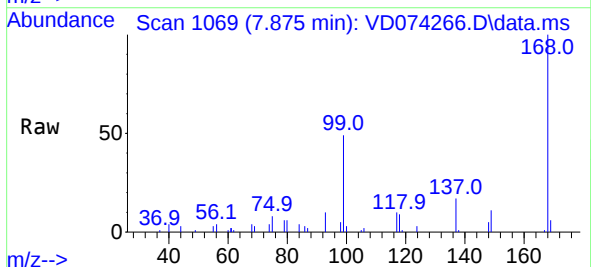
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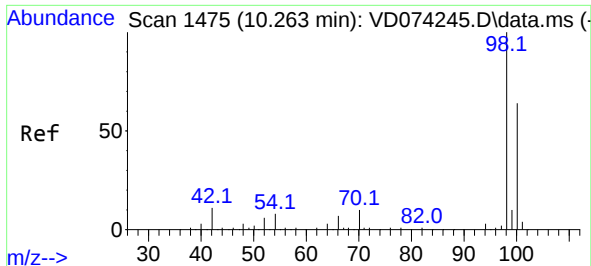
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
61 71.2 12.1 18.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.388 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.106 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 117 Resp: 4645
Ion Ratio Lower Upper
117 100
119 10.1 78.8 118.2#
121 0.0 23.9 35.9#

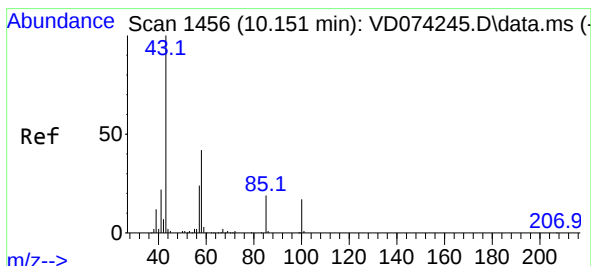
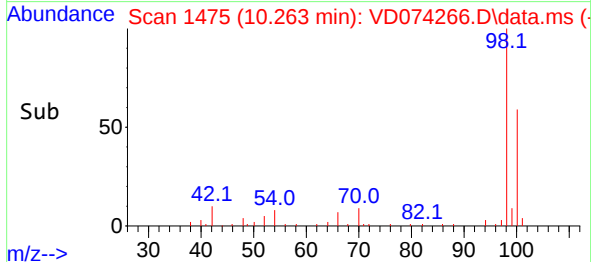
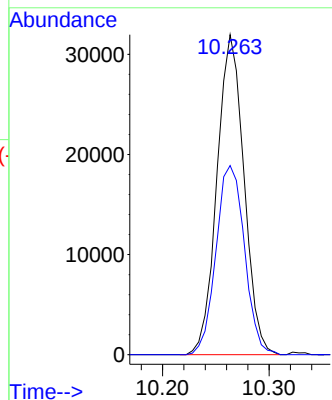
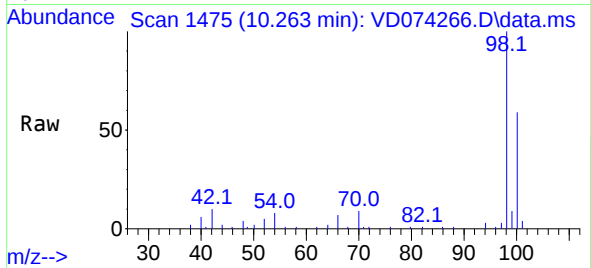




#50
Toluene-d8
Concen: 26.080 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

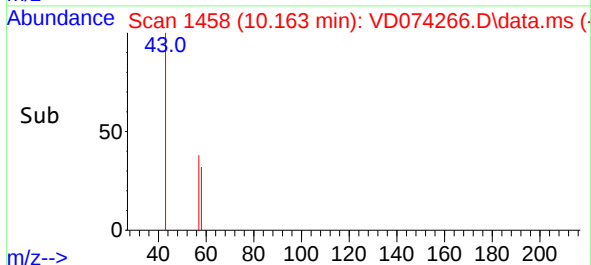
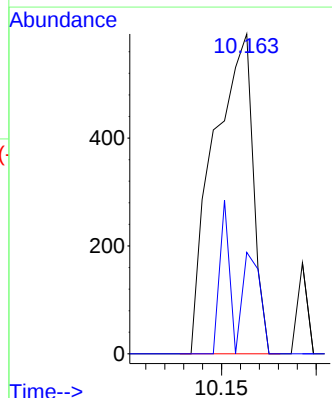
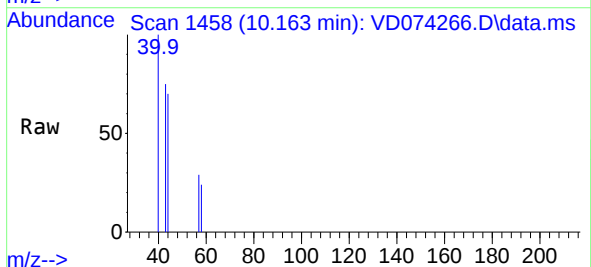
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

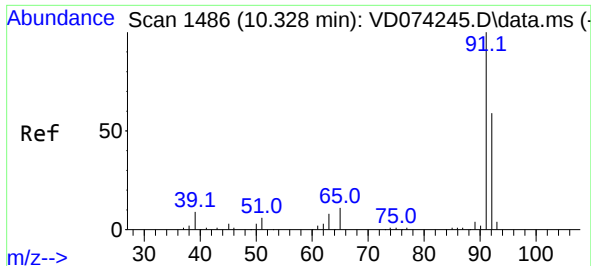
Tgt Ion: 98 Resp: 56282
Ion Ratio Lower Upper
98 100
100 62.3 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 2.114 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.012 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 11.8 33.3 49.9#

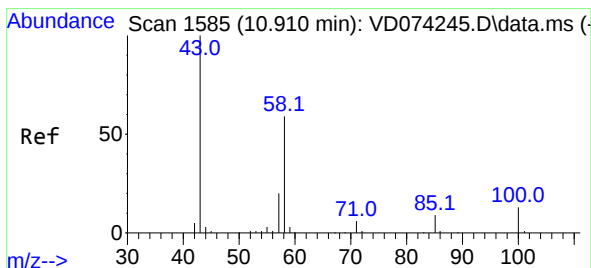
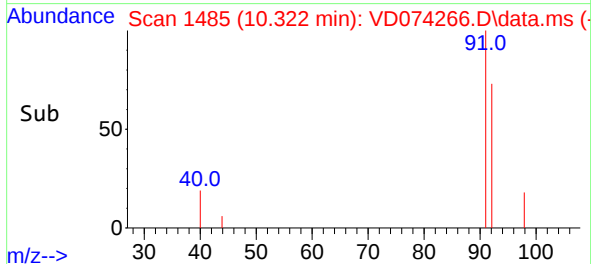
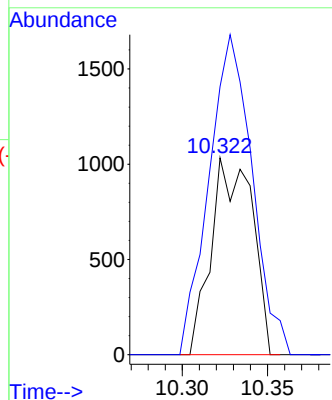
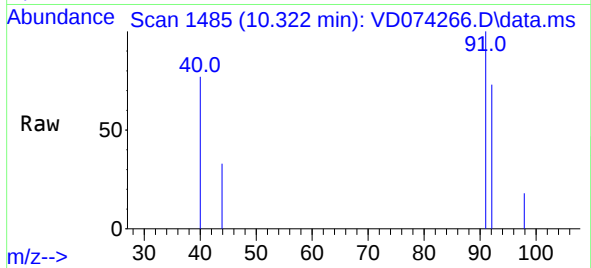




#52
Toluene
Concen: 1.026 ug/l
RT: 10.322 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

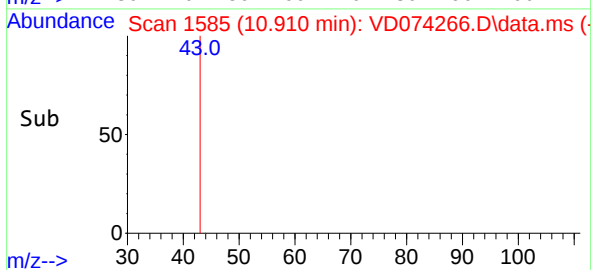
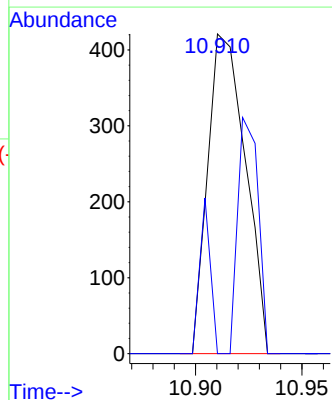
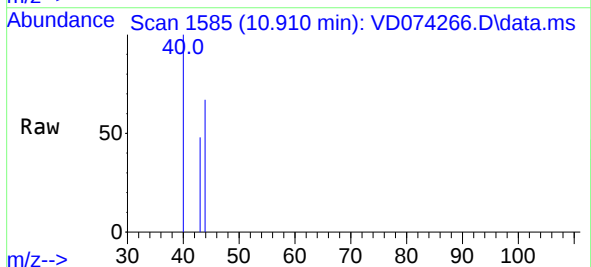
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

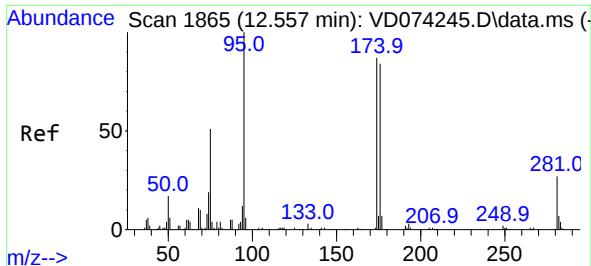
Tgt Ion: 92 Resp: 1736
Ion Ratio Lower Upper
92 100
91 170.9 139.3 208.9



#59
2-Hexanone
Concen: 1.891 ug/l
RT: 10.910 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 13.9 28.6 85.8#

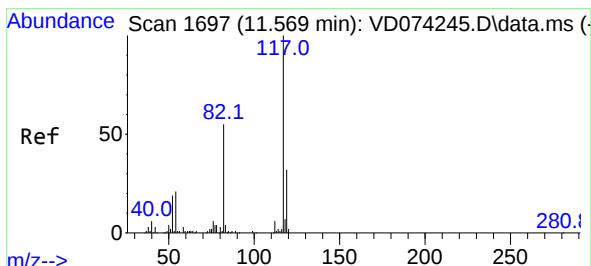
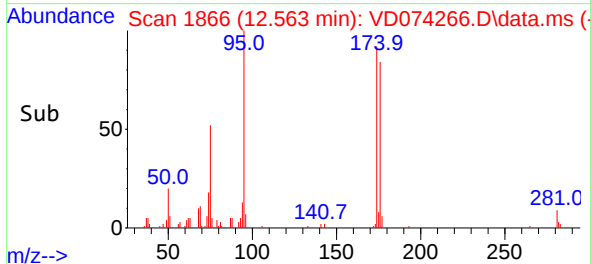
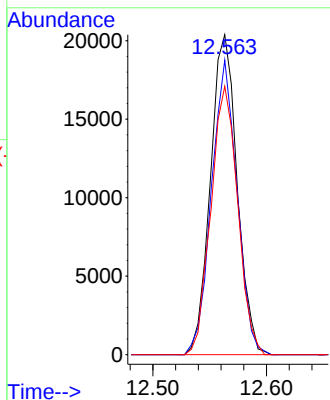
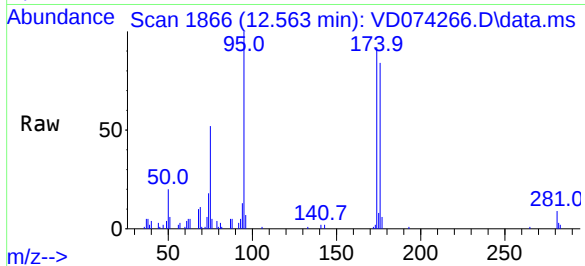




#62
4-Bromofluorobenzene
Concen: 43.174 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

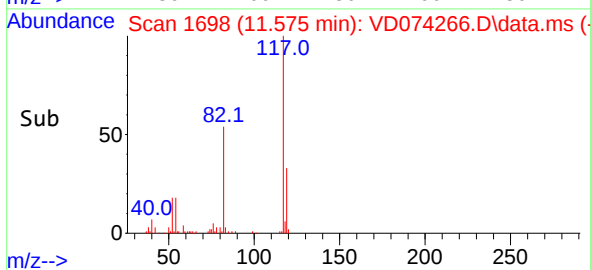
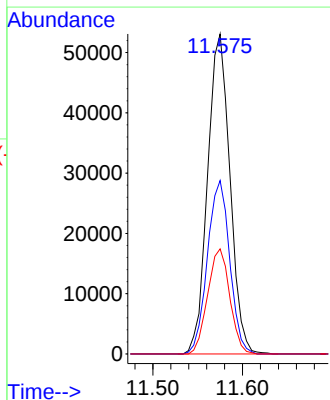
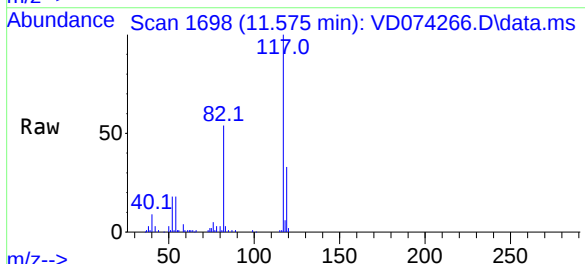
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

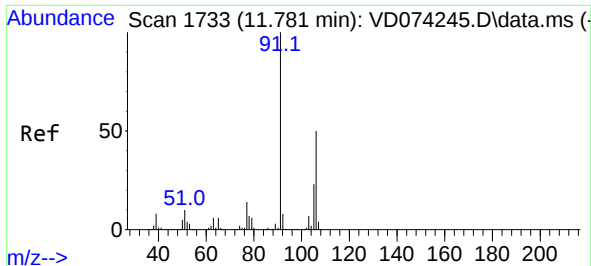
Tgt Ion: 95 Resp: 33252
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 84.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 117 Resp: 91908
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.9 25.4 38.0

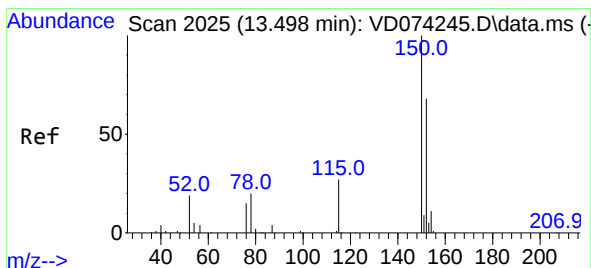
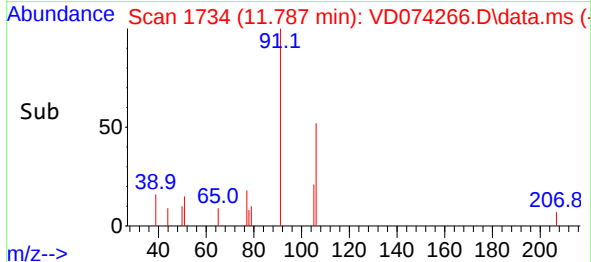
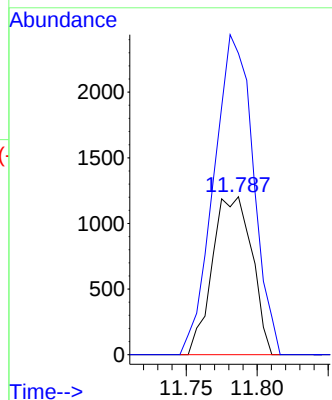
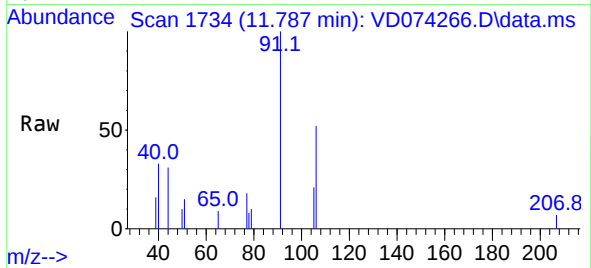




#68
m/p-Xylenes
Concen: 1.596 ug/l
RT: 11.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

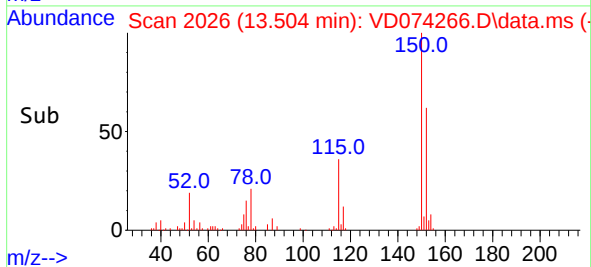
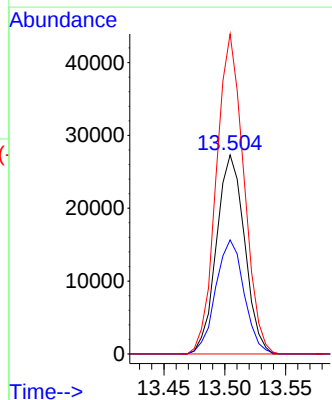
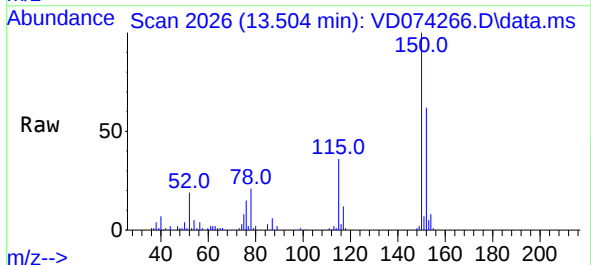
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

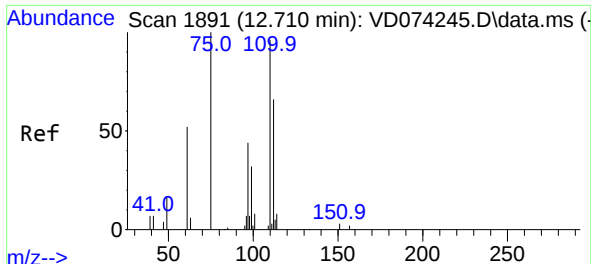
Tgt Ion:106 Resp: 2338
Ion Ratio Lower Upper
106 100
91 201.6 158.6 237.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion:152 Resp: 43876
Ion Ratio Lower Upper
152 100
115 57.9 28.4 85.2
150 157.2 0.0 351.0

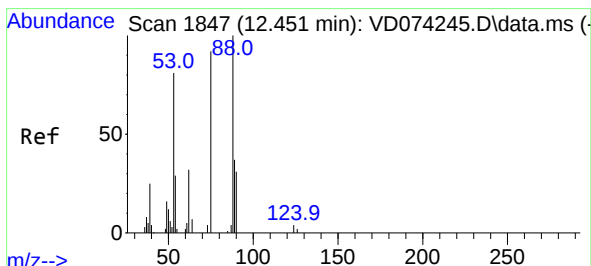
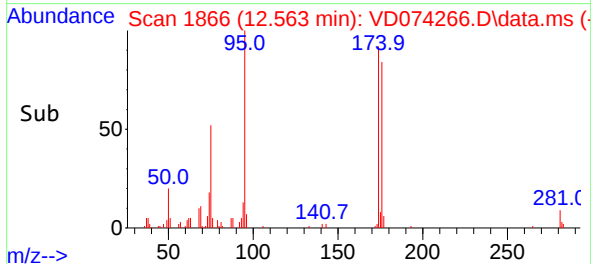
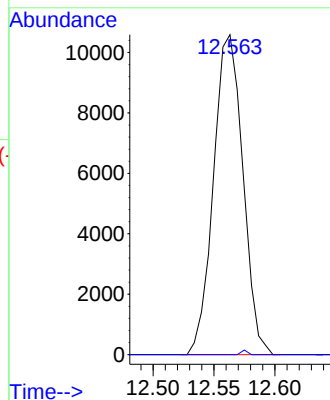
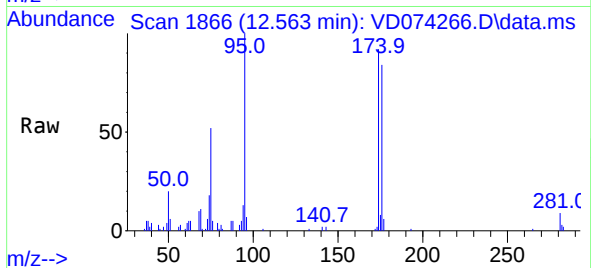




#76
1,2,3-Trichloropropane
Concen: 39.551 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

Tgt Ion: 75 Resp: 17790
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.516 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074266.D
Acq: 13 Sep 2022 15:18

Tgt Ion: 75 Resp: 17790
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

