

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091624\
 Data File : VD079848.D
 Acq On : 16 Sep 2024 17:48
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10mL/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 05:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	181819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	176161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86749	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	133635	16.903	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	67.600%	
7) Chloroethane-d5	2.799	69	117851	18.828	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	75.320%	
11) 1,1-Dichloroethene-d2	3.916	65	25577	17.818	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	71.280%	
21) 2-Butanone-d5	6.987	46	28848	39.272	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	78.540%	
24) Chloroform-d	7.569	84	122333	20.468	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	81.880%	
26) 1,2-Dichloroethane-d4	8.228	65	64250	20.558	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	82.240%	
32) Benzene-d6	8.199	84	250068	20.107	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	80.440%	
36) 1,2-Dichloropropane-d6	9.210	67	76009	19.955	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	79.800%	
41) Toluene-d8	10.269	98	230767	21.086	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	84.360%	
43) trans-1,3-Dichloroprop...	10.522	79	33579	20.505	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	82.000%	
47) 2-Hexanone-d5	10.875	63	27375	44.088	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	88.180%	
56) 1,1,2,2-Tetrachloroeth...	12.645	84	60778	21.714	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	86.840%	
66) 1,2-Dichlorobenzene-d4	13.810	152	68052	20.802	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	83.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	67499	19.469	ug/L	98
3) Chloromethane	2.146	50	121090	19.925	ug/L	99
5) Vinyl chloride	2.281	62	152590	20.489	ug/L	98
6) Bromomethane	2.693	94	89265	23.805	ug/L	96
8) Chloroethane	2.834	64	103777	21.092	ug/L	96
9) Trichlorofluoromethane	3.169	101	109291	20.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	63352	21.375	ug/L	99
12) 1,1-Dichloroethene	3.940	96	58027	21.020	ug/L	76
13) Acetone	4.022	43	43374	48.432	ug/L	97
14) Carbon disulfide	4.275	76	177142	19.727	ug/L	99
15) Methyl Acetate	4.558	43	30899	21.660	ug/L	93
16) Methylene chloride	4.799	84	76476	21.287	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	64014	21.747	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	151441	22.870	ug/L #	76
19) 1,1-Dichloroethane	6.110	63	128735	22.018	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	72697	22.430	ug/L	97
22) 2-Butanone	7.081	43	49224	46.856	ug/L #	49
23) Bromochloromethane	7.422	128	31795	23.114	ug/L	91

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 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

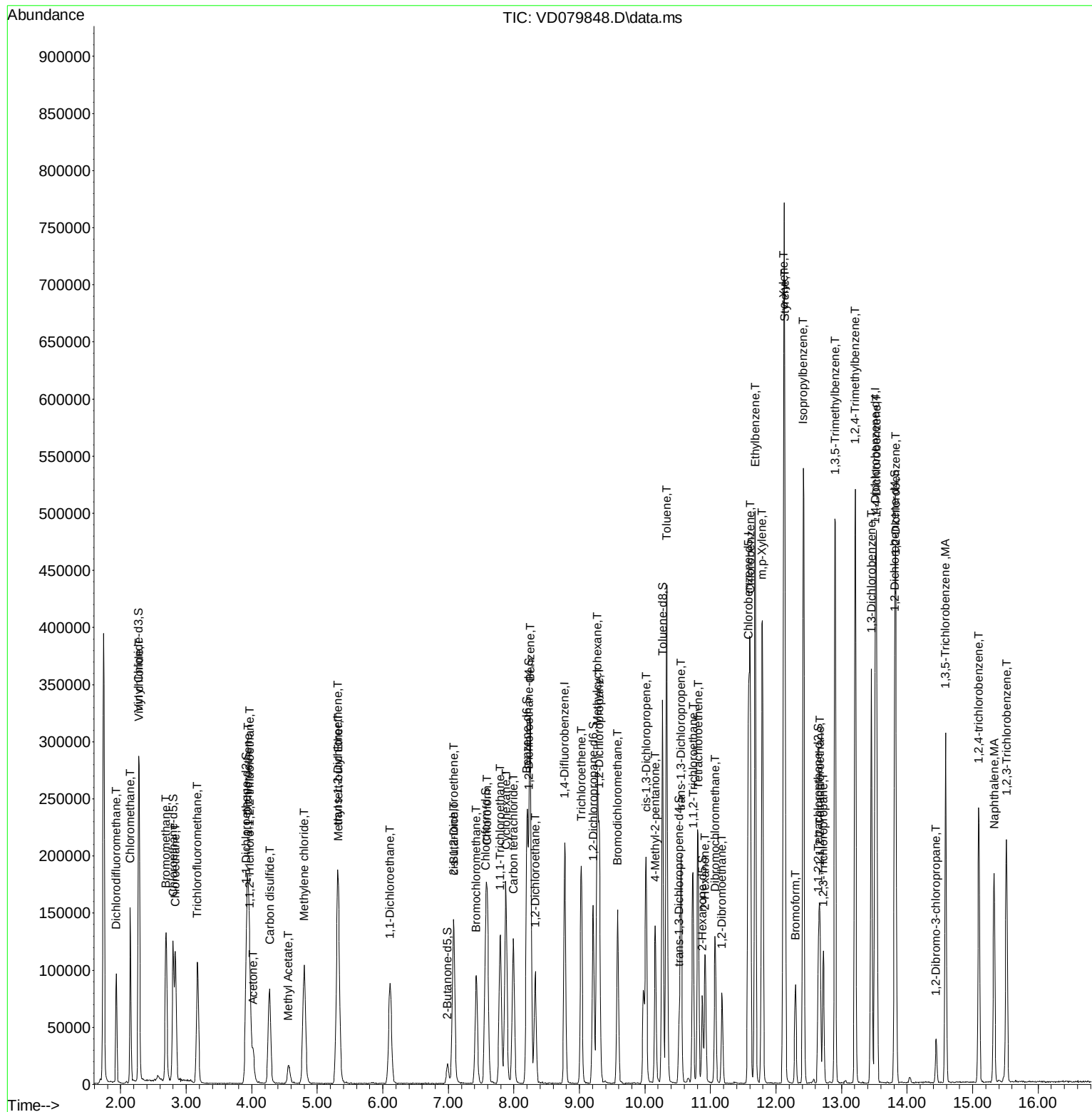
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.593	83	137062	22.520	ug/L	97
27) 1,2-Dichloroethane	8.328	62	84224	22.642	ug/L	95
29) Cyclohexane	7.881	56	93393	21.434	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	108776	22.653	ug/L	99
31) Carbon tetrachloride	7.993	117	97960	23.025	ug/L	100
33) Benzene	8.252	78	298160	22.730	ug/L	100
34) Trichloroethene	9.028	95	67636	22.315	ug/L	94
35) Methylcyclohexane	9.275	83	105483	21.566	ug/L	99
37) 1,2-Dichloropropane	9.304	63	85325	23.852	ug/L #	100
38) Bromodichloromethane	9.581	83	98630	23.662	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	118760	23.641	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	91606	48.919	ug/L	100
42) Toluene	10.334	91	333017	24.102	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	108796	24.575	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	60058	24.573	ug/L	93
46) Tetrachloroethene	10.810	164	47370	23.021	ug/L	91
48) 2-Hexanone	10.916	43	76897	50.484	ug/L	99
49) Dibromochloromethane	11.069	129	65237	24.454	ug/L	94
50) 1,2-Dibromoethane	11.175	107	49646	23.518	ug/L	95
51) Chlorobenzene	11.604	112	197367	23.802	ug/L	97
52) Ethylbenzene	11.681	91	350560	24.152	ug/L	98
53) m,p-Xylene	11.787	106	132470	24.095	ug/L	98
54) o-Xylene	12.116	106	130922	24.288	ug/L	96
55) Styrene	12.134	104	242124	25.557	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	70033	24.446	ug/L	90
59) Bromoform	12.298	173	35751	23.874	ug/L	95
60) Isopropylbenzene	12.416	105	344120	22.976	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	47752	22.394	ug/L	100
62) 1,3,5-Trimethylbenzene	12.898	105	262835	23.996	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	269681	23.478	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	145074	23.439	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	153782	23.688	ug/L	93
67) 1,2-Dichlorobenzene	13.828	146	132907	23.758	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.439	75	9850	22.577	ug/L	93
69) 1,3,5-Trichlorobenzene	14.586	180	85436	22.765	ug/L	96
70) 1,2,4-trichlorobenzene	15.092	180	72701	23.008	ug/L	98
71) Naphthalene	15.328	128	156759	22.212	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	66504	23.529	ug/L	97

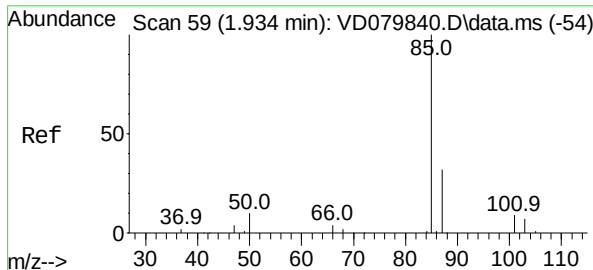
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 17 04:25:03 2024
Response via : Initial Calibration

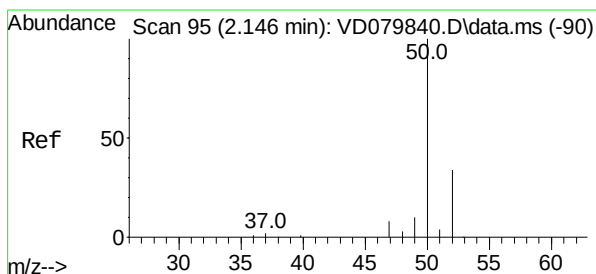
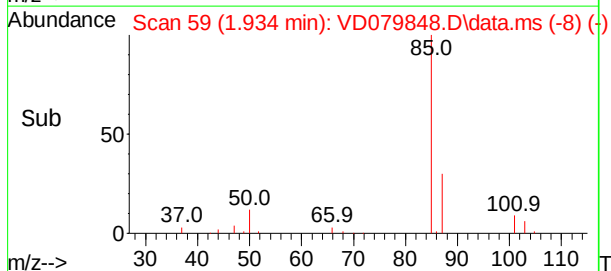
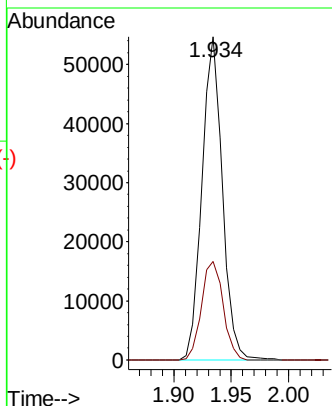
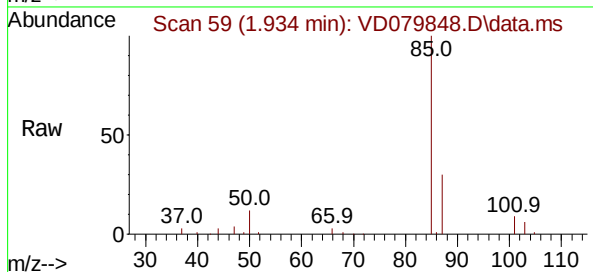




Dichlorodifluoromethane
 Concen: 19.469 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079848.D
 Acq: 16 Sep 2024 17:48

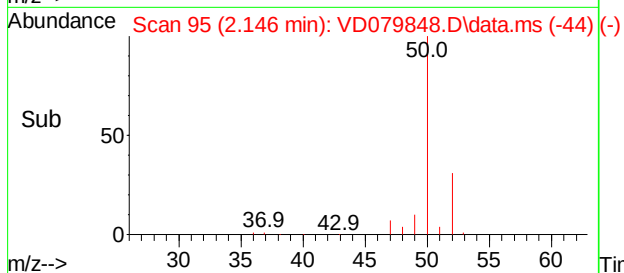
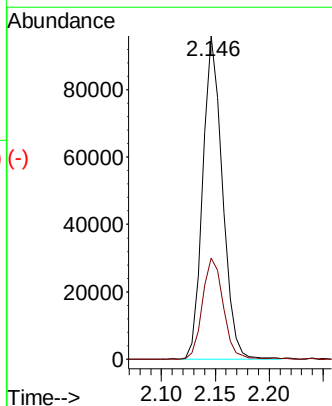
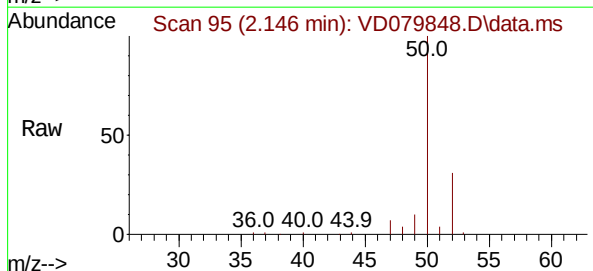
Instrument : MSVOA_D
 ClientSampleId :

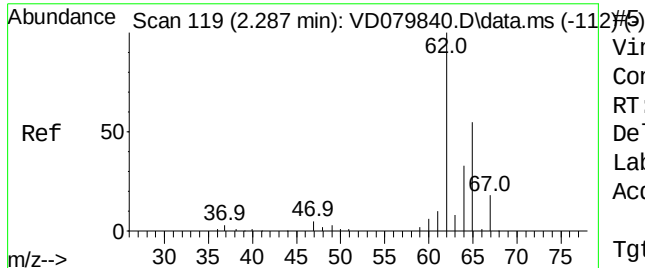
Tgt Ion: 85 Resp: 67499
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.6



Chloromethane
 Concen: 19.925 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079848.D
 Acq: 16 Sep 2024 17:48

Tgt Ion: 50 Resp: 121090
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.4 41.6





Vinyl chloride

Concen: 20.489 ug/L

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

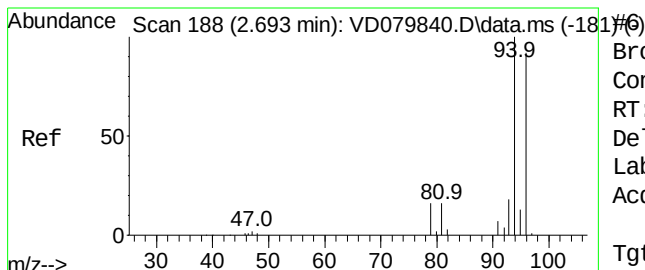
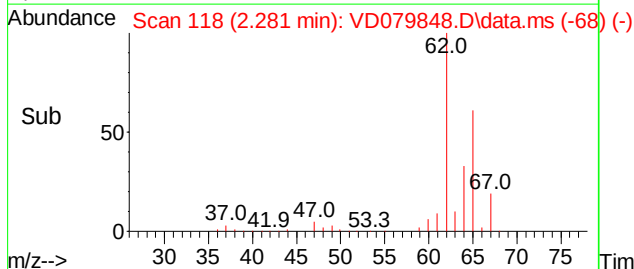
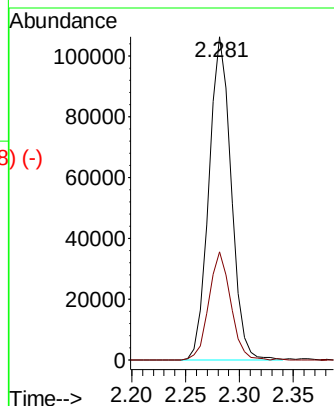
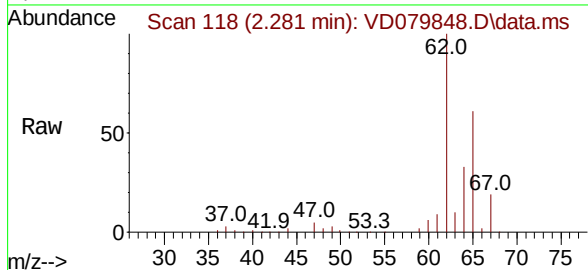
ClientSampleId :

Tgt Ion: 62 Resp: 152590

Ion Ratio Lower Upper

62 100

64 33.5 22.6 42.0



Bromomethane

Concen: 23.805 ug/L

RT: 2.693 min Scan# 188

Delta R.T. -0.000 min

Lab File: VD079848.D

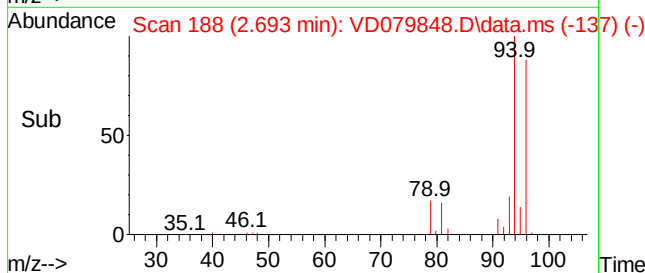
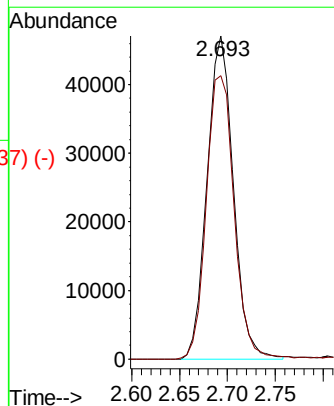
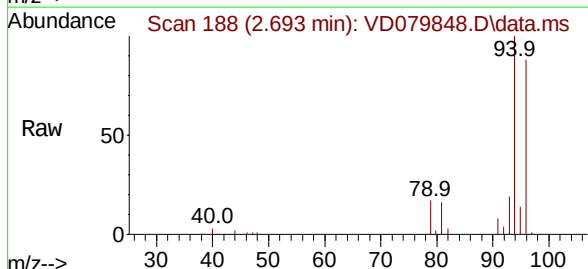
Acq: 16 Sep 2024 17:48

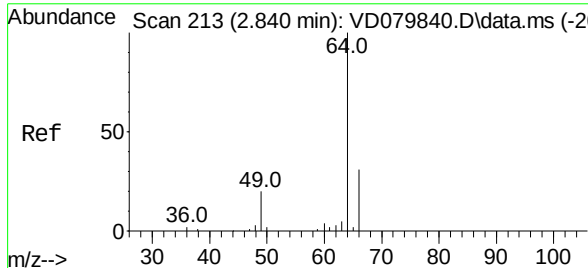
Tgt Ion: 94 Resp: 89265

Ion Ratio Lower Upper

94 100

96 87.8 64.3 119.5





Chloroethane

Concen: 21.092 ug/L

RT: 2.834 min Scan# 212

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

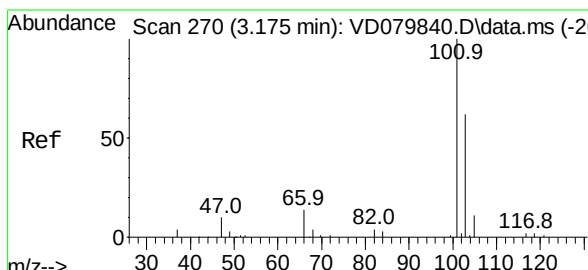
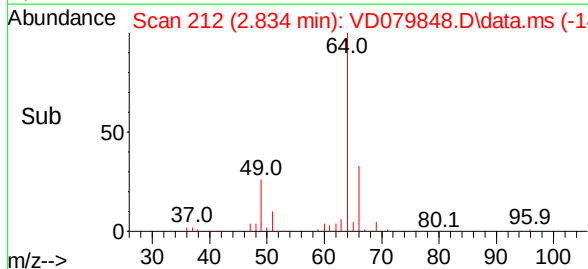
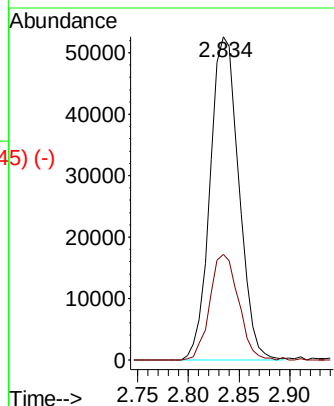
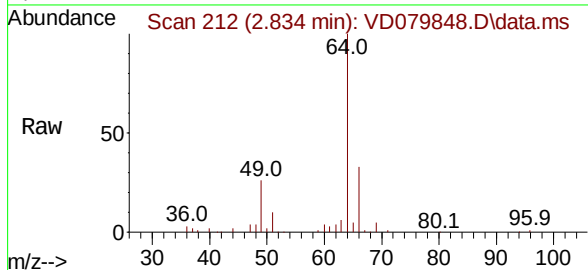
ClientSampleId :

Tgt Ion: 64 Resp: 103777

Ion Ratio Lower Upper

64 100

66 32.7 21.3 39.6



Trichlorofluoromethane

Concen: 20.410 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.006 min

Lab File: VD079848.D

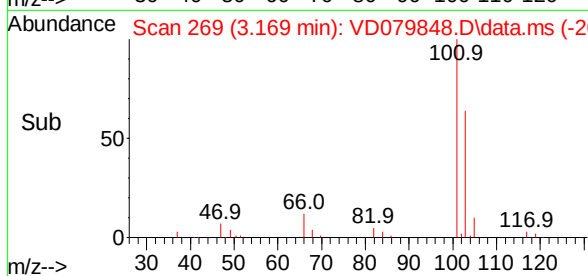
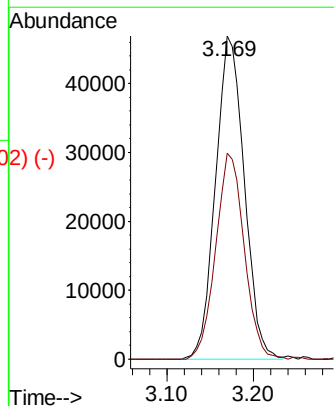
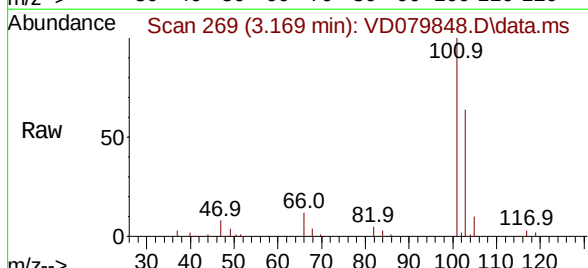
Acq: 16 Sep 2024 17:48

Tgt Ion:101 Resp: 109291

Ion Ratio Lower Upper

101 100

103 63.3 50.5 75.7



Abundance Scan 405 (3.969 min): VD079840.D\data.ms (-391) #10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.375 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

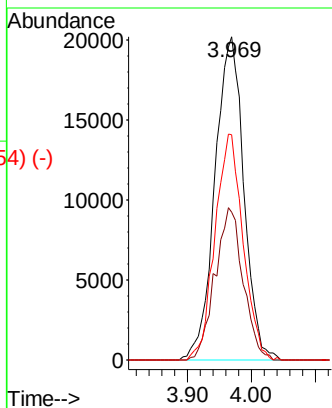
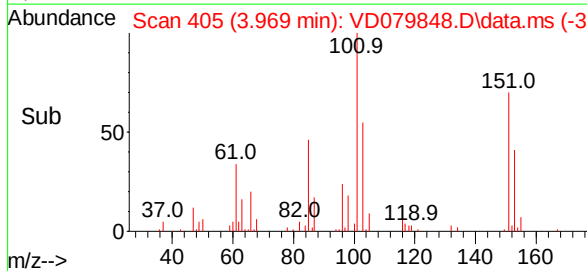
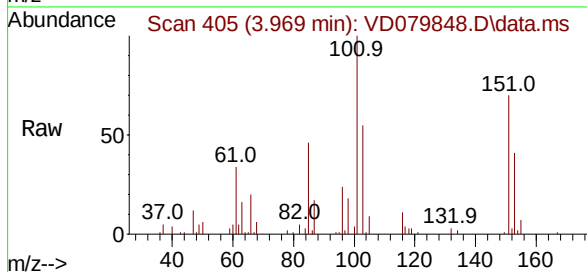
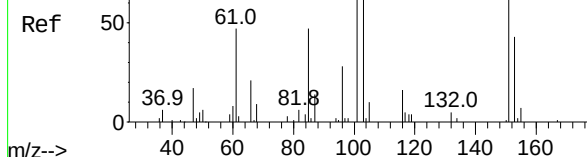
Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :



Abundance Scan 400 (3.940 min): VD079840.D\data.ms (-391) #12

1,1-Dichloroethene

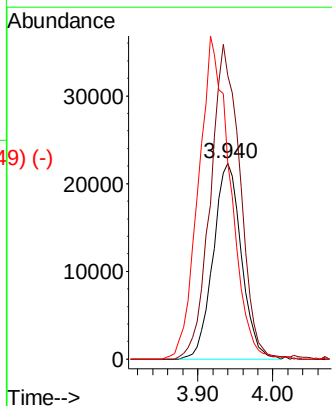
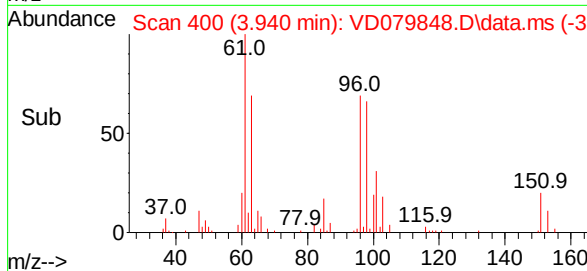
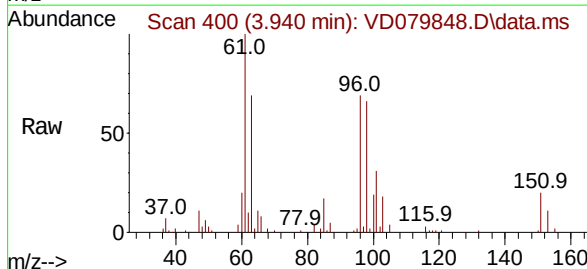
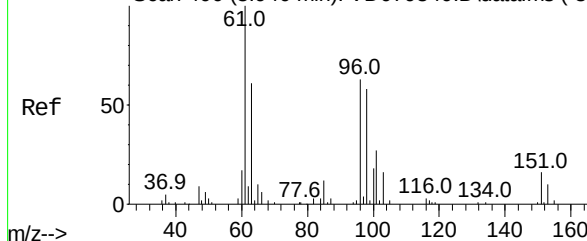
Concen: 21.020 ug/L

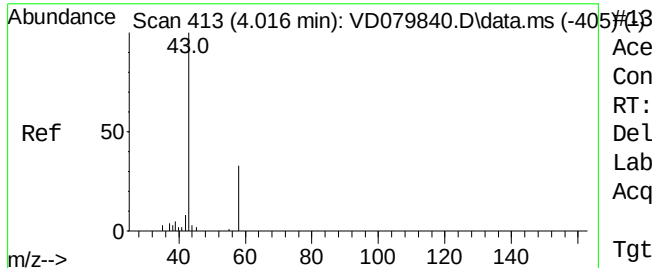
RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48





Acetone

Concen: 48.432 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

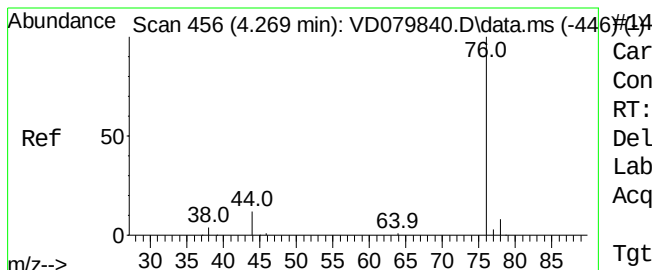
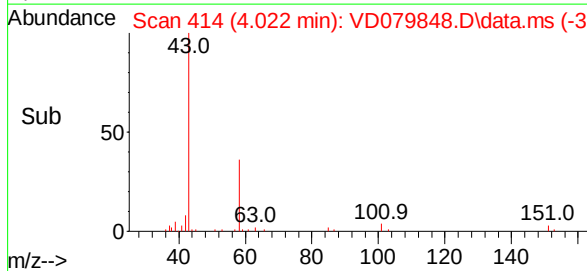
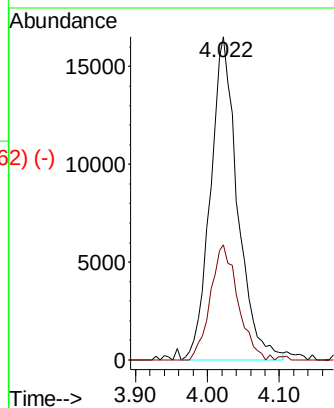
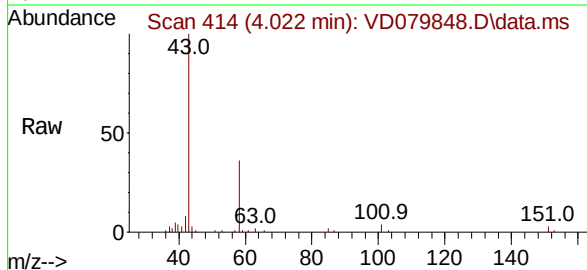
ClientSampleId :

Tgt Ion: 43 Resp: 43374

Ion Ratio Lower Upper

43 100

58 35.8 0.0 75.8



Carbon disulfide

Concen: 19.727 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079848.D

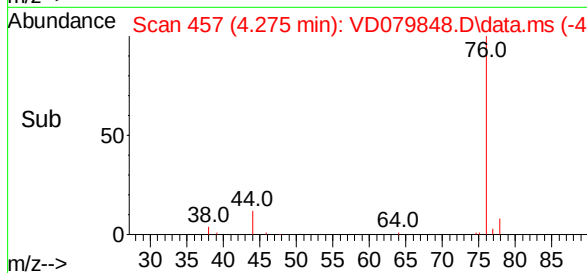
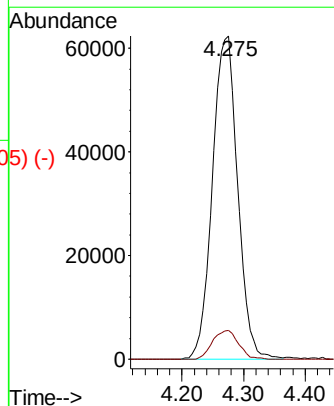
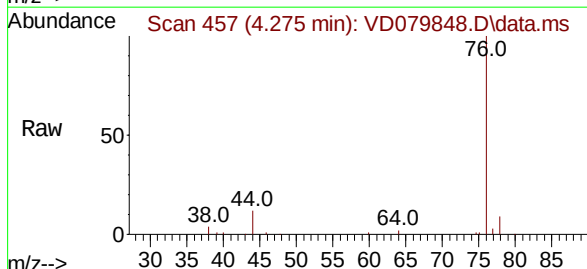
Acq: 16 Sep 2024 17:48

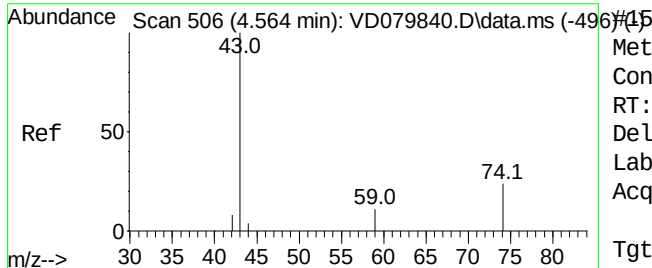
Tgt Ion: 76 Resp: 177142

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





Methyl Acetate

Concen: 21.660 ug/L

RT: 4.558 min Scan# 545

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

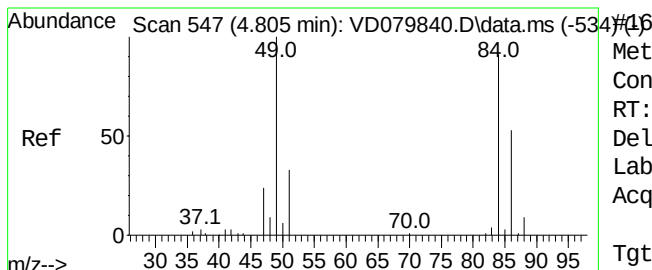
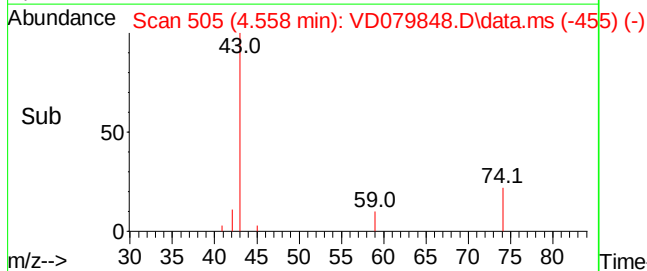
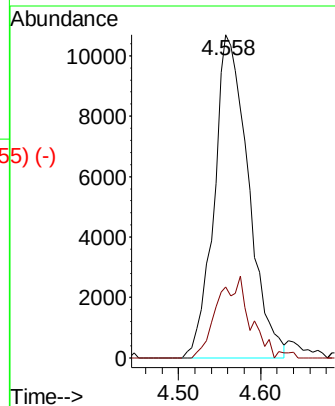
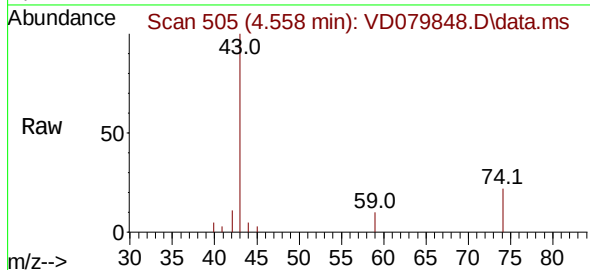
ClientSampleId :

Tgt Ion: 43 Resp: 30899

Ion Ratio Lower Upper

43 100

74 12.0 11.9 17.9



Methylene chloride

Concen: 21.287 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

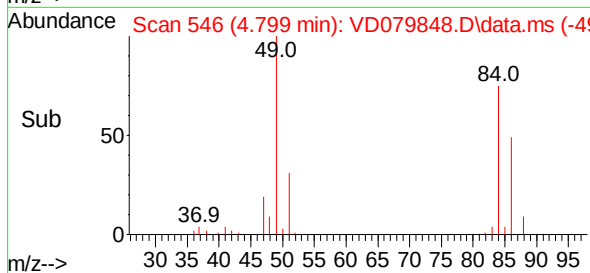
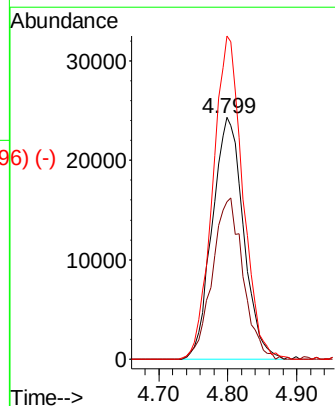
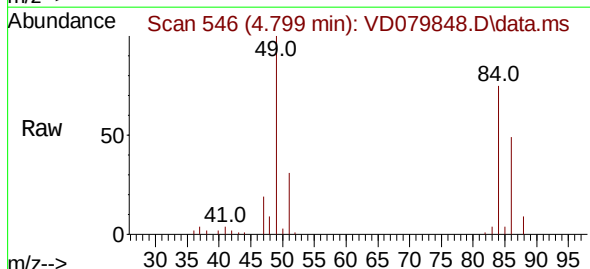
Tgt Ion: 84 Resp: 76476

Ion Ratio Lower Upper

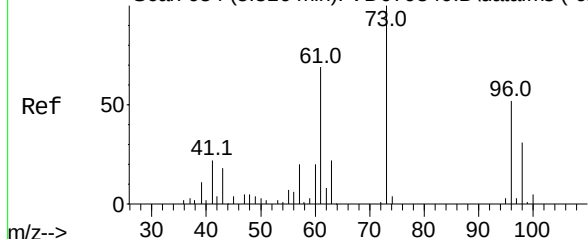
84 100

86 65.0 41.0 76.2

49 133.7 90.0 167.2



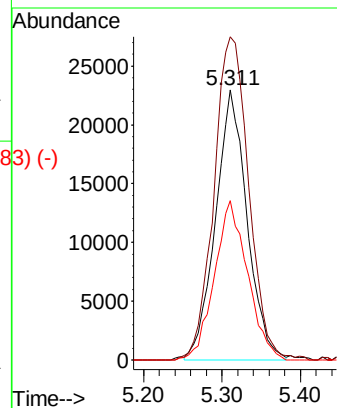
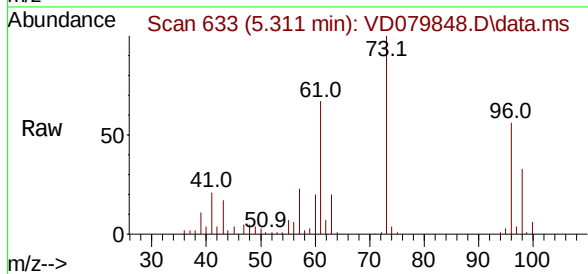
Abundance Scan 634 (5.316 min): VD079840.D\data.ms (-622) #17



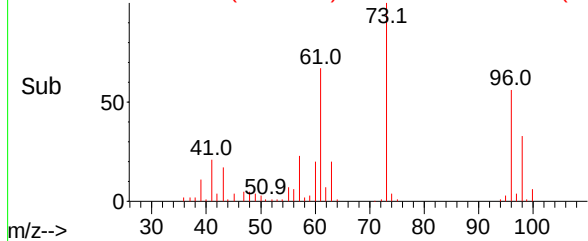
trans-1,2-Dichloroethene
Concen: 21.747 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

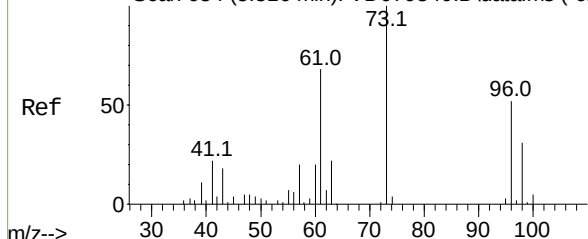
Tgt Ion:	96	Resp:	64014
Ion	Ratio	Lower	Upper
96	100		
61	119.7	88.7	164.7
98	58.9	43.8	81.3



Abundance Scan 633 (5.311 min): VD079848.D\data.ms (-583) (-)

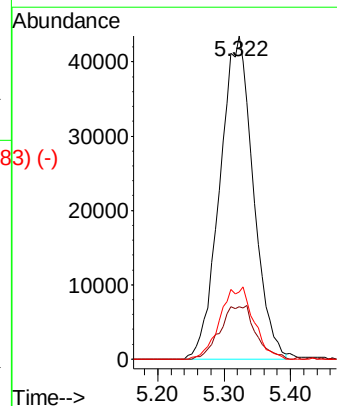
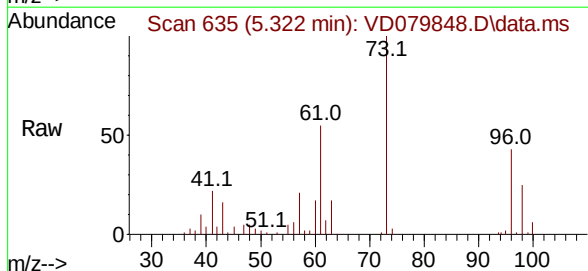


Abundance Scan 634 (5.316 min): VD079840.D\data.ms (-620) #18

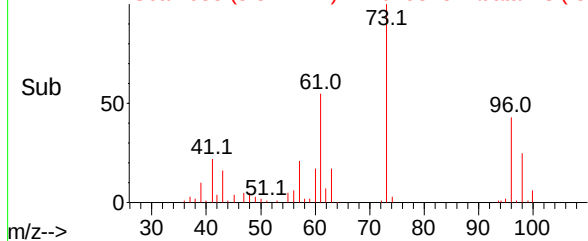


Methyl tert-butyl Ether
Concen: 22.870 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

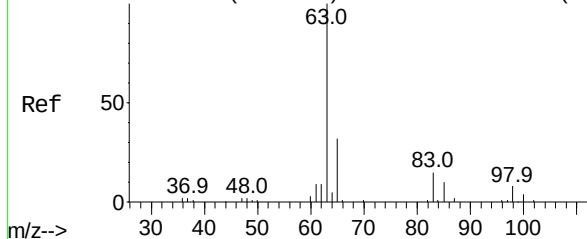
Tgt Ion:	73	Resp:	151441
Ion	Ratio	Lower	Upper
73	100		
43	8.4	14.5	21.7#
57	11.3	18.8	28.2#



Abundance Scan 635 (5.322 min): VD079848.D\data.ms (-583) (-)



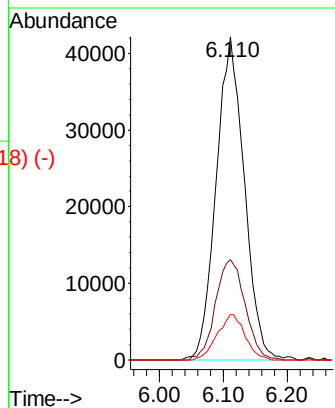
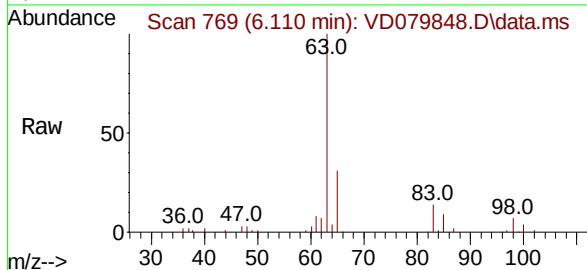
Abundance Scan 769 (6.111 min): VD079840.D\data.ms (-757) #19



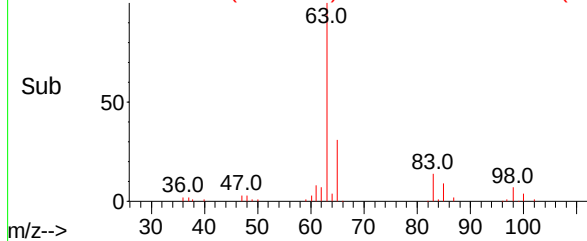
1,1-Dichloroethane
Concen: 22.018 ug/L
RT: 6.110 min Scan#
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

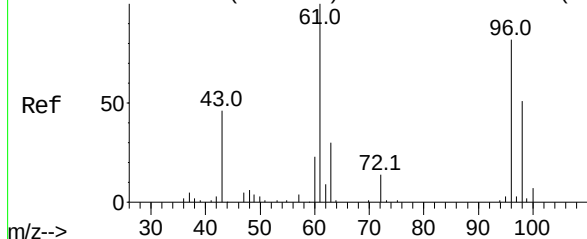
Tgt Ion:	63	Resp:	128735
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.6	42.0
83	14.1	9.0	16.8



Abundance Scan 769 (6.110 min): VD079848.D\data.ms (-718) (-)

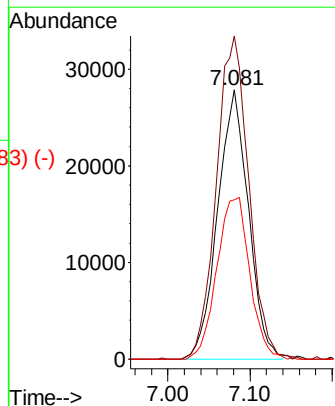
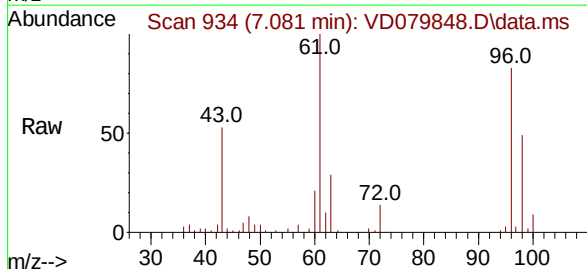


Abundance Scan 934 (7.081 min): VD079840.D\data.ms (-923) #20

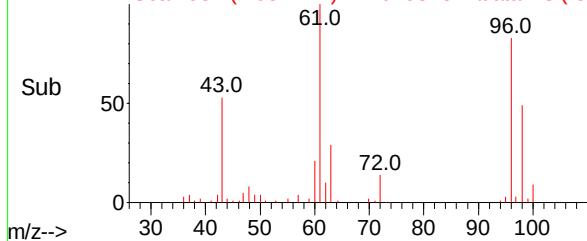


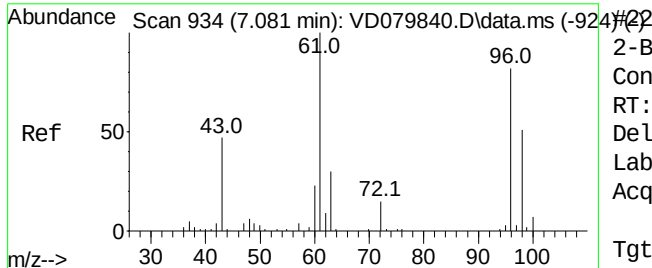
cis-1,2-Dichloroethene
Concen: 22.430 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	96	Resp:	72697
Ion	Ratio	Lower	Upper
96	100		
61	119.8	83.8	155.6
98	59.1	45.9	85.3



Abundance Scan 934 (7.081 min): VD079848.D\data.ms (-883) (-)





2-Butanone

Concen: 46.856 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

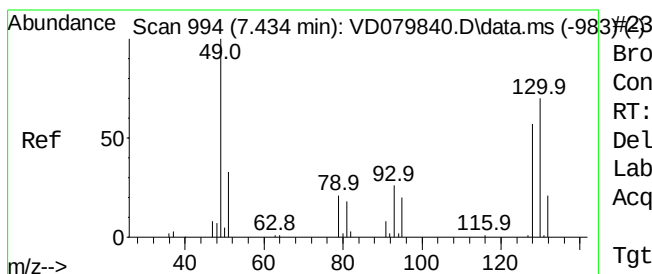
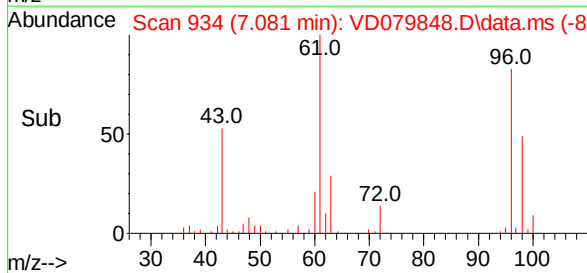
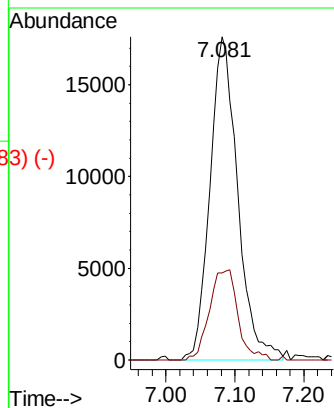
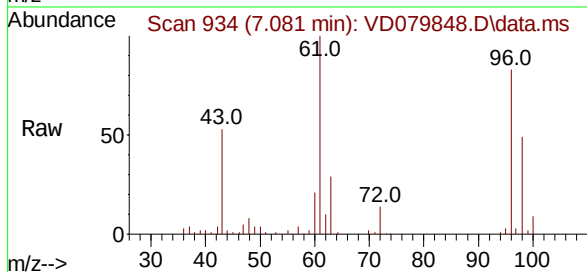
ClientSampleId :

Tgt Ion: 43 Resp: 49224

Ion Ratio Lower Upper

43 100

72 0.0 13.1 39.3#



Bromochloromethane

Concen: 23.114 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Tgt Ion:128 Resp: 31795

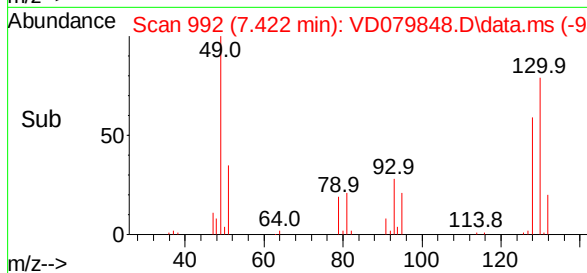
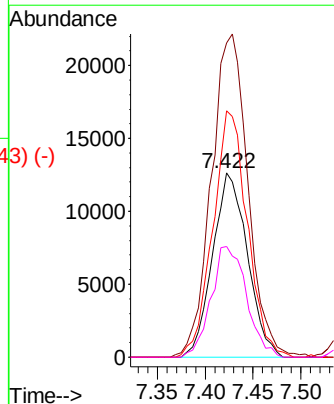
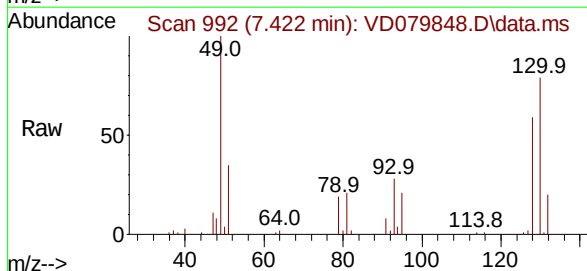
Ion Ratio Lower Upper

128 100

49 170.1 132.3 245.7

130 133.5 89.4 166.0

51 60.0 46.2 69.4



Abundance Scan 1022 (7.599 min): VD079840.D\data.ms (-1025-)

Chloroform

Concen: 22.520 ug/L

RT: 7.593 min Scan#

Delta R.T. -0.006 min

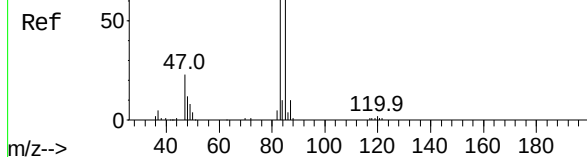
Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :

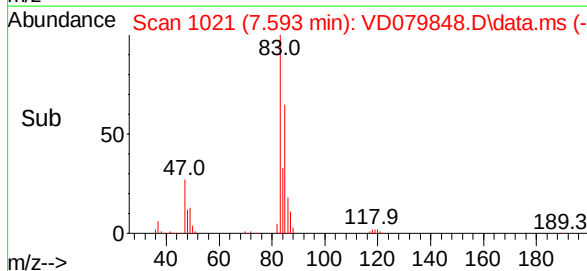
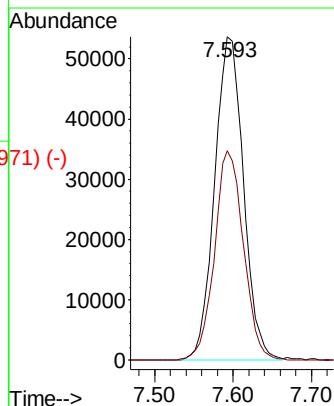
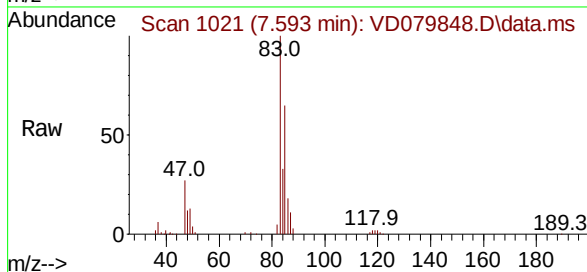


Tgt Ion: 83 Resp: 137062

Ion Ratio Lower Upper

83 100

85 64.8 47.3 87.9



Abundance Scan 1145 (8.322 min): VD079840.D\data.ms (-1127-)

1,2-Dichloroethane

Concen: 22.642 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD079848.D

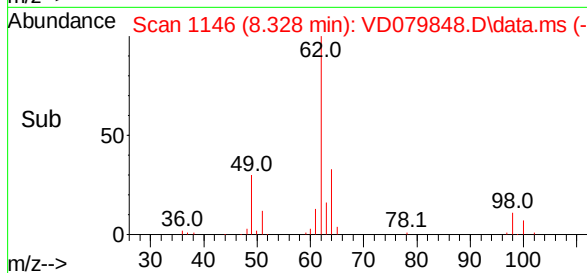
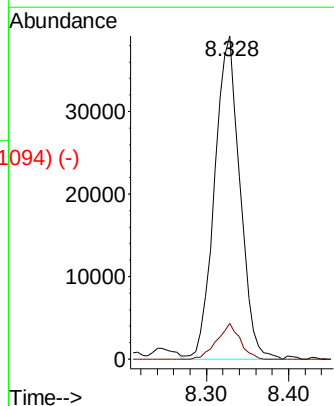
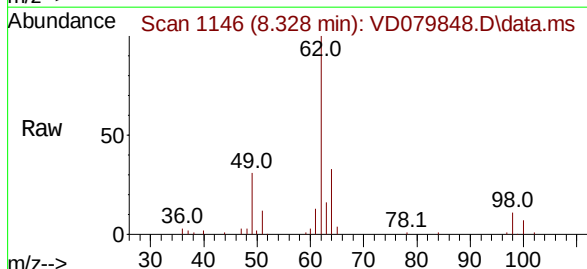
Acq: 16 Sep 2024 17:48

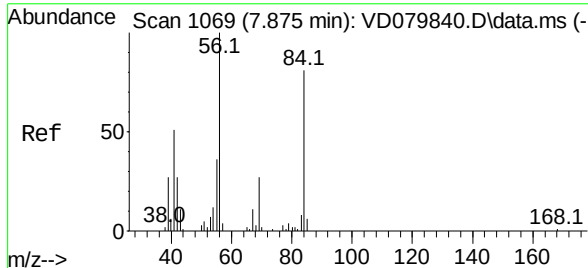
Tgt Ion: 62 Resp: 84224

Ion Ratio Lower Upper

62 100

98 11.1 7.5 11.3

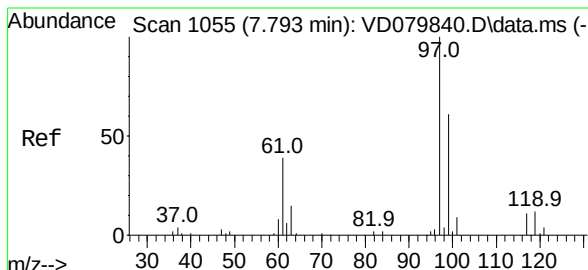
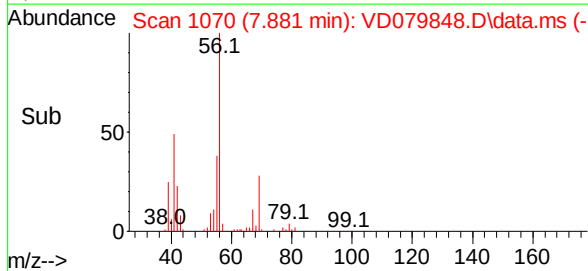
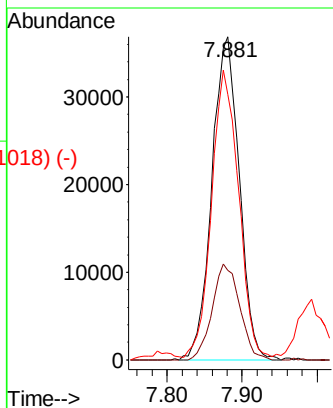
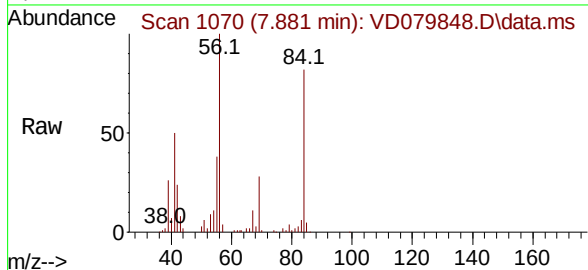




Cyclohexane
Concen: 21.434 ug/L
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

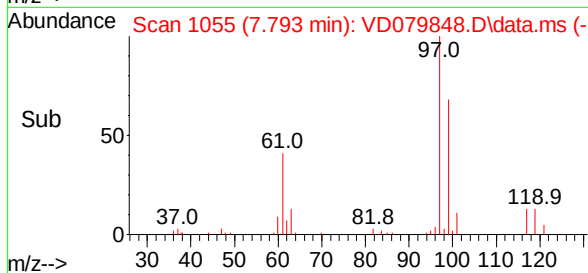
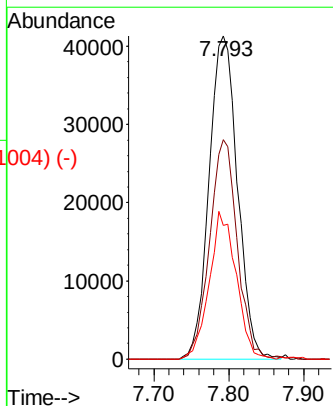
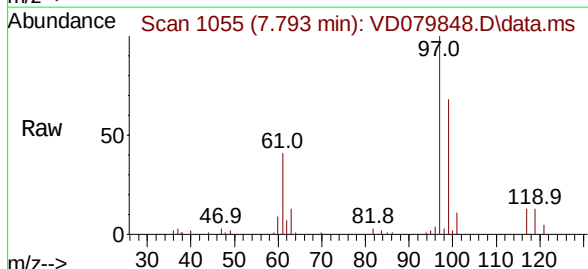
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	56	Resp:	93393
Ion	Ratio	Lower	Upper
56	100		
69	29.7	22.8	34.2
84	89.4	69.1	103.7

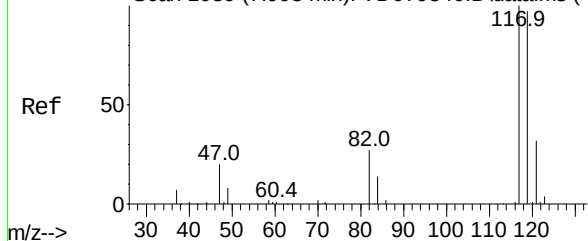


1,1,1-Trichloroethane
Concen: 22.653 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	97	Resp:	108776
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.9	77.9
61	43.2	35.4	53.2



Abundance Scan 1089 (7.993 min): VD079840.D\data.ms (-10781-)



Carbon tetrachloride

Concen: 23.025 ug/L

RT: 7.993 min Scan#

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :

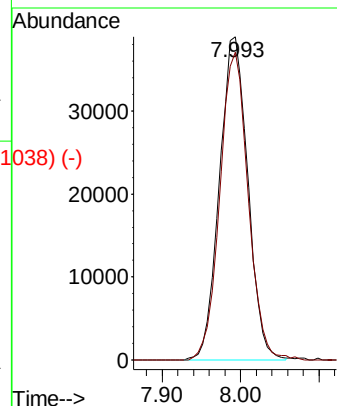
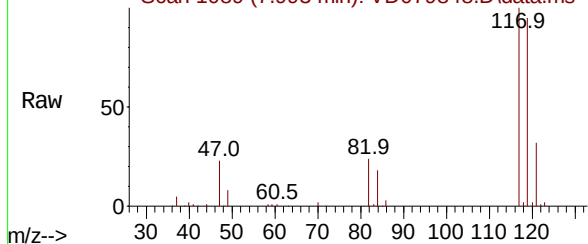
Tgt Ion:117 Resp: 97960

Ion Ratio Lower Upper

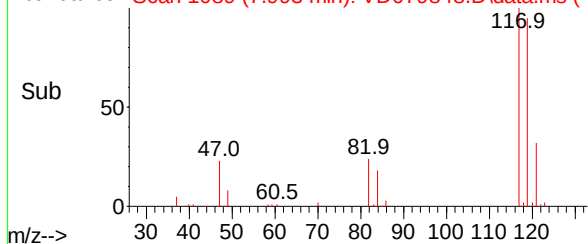
117 100

119 94.9 76.0 114.0

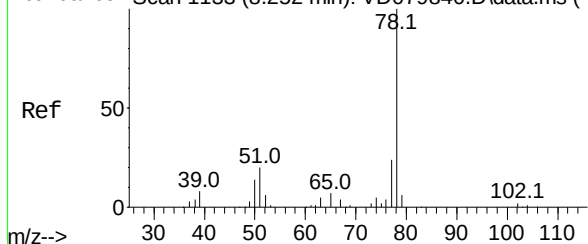
Abundance Scan 1089 (7.993 min): VD079848.D\data.ms



Abundance Scan 1089 (7.993 min): VD079848.D\data.ms (-1038-)



Abundance Scan 1133 (8.252 min): VD079840.D\data.ms (-11231-)



Benzene

Concen: 22.730 ug/L

RT: 8.252 min Scan# 1133

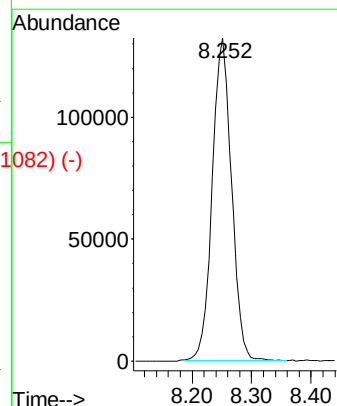
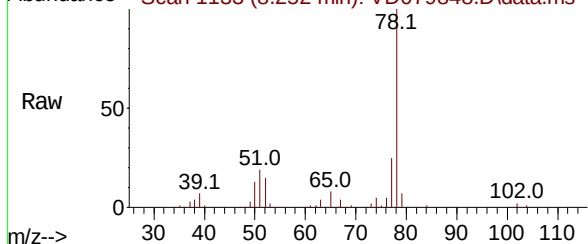
Delta R.T. -0.000 min

Lab File: VD079848.D

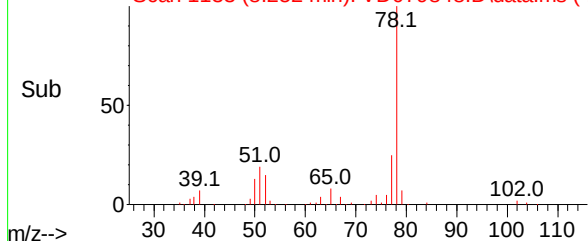
Acq: 16 Sep 2024 17:48

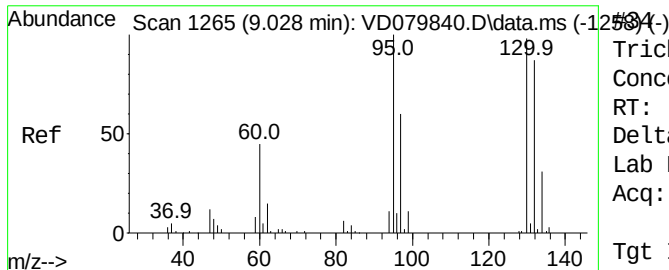
Tgt Ion: 78 Resp: 298160

Abundance Scan 1133 (8.252 min): VD079848.D\data.ms



Abundance Scan 1133 (8.252 min): VD079848.D\data.ms (-1082-)





Trichloroethene

Concen: 22.315 ug/L

RT: 9.028 min Scan#

Delta R.T. -0.000 min

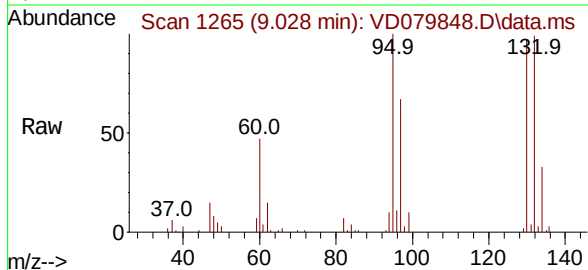
Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 67636

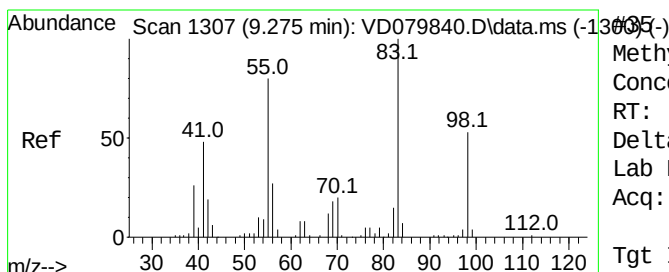
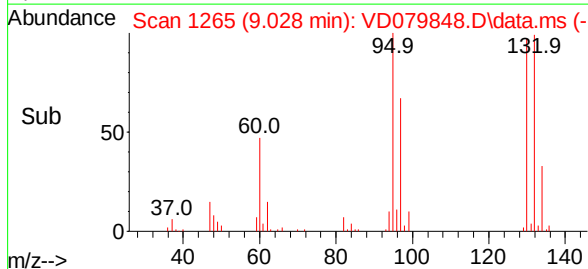
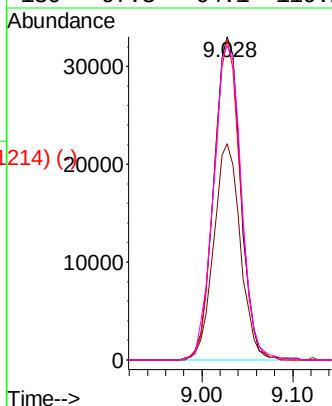
Ion Ratio Lower Upper

95 100

97 66.8 43.5 80.7

132 99.0 64.5 119.7

130 97.3 64.1 119.1



Methylcyclohexane

Concen: 21.566 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

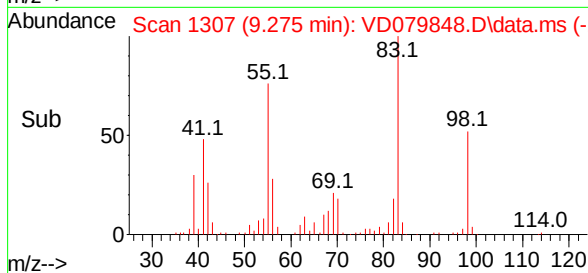
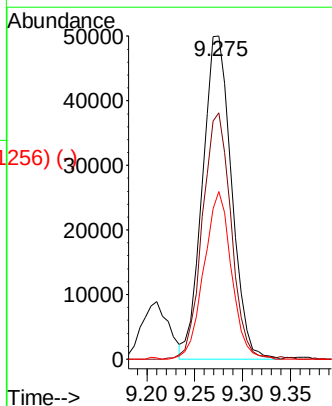
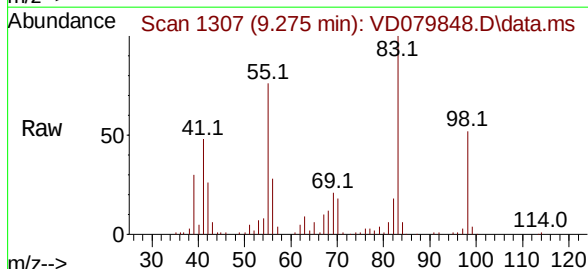
Tgt Ion: 83 Resp: 105483

Ion Ratio Lower Upper

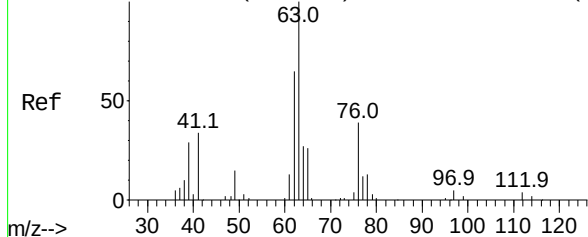
83 100

55 74.7 58.9 88.3

98 49.0 38.6 58.0



Abundance Scan 1311 (9.299 min): VD079840.D\data.ms (-1307-)



1,2-Dichloropropane

Concen: 23.852 ug/L

RT: 9.304 min Scan#

Delta R.T. 0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

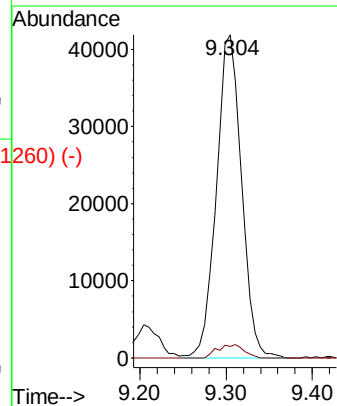
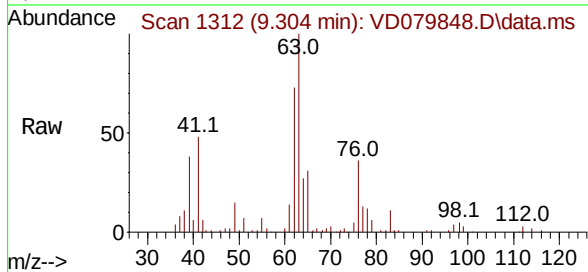
ClientSampleId :

Tgt Ion: 63 Resp: 85325

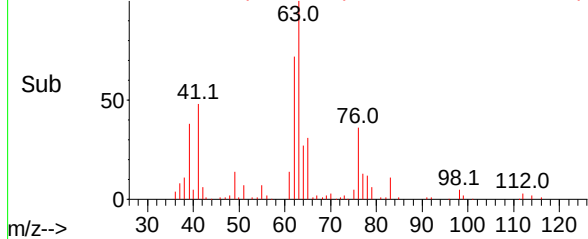
Ion Ratio Lower Upper

63 100

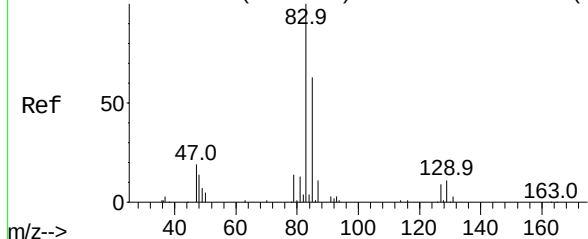
112 2.4 0.0 0.0#



Abundance Scan 1312 (9.304 min): VD079848.D\data.ms (-1260-)



Abundance Scan 1360 (9.587 min): VD079840.D\data.ms (-1359-)



Bromodichloromethane

Concen: 23.662 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

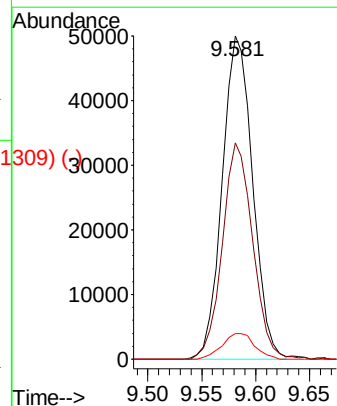
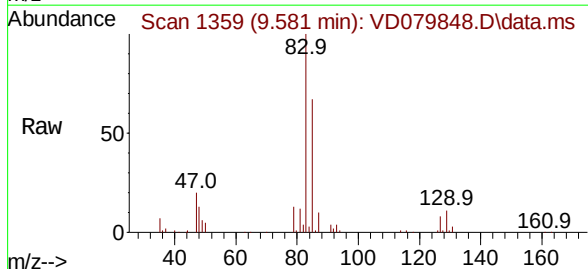
Tgt Ion: 83 Resp: 98630

Ion Ratio Lower Upper

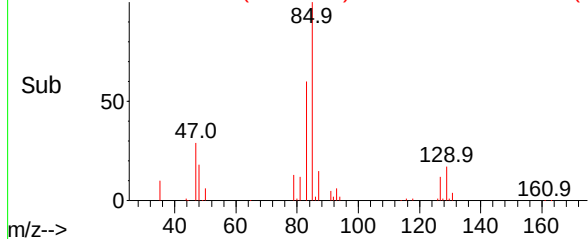
83 100

85 67.0 45.9 85.3

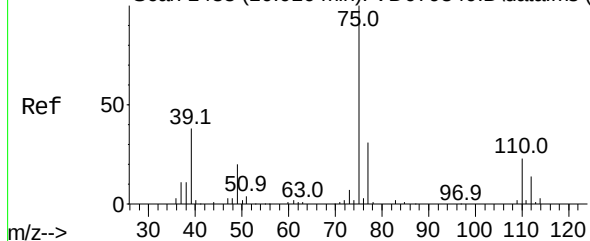
127 8.7 6.7 10.1



Abundance Scan 1359 (9.581 min): VD079848.D\data.ms (-1309-)



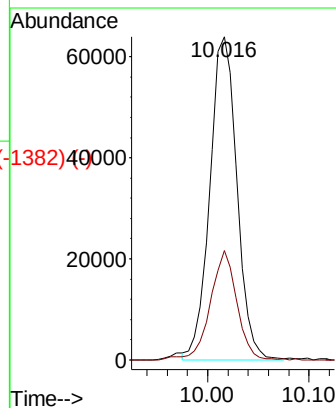
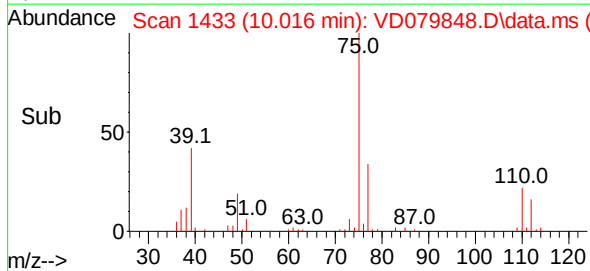
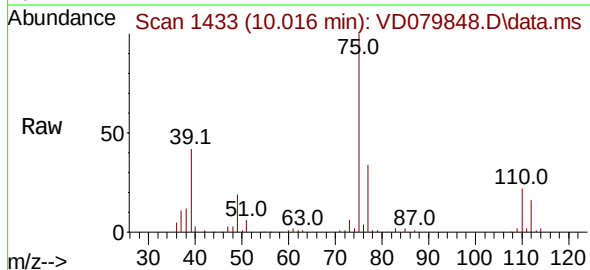
Abundance Scan 1433 (10.016 min): VD079840.D\data.ms (-1429) (-)



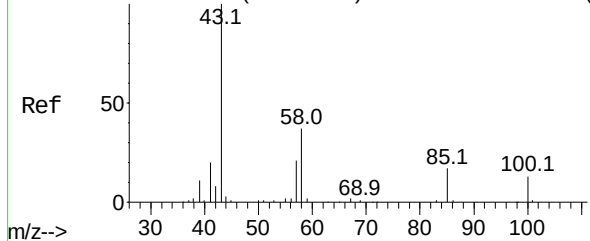
cis-1,3-Dichloropropene
Concen: 23.641 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 118760
Ion Ratio Lower Upper
75 100
77 33.9 24.1 44.8

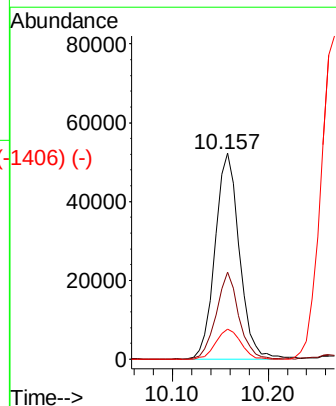
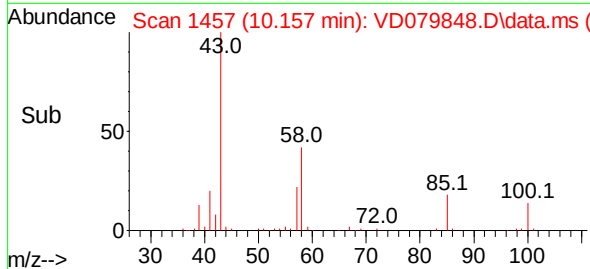
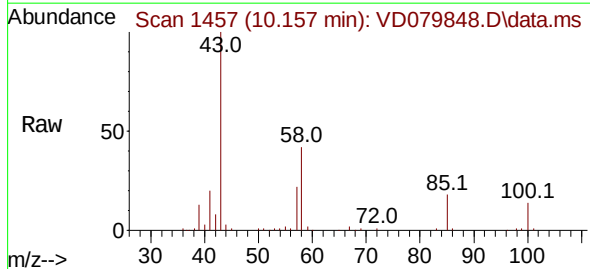


Abundance Scan 1457 (10.157 min): VD079840.D\data.ms (-1430) (-)

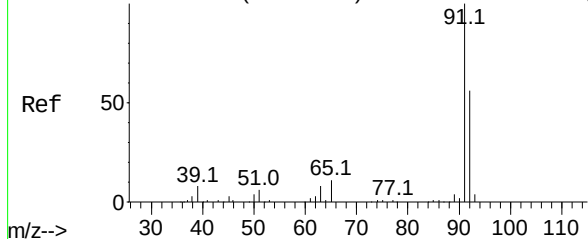


4-Methyl-2-pentanone
Concen: 48.919 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion: 43 Resp: 91606
Ion Ratio Lower Upper
43 100
58 39.1 31.1 46.7
100 14.8 11.8 17.6



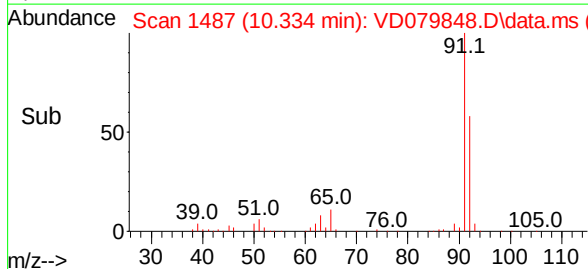
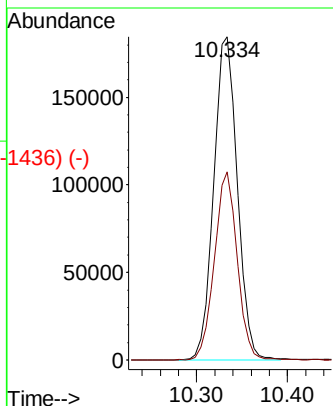
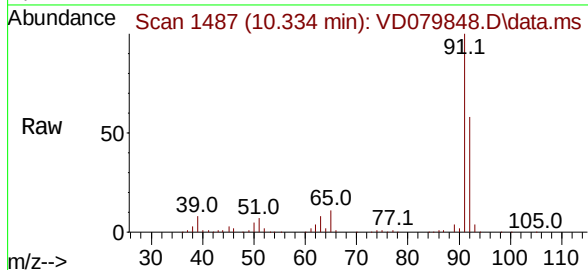
Abundance Scan 1487 (10.334 min): VD079840.D\data.ms (-1479) (-)



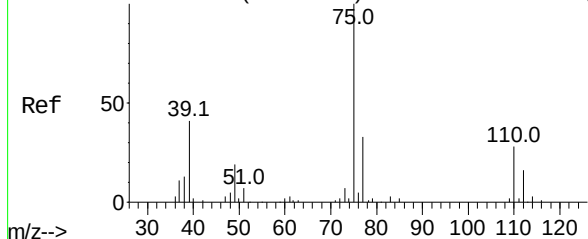
Toluene
Concen: 24.102 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 333017
Ion Ratio Lower Upper
91 100
92 58.3 38.6 71.8

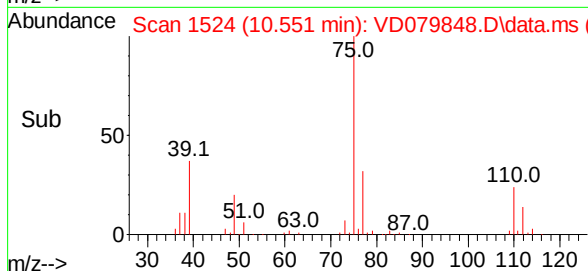
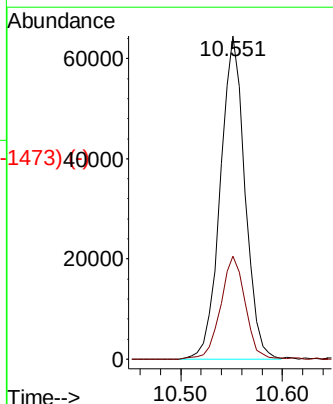
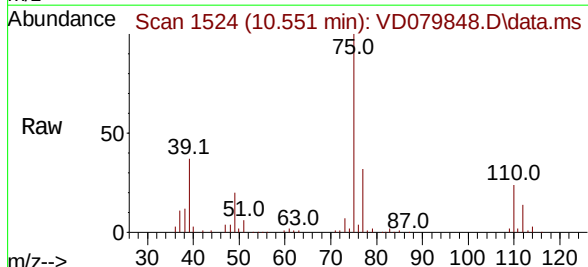


Abundance Scan 1524 (10.551 min): VD079840.D\data.ms (-1514) (-)



trans-1,3-Dichloropropene
Concen: 24.575 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion: 75 Resp: 108796
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



Abundance Scan 1554 (10.728 min): VD079840.D\data.ms (-1545) (-)

1,1,2-Trichloroethane

Concen: 24.573 ug/L

RT: 10.734 min Scan#

Delta R.T. 0.006 min

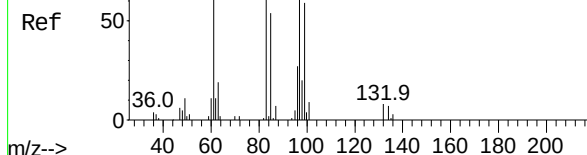
Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 60058

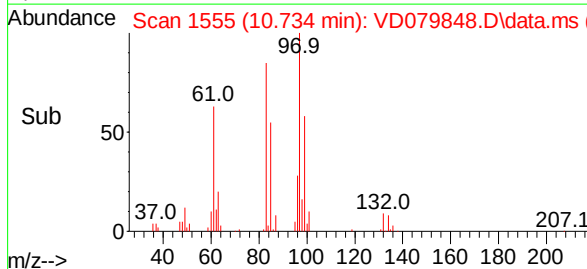
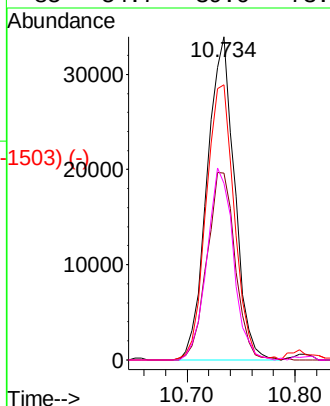
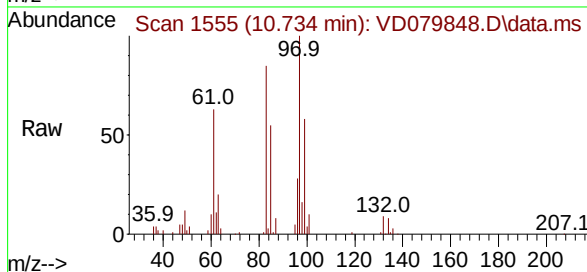
Ion Ratio Lower Upper

97 100

99 57.8 45.1 83.7

83 85.1 65.2 121.0

85 54.7 39.6 73.6



Abundance Scan 1568 (10.810 min): VD079840.D\data.ms (-1560) (-)

Tetrachloroethene

Concen: 23.021 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Tgt Ion:164 Resp: 47370

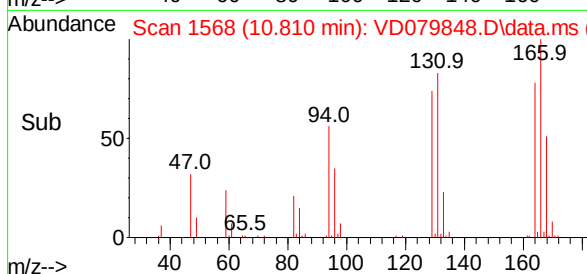
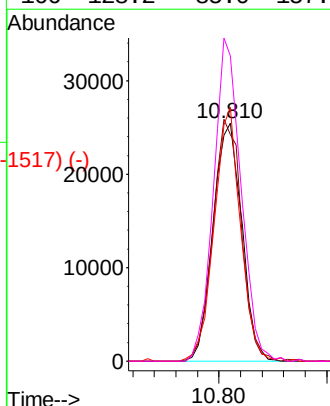
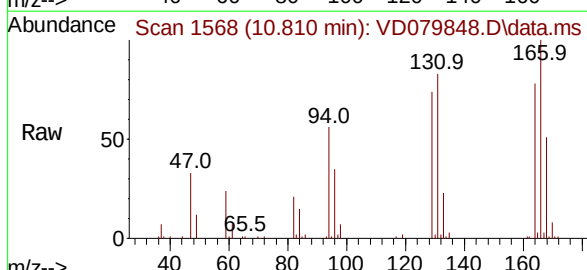
Ion Ratio Lower Upper

164 100

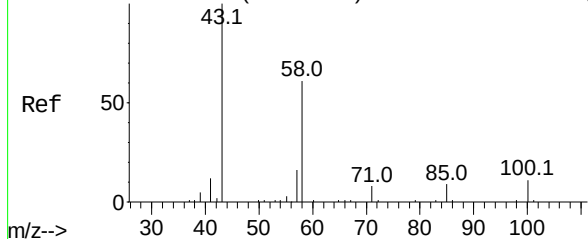
129 95.0 68.7 127.5

131 106.8 62.5 116.1

166 128.2 85.0 157.8



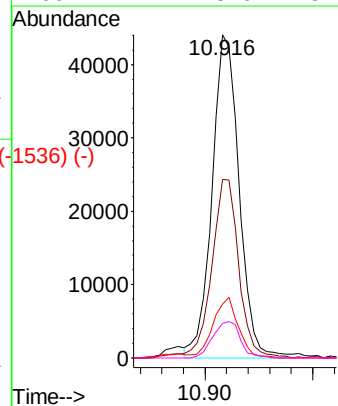
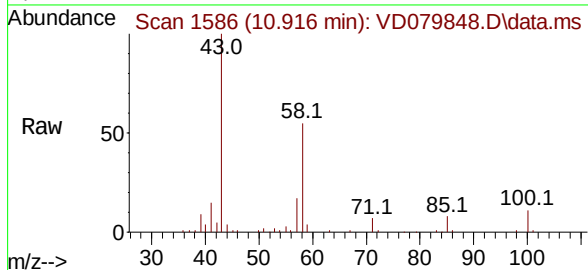
Abundance Scan 1587 (10.922 min): VD079840.D\data.ms (-1587) (-)



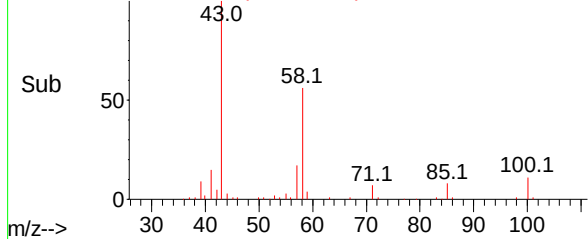
2-Hexanone
Concen: 50.484 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

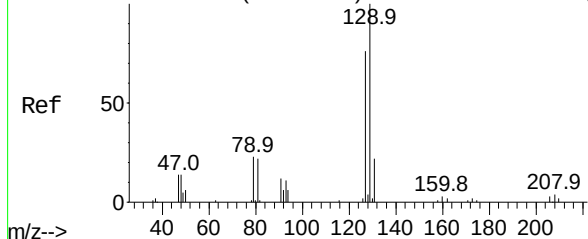
Tgt Ion:	43	Resp:	76897
Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.7	67.1
57	17.6	13.6	20.4
100	11.4	8.9	13.3



Abundance Scan 1586 (10.916 min): VD079848.D\data.ms (-1536) (-)

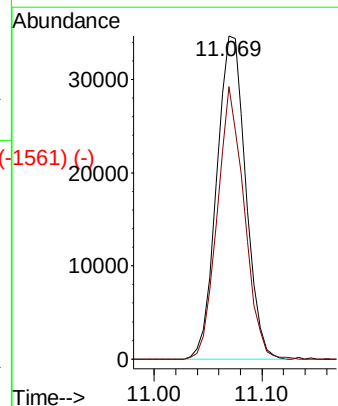
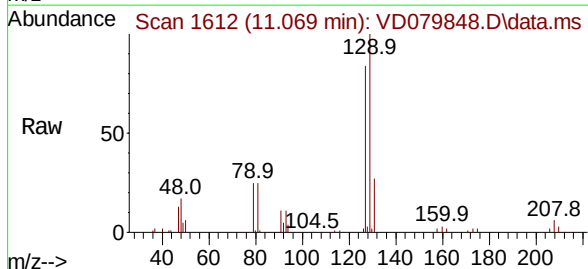


Abundance Scan 1612 (11.069 min): VD079840.D\data.ms (-1612) (-)

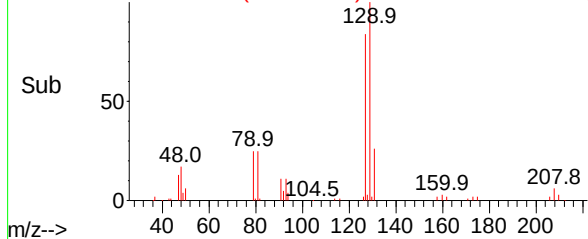


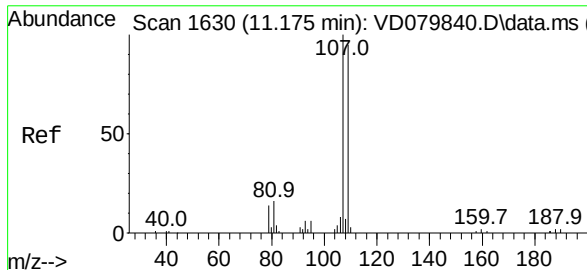
Dibromochloromethane
Concen: 24.454 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	129	Resp:	65237
Ion	Ratio	Lower	Upper
129	100		
127	84.3	55.2	102.6



Abundance Scan 1612 (11.069 min): VD079848.D\data.ms (-1561) (-)





1,2-Dibromoethane

Concen: 23.518 ug/L

RT: 11.175 min Scan#

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :

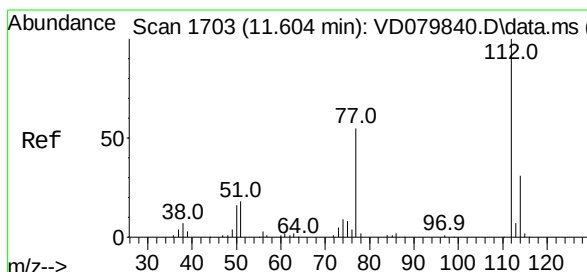
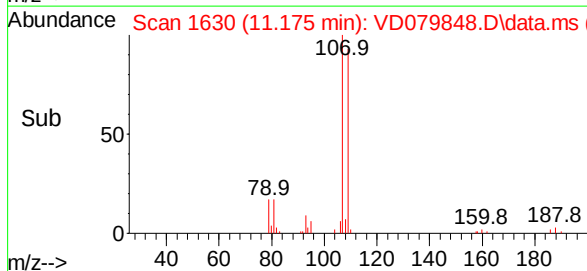
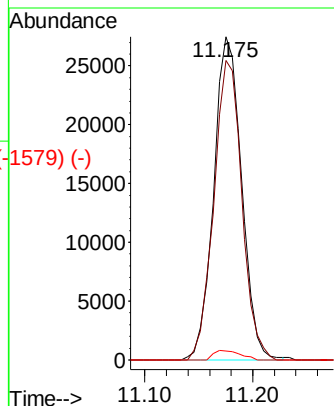
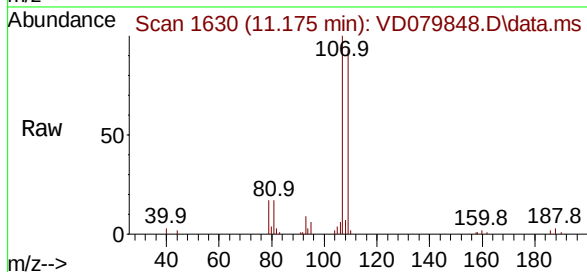
Tgt Ion:107 Resp: 49646

Ion Ratio Lower Upper

107 100

109 92.7 61.5 114.1

188 2.8 2.3 3.5



Chlorobenzene

Concen: 23.802 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

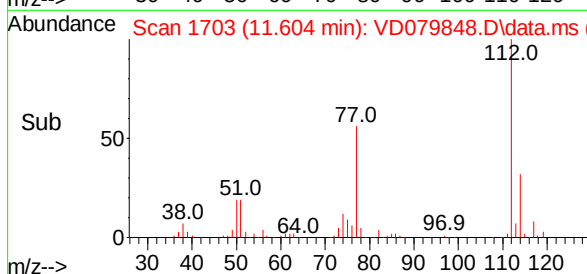
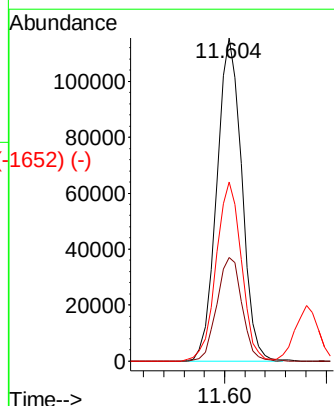
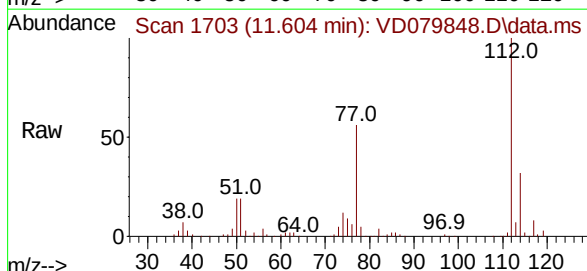
Tgt Ion:112 Resp: 197367

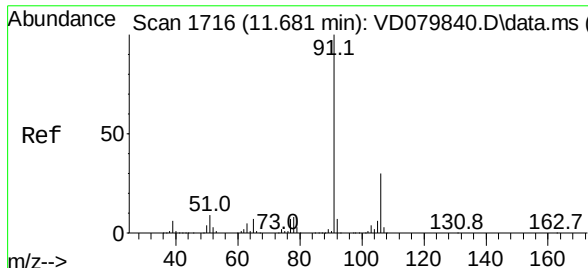
Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 55.5 46.7 70.1

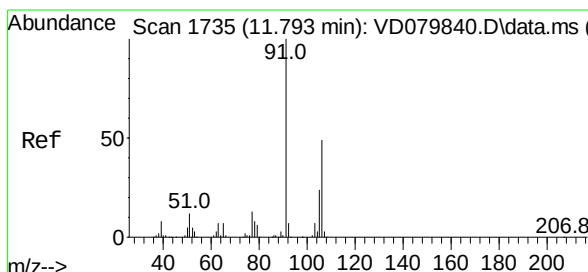
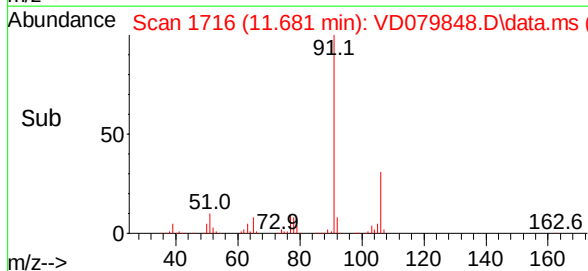
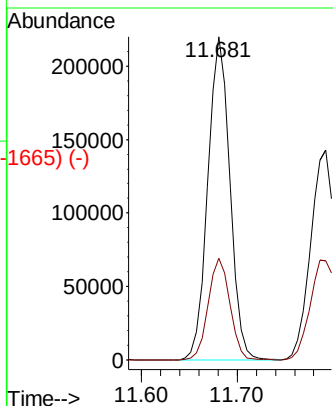
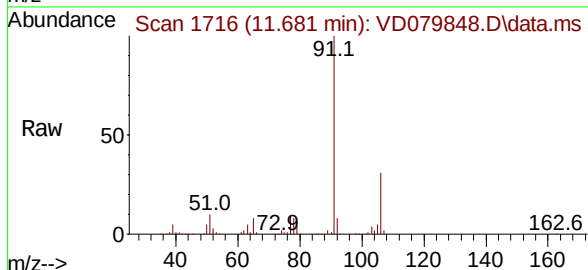




Scan 1716 (11.681 min): VD079840.D\data.ms (-1759) (-)
 Ethylbenzene
 Concen: 24.152 ug/L
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VD079848.D
 Acq: 16 Sep 2024 17:48

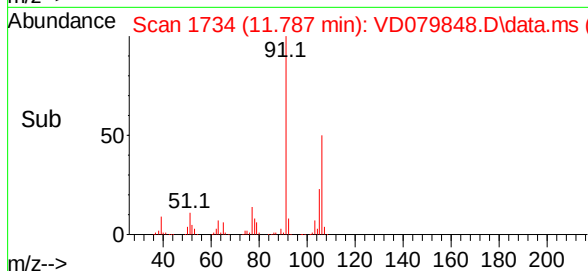
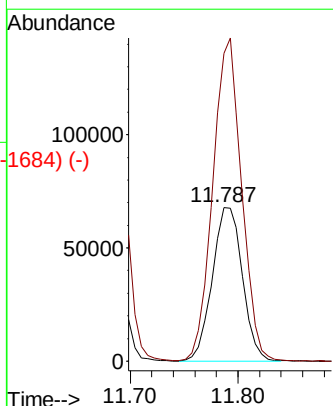
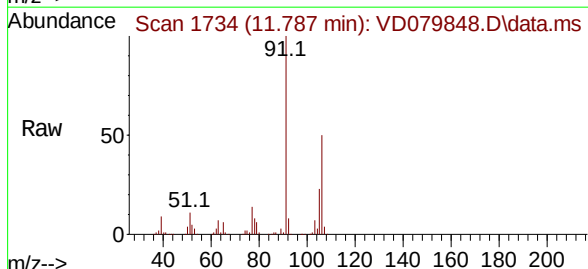
Instrument : MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 350560
 Ion Ratio Lower Upper
 91 100
 106 31.4 21.3 39.5

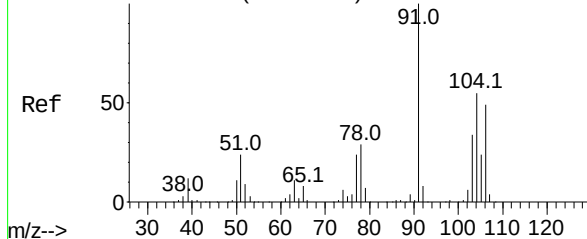


Scan 1735 (11.793 min): VD079840.D\data.ms (-1759) (-)
 m,p-Xylene
 Concen: 24.095 ug/L
 RT: 11.787 min Scan# 1734
 Delta R.T. -0.006 min
 Lab File: VD079848.D
 Acq: 16 Sep 2024 17:48

Tgt Ion: 106 Resp: 132470
 Ion Ratio Lower Upper
 106 100
 91 200.5 138.3 256.9



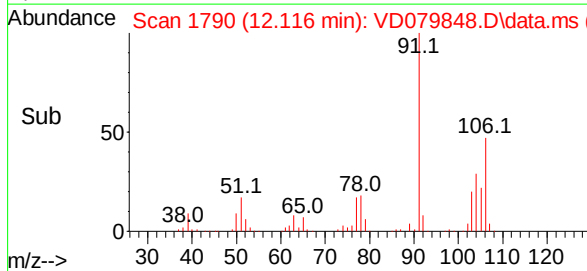
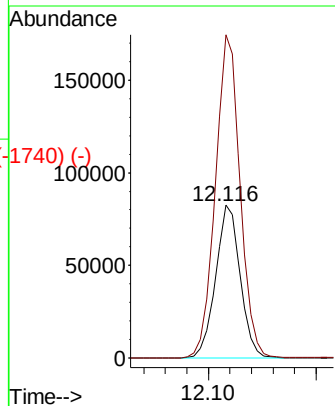
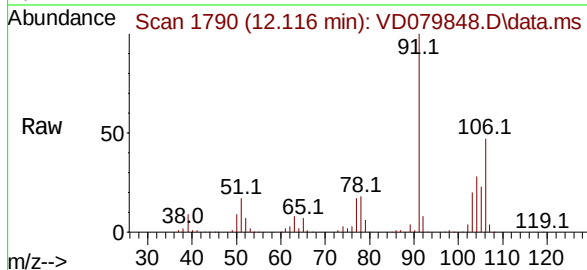
Abundance Scan 1791 (12.122 min): VD079840.D\data.ms (-1754) (-)



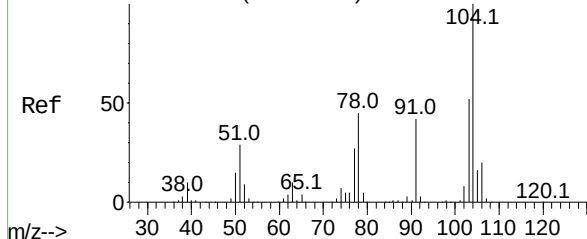
o-Xylene
Concen: 24.288 ug/L
RT: 12.116 min Scan# 1754
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 130922
Ion Ratio Lower Upper
106 100
91 211.6 152.6 283.4

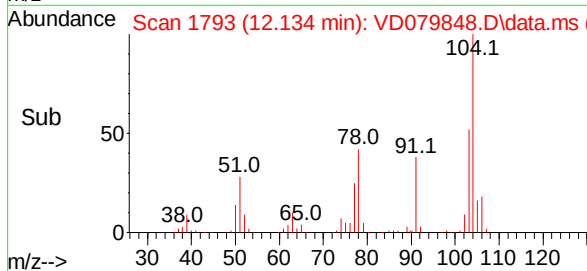
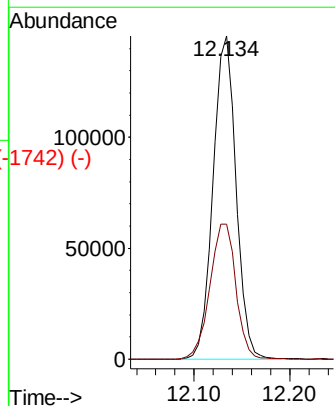
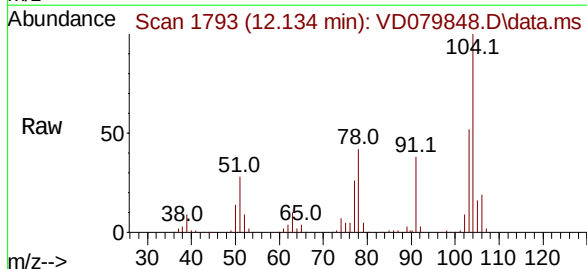


Abundance Scan 1793 (12.134 min): VD079840.D\data.ms (-1755) (-)

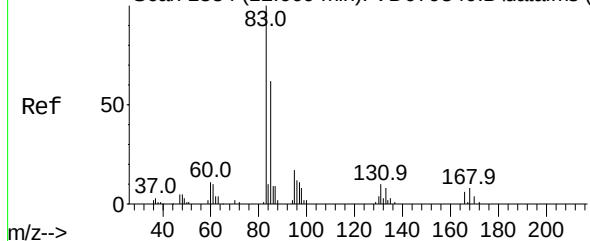


Styrene
Concen: 25.557 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:104 Resp: 242124
Ion Ratio Lower Upper
104 100
78 41.7 30.7 57.1



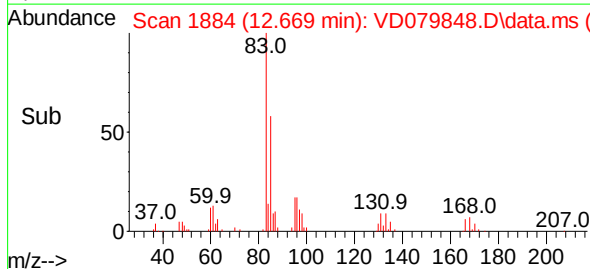
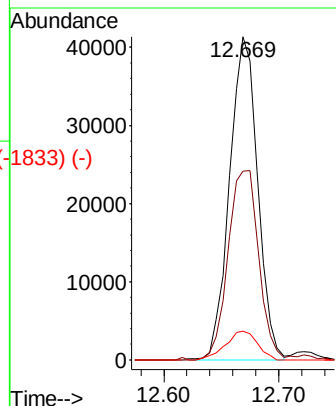
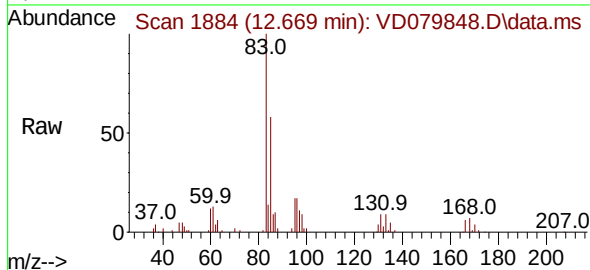
Abundance Scan 1884 (12.669 min): VD079840.D\data.ms (-1855) (-)



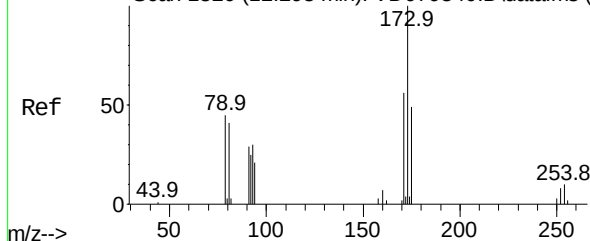
1,1,2,2-Tetrachloroethane
Concen: 24.446 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	83	Resp:	70033
Ion	Ratio	Lower	Upper
83	100		
85	58.5	46.8	87.0
131	9.0	6.5	9.7

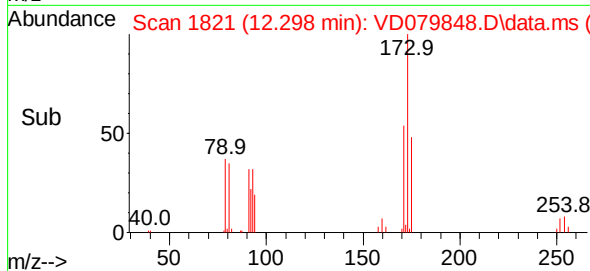
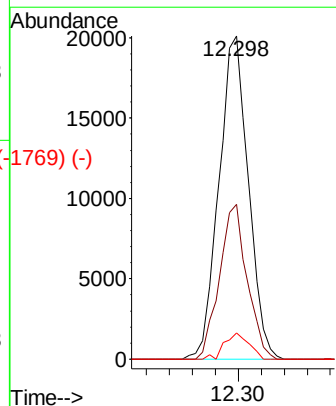
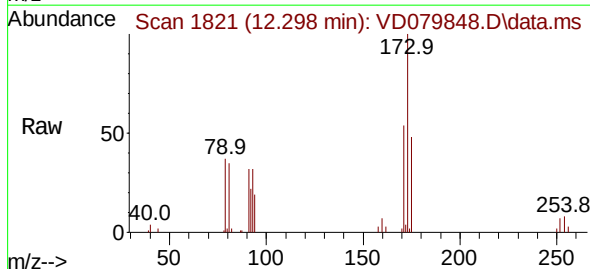


Abundance Scan 1820 (12.293 min): VD079840.D\data.ms (-1855) (-)

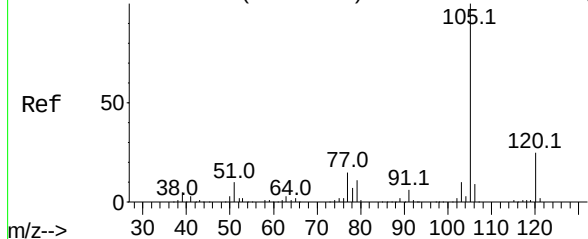


Bromoform
Concen: 23.874 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	173	Resp:	35751
Ion	Ratio	Lower	Upper
173	100		
175	45.0	39.2	58.8
254	6.4	5.5	8.3



Abundance Scan 1842 (12.422 min): VD079840.D\data.ms (-1502) (-)



Isopropylbenzene

Concen: 22.976 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :

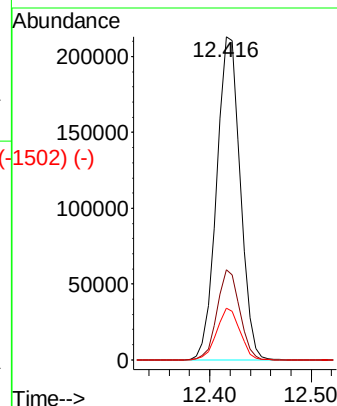
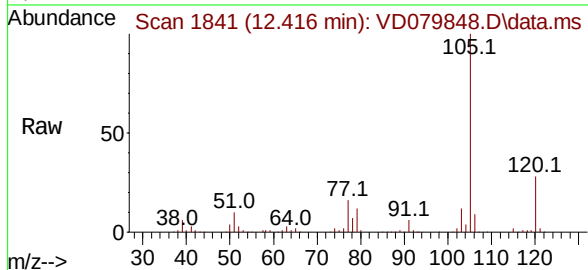
Tgt Ion:105 Resp: 344120

Ion Ratio Lower Upper

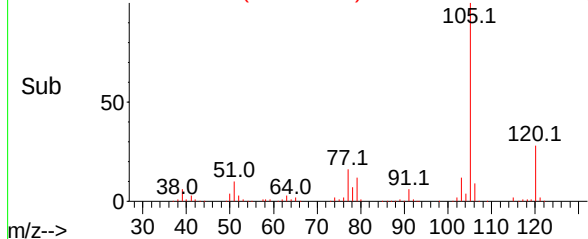
105 100

120 26.6 20.9 31.3

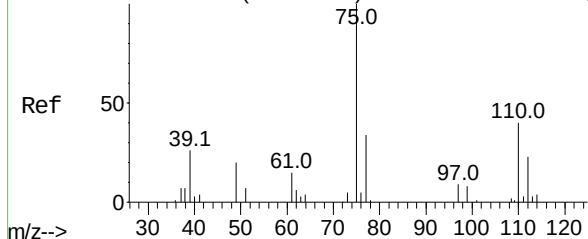
77 15.7 12.6 19.0



Abundance Scan 1841 (12.416 min): VD079848.D\data.ms (-1502) (-)



Abundance Scan 1893 (12.722 min): VD079840.D\data.ms (-1553) (-)



1,2,3-Trichloropropane

Concen: 22.394 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

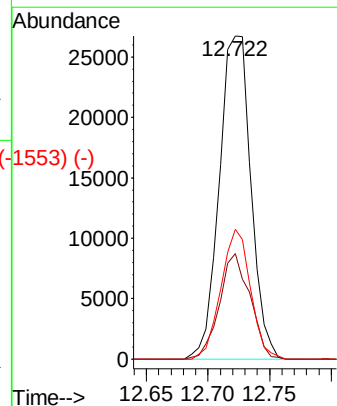
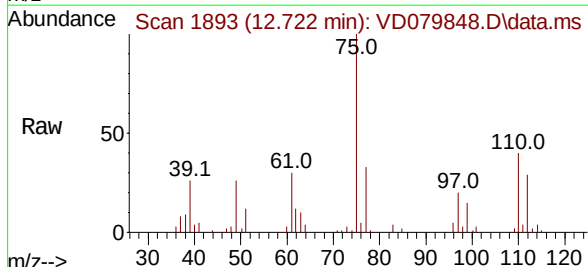
Tgt Ion: 75 Resp: 47752

Ion Ratio Lower Upper

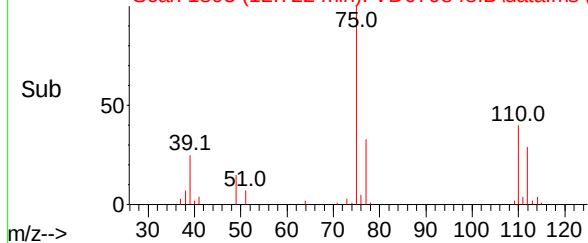
75 100

77 31.5 25.1 37.7

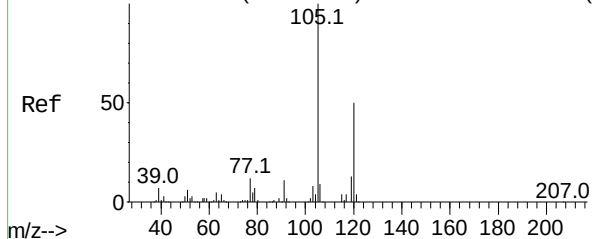
110 37.5 30.1 45.1



Abundance Scan 1893 (12.722 min): VD079848.D\data.ms (-1553) (-)



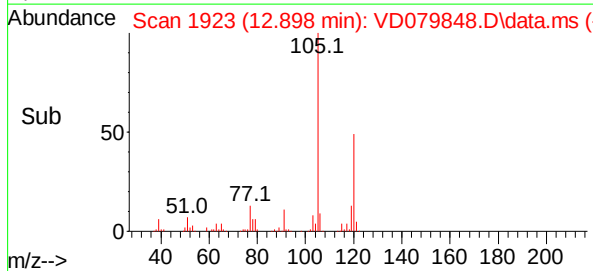
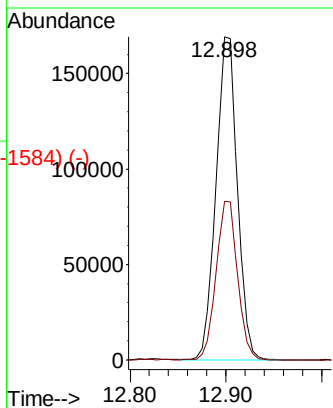
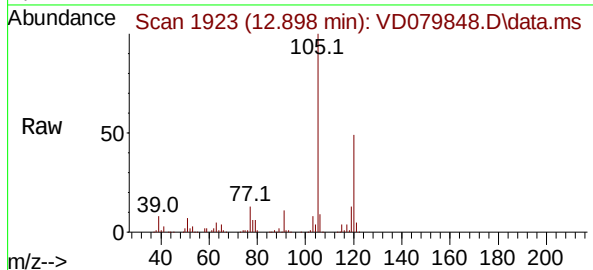
Abundance Scan 1924 (12.904 min): VD079840.D\data.ms (-1562) (-)



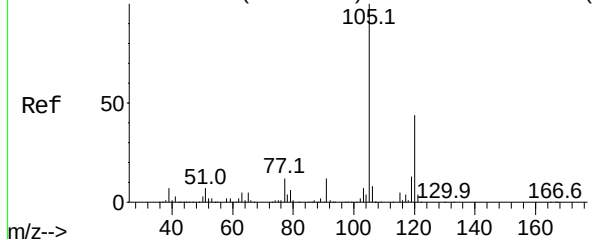
1,3,5-Trimethylbenzene
Concen: 23.996 ug/L
RT: 12.898 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	38.3	57.5

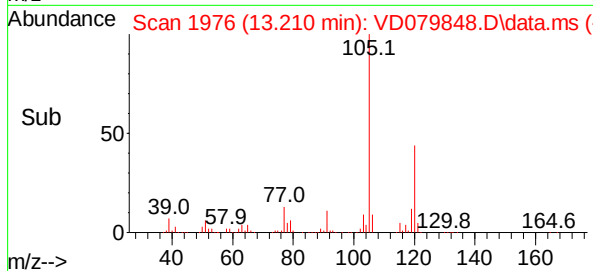
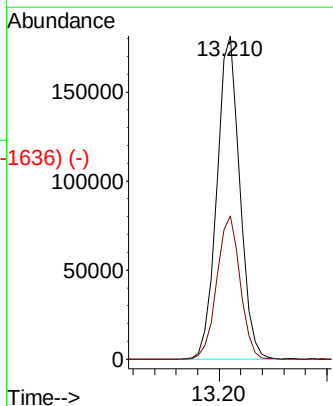
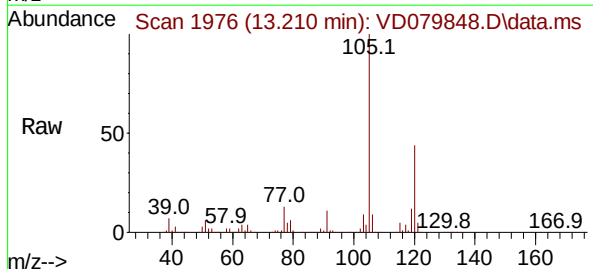


Abundance Scan 1976 (13.210 min): VD079840.D\data.ms (-1633) (-)

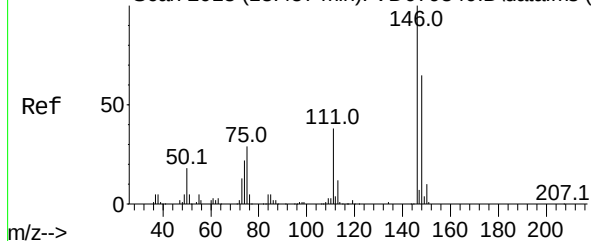


1,2,4-Trimethylbenzene
Concen: 23.478 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.3	54.5



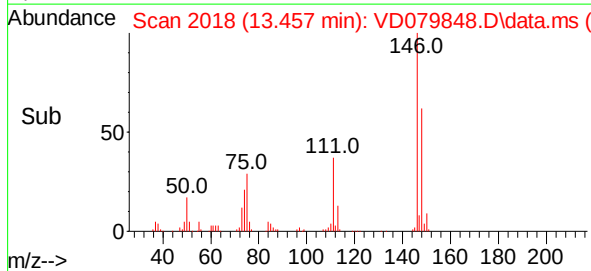
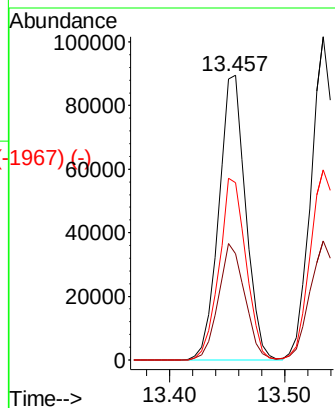
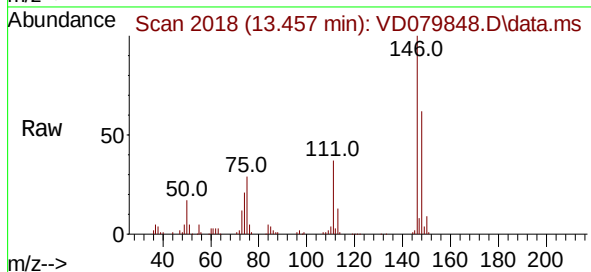
Abundance Scan 2018 (13.457 min): VD079840.D\data.ms (-2064) (-)



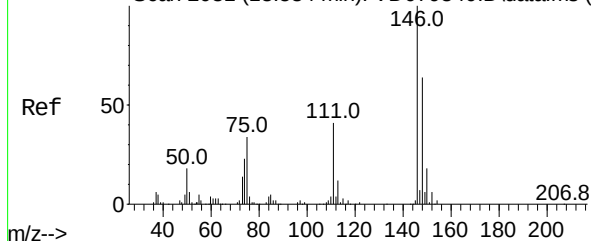
1,3-Dichlorobenzene
Concen: 23.439 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	146	Resp:	145074
Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.4	50.8
148	62.2	45.6	84.8

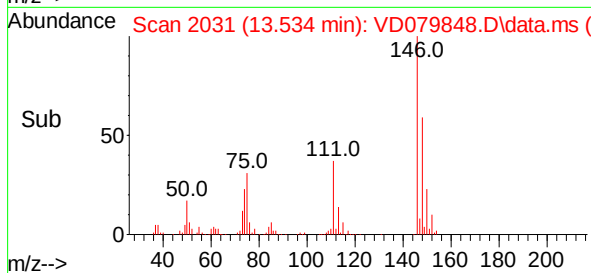
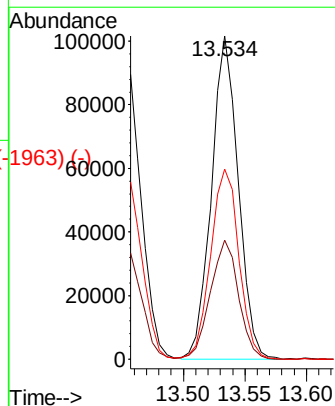
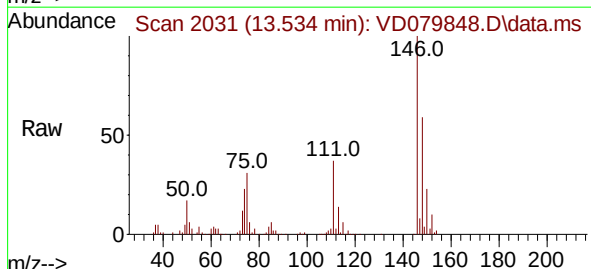


Abundance Scan 2031 (13.534 min): VD079840.D\data.ms (-2065) (-)

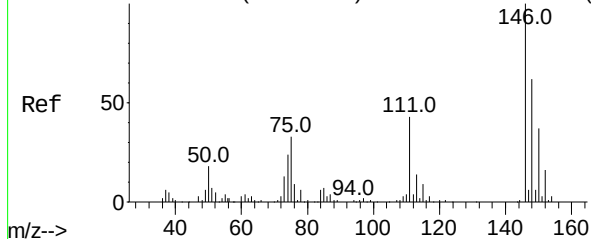


1,4-Dichlorobenzene
Concen: 23.688 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	146	Resp:	153782
Ion	Ratio	Lower	Upper
146	100		
111	36.8	27.6	51.4
148	58.9	46.1	85.7



Abundance Scan 2081 (13.828 min): VD079840.D\data.ms (-2013) (-)



1,2-Dichlorobenzene

Concen: 23.758 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

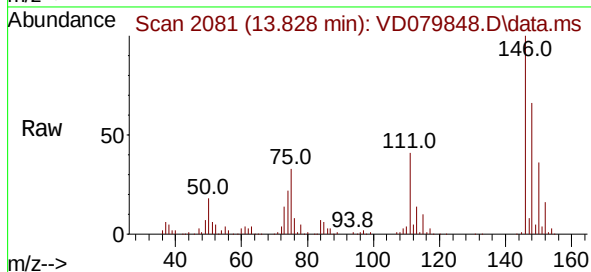
Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

Instrument :

MSVOA_D

ClientSampleId :



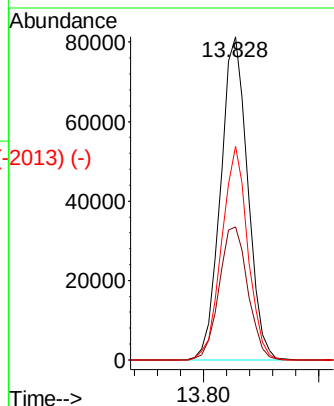
Tgt Ion:146 Resp: 132907

Ion Ratio Lower Upper

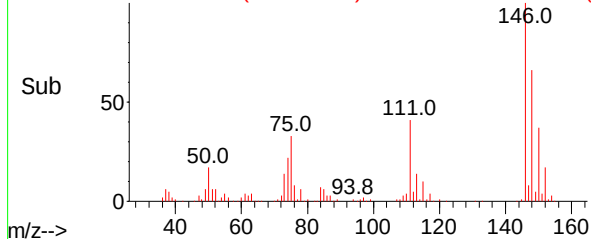
146 100

111 41.2 36.9 55.3

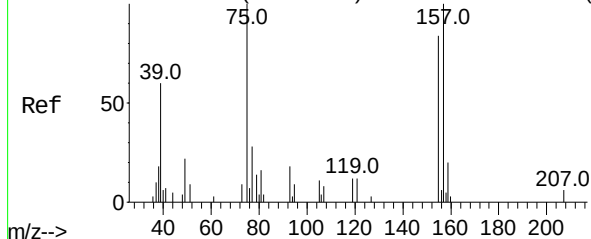
148 66.1 51.8 77.8



Abundance Scan 2081 (13.828 min): VD079848.D\data.ms (-2013) (-)



Abundance Scan 2186 (14.445 min): VD079840.D\data.ms (-2168) (-)



1,2-Dibromo-3-chloropropane

Concen: 22.577 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079848.D

Acq: 16 Sep 2024 17:48

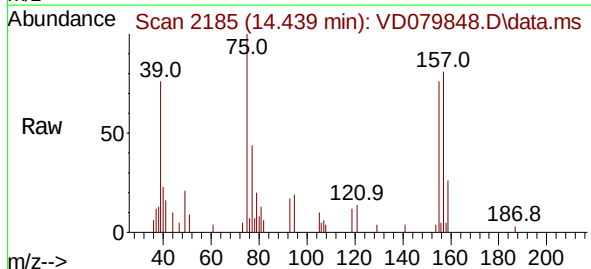
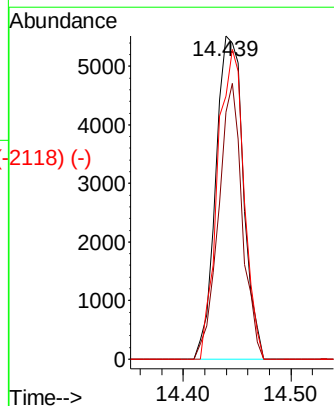
Tgt Ion: 75 Resp: 9850

Ion Ratio Lower Upper

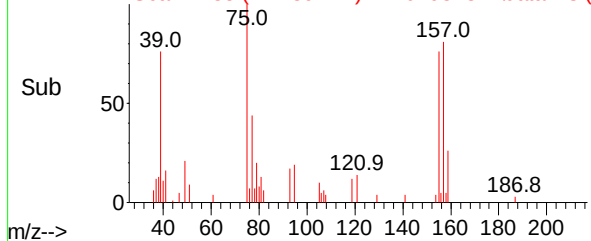
75 100

155 76.5 57.2 85.8

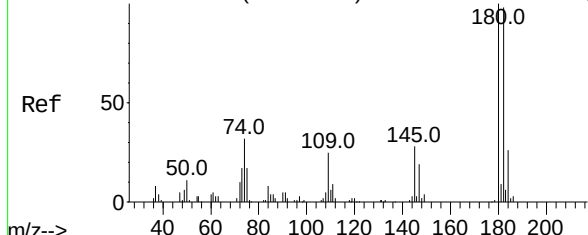
157 81.5 59.7 89.5



Abundance Scan 2185 (14.439 min): VD079848.D\data.ms (-2118) (-)

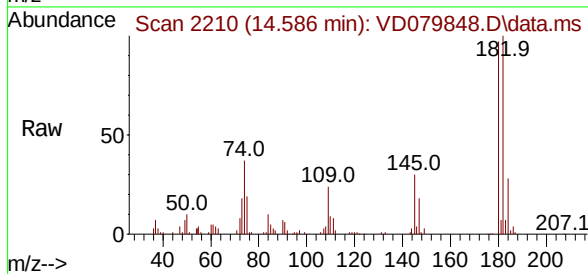


Abundance Scan 2211 (14.592 min): VD079840.D\data.ms (-2269) (-)

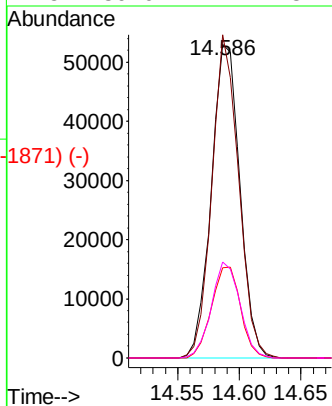
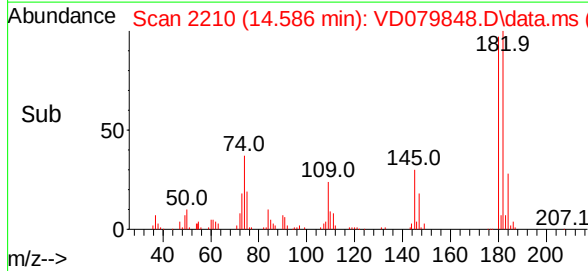


1,3,5-Trichlorobenzene
Concen: 22.765 ug/L
RT: 14.586 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

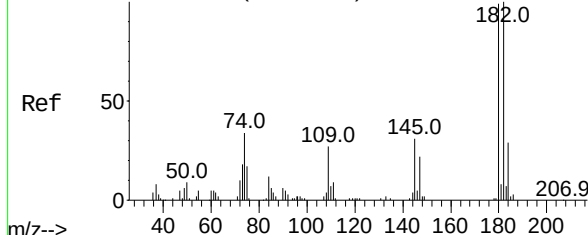
Instrument :
MSVOA_D
ClientSampleId :



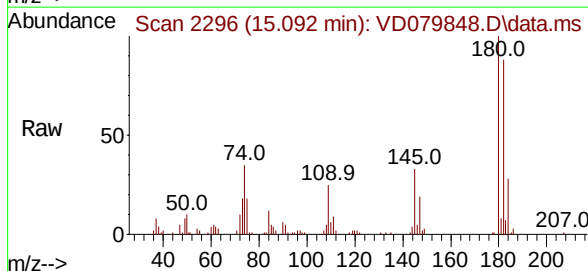
Tgt Ion:	180	Resp:	85436
Ion	Ratio	Lower	Upper
180	100		
182	96.2	72.6	109.0
184	29.5	24.2	36.2
145	30.6	24.7	37.1



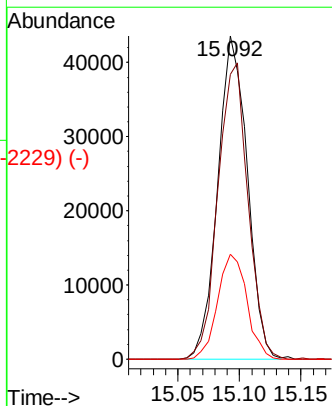
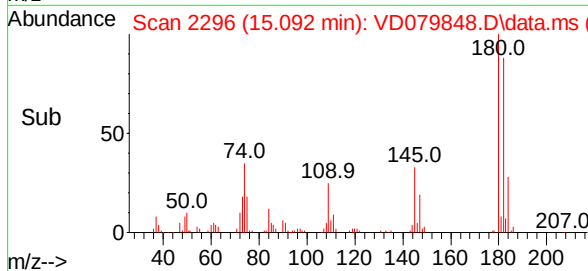
Abundance Scan 2297 (15.098 min): VD079840.D\data.ms (-2270) (-)

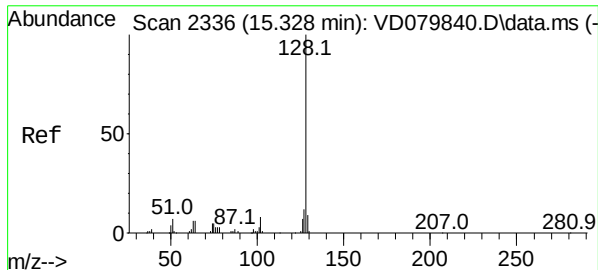


1,2,4-trichlorobenzene
Concen: 23.008 ug/L
RT: 15.092 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48



Tgt Ion:	180	Resp:	72701
Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.9	113.9
145	32.1	26.6	40.0

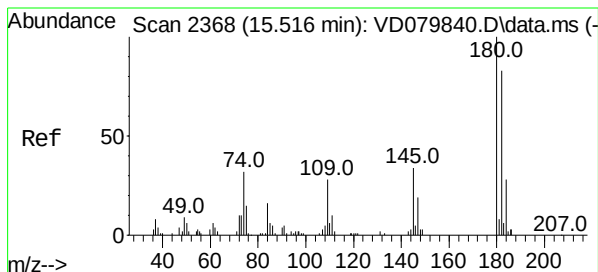
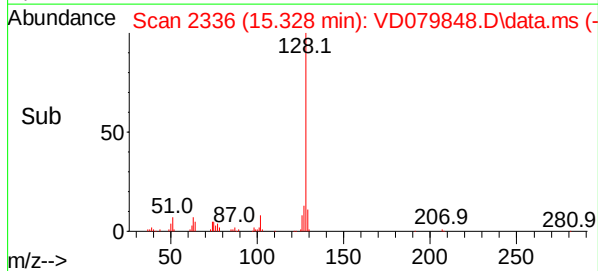
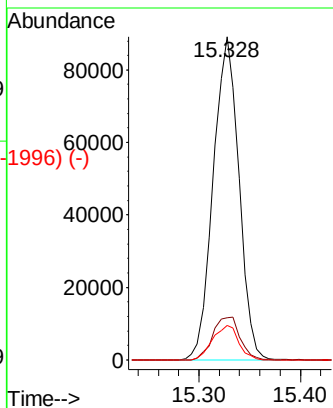
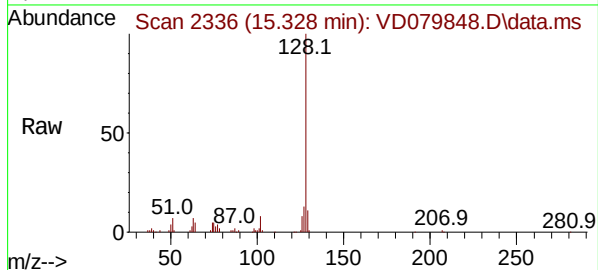




Naphthalene
Concen: 22.212 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	156759
Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.2	16.8
129	10.7	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 23.529 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079848.D
Acq: 16 Sep 2024 17:48

Tgt Ion:	180	Resp:	66504
Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.1	111.1
145	33.8	26.4	39.6

