

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075936.D
 Acq On : 01 May 2023 13:32
 Operator : KP/SY
 Sample : 02548-27
 Misc : 5.23G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

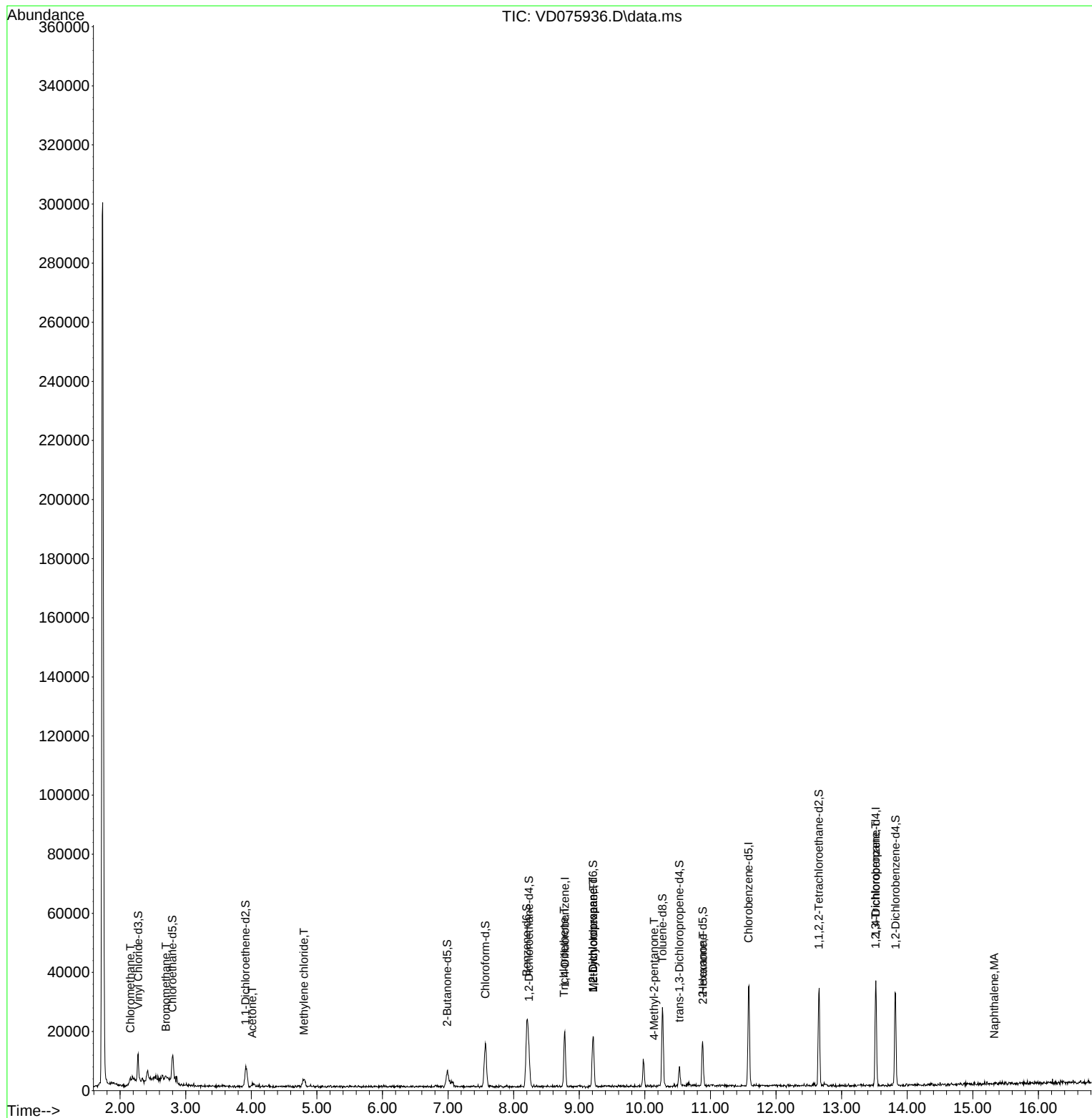
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	19678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	23066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	11415	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	8876	20.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.240%
7) Chloroethane-d5	2.799	69	9518	25.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.080%
11) 1,1-Dichloroethene-d2	3.910	65	1245	12.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.040%
21) 2-Butanone-d5	6.987	46	8874	236.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	473.580%#
24) Chloroform-d	7.569	84	16141	32.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.200%
26) 1,2-Dichloroethane-d4	8.234	65	9816	46.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	186.840%#
32) Benzene-d6	8.198	84	25068	18.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	9.210	67	10534	28.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.240%
41) Toluene-d8	10.269	98	20677	16.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.720%
43) trans-1,3-Dichloroprop...	10.528	79	3840	24.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.881	63	5718	127.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	255.240%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	17392	61.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	244.320%#
66) 1,2-Dichlorobenzene-d4	13.822	152	10665	26.414	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	503	1.330	ug/L #	54
6) Bromomethane	2.699	94	540	1.626	ug/L	93
13) Acetone	4.016	43	890	27.751	ug/L	63
16) Methylene chloride	4.805	84	1510	3.783	ug/L	84
34) Trichloroethene	8.769	95	177	0.491	ug/L #	2
35) Methylcyclohexane	9.216	83	1057	1.900	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	765	2.387	ug/L #	85
40) 4-Methyl-2-pentanone	10.140	43	113	0.967	ug/L #	1
48) 2-Hexanone	10.887	43	884	10.731	ug/L #	55
61) 1,2,3-Trichloropropane	13.516	75	1305	7.278	ug/L #	37
71) Naphthalene	15.327	128	337	0.458	ug/L #	69

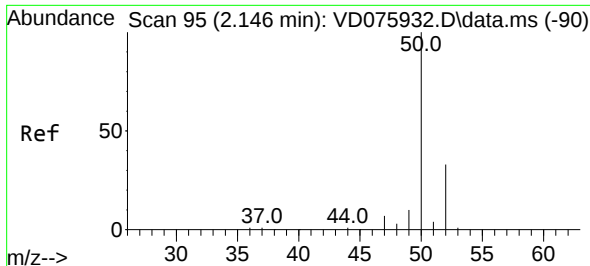
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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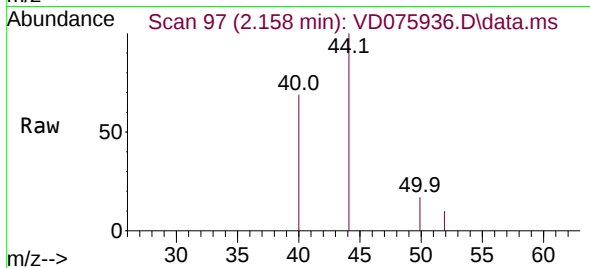
Quant Time: May 02 02:33:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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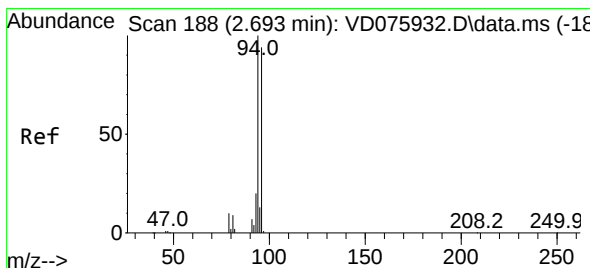
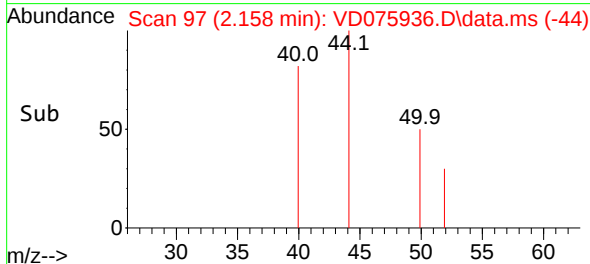
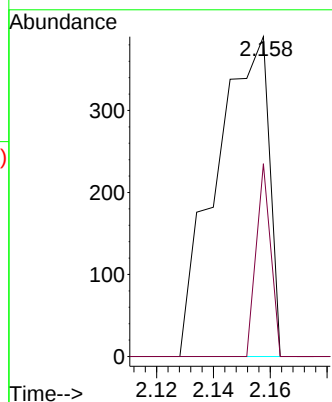


#3
Chloromethane
Concen: 1.330 ug/L
RT: 2.158 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

Instrument :
MSVOA_D
ClientSampleId :

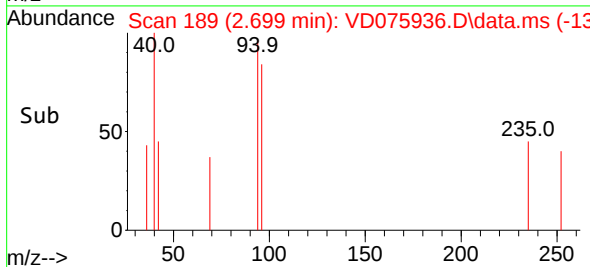
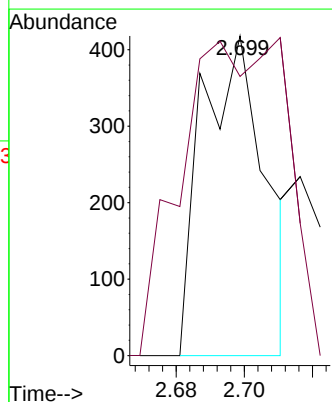
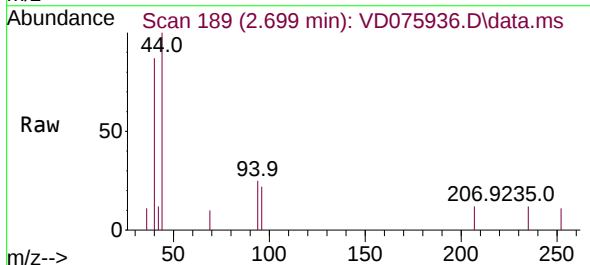


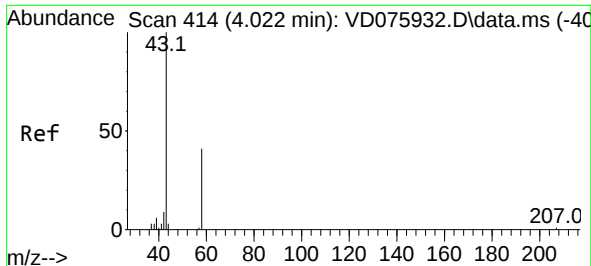
Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 60.3 23.7 44.1#



#6
Bromomethane
Concen: 1.626 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

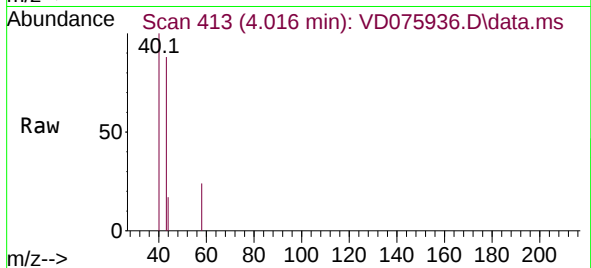
Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 87.3 65.7 121.9



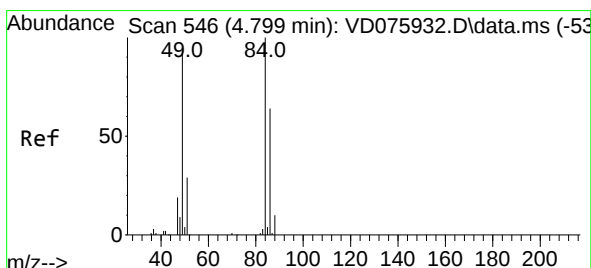
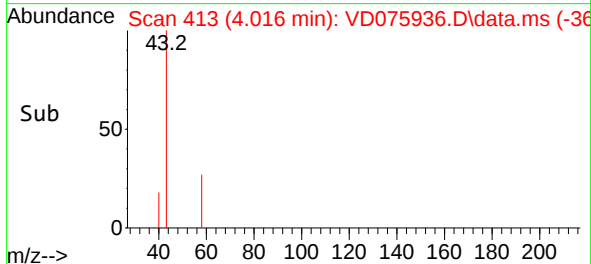
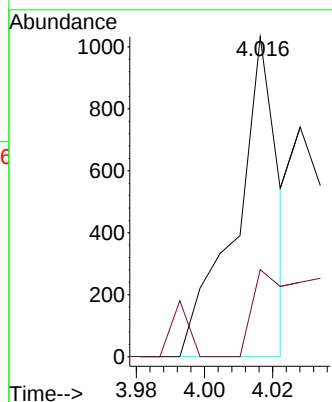


#13
Acetone
Concen: 27.751 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

Instrument :
MSVOA_D
ClientSampleId :

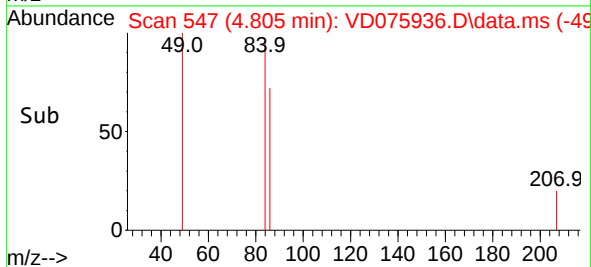
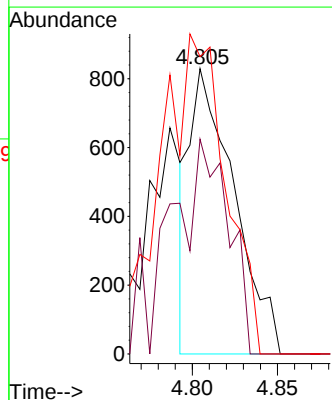
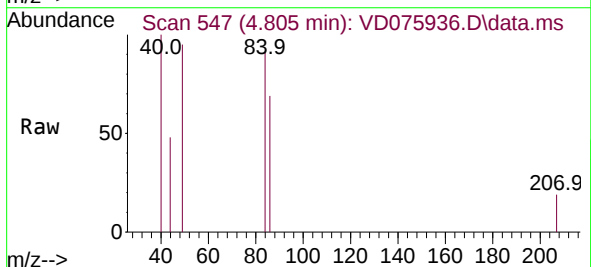


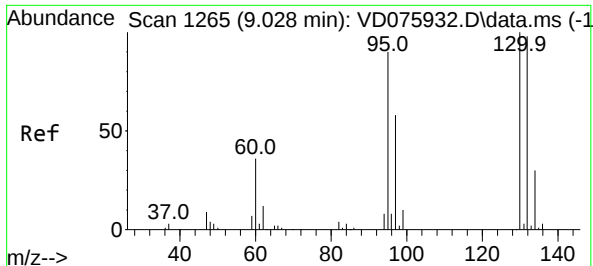
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 20.1 0.0 87.4



#16
Methylene chloride
Concen: 3.783 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

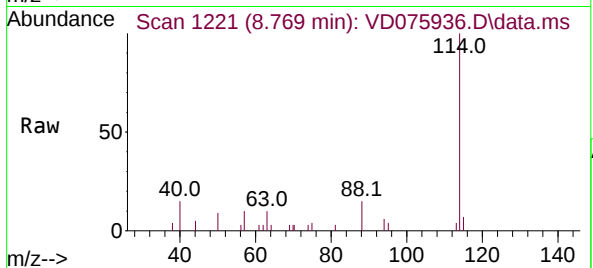
Tgt Ion: 84 Resp: 1510
Ion Ratio Lower Upper
84 100
86 75.3 45.8 85.2
49 104.2 60.8 112.8





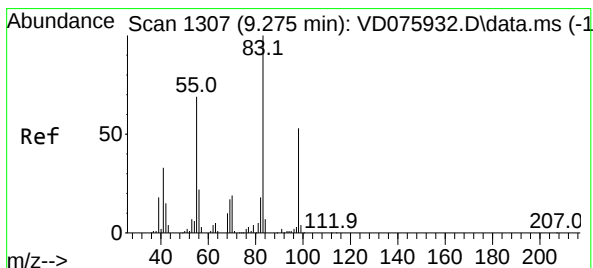
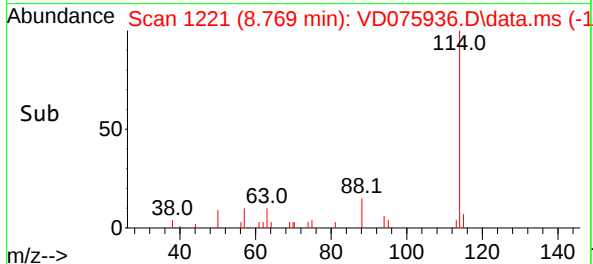
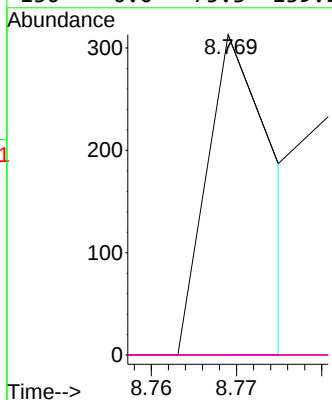
#34
 Trichloroethene
 Concen: 0.491 ug/L
 RT: 8.769 min Scan# 1177
 Delta R.T. -0.259 min
 Lab File: VD075936.D
 Acq: 01 May 2023 13:32

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 177

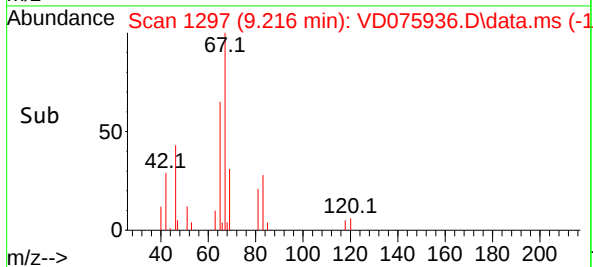
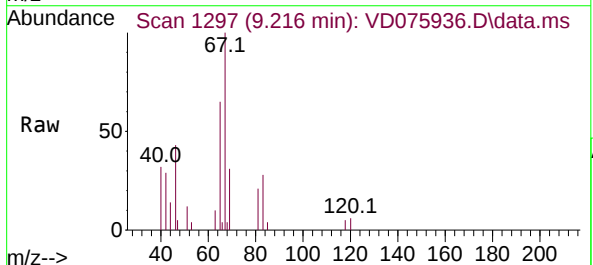
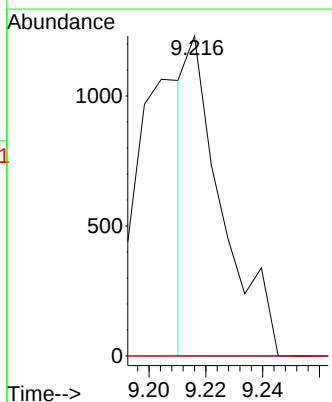
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

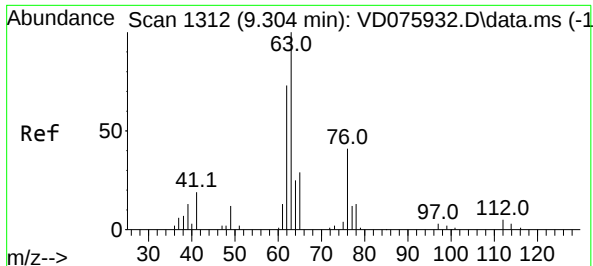


#35
 Methylcyclohexane
 Concen: 1.900 ug/L
 RT: 9.216 min Scan# 1297
 Delta R.T. -0.059 min
 Lab File: VD075936.D
 Acq: 01 May 2023 13:32

Tgt Ion: 83 Resp: 1057

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#





#37

1,2-Dichloropropane

Concen: 2.387 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD075936.D

Acq: 01 May 2023 13:32

Instrument :

MSVOA_D

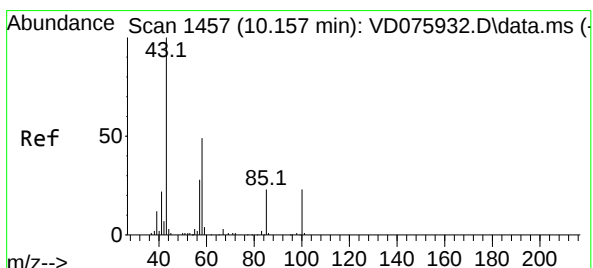
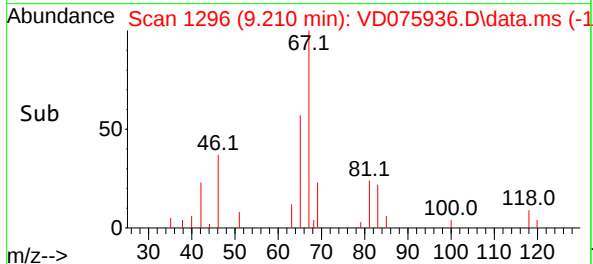
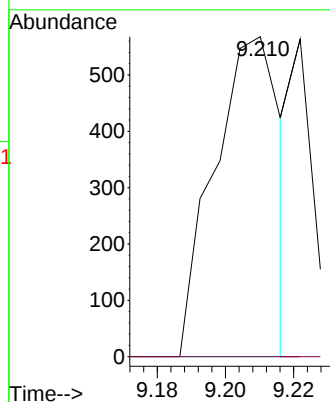
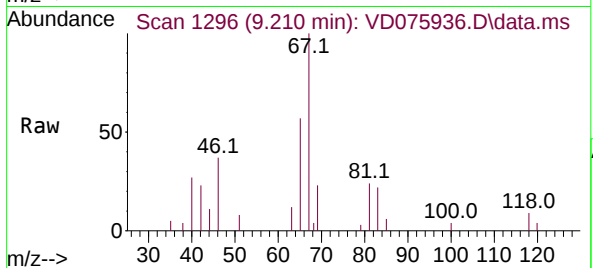
ClientSampleId :

Tgt Ion: 63 Resp: 765

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#40

4-Methyl-2-pentanone

Concen: 0.967 ug/L

RT: 10.140 min Scan# 1454

Delta R.T. -0.018 min

Lab File: VD075936.D

Acq: 01 May 2023 13:32

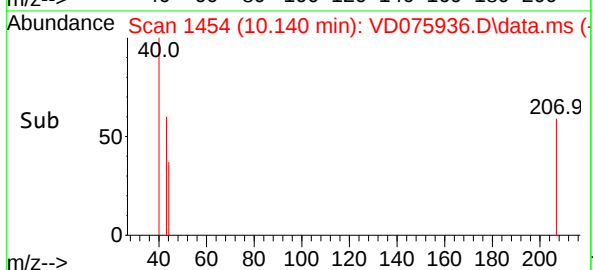
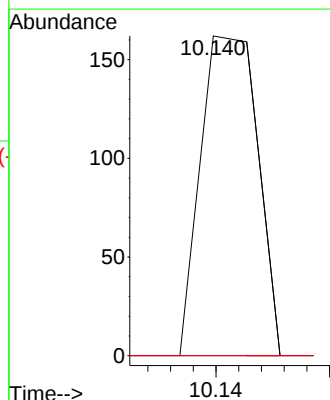
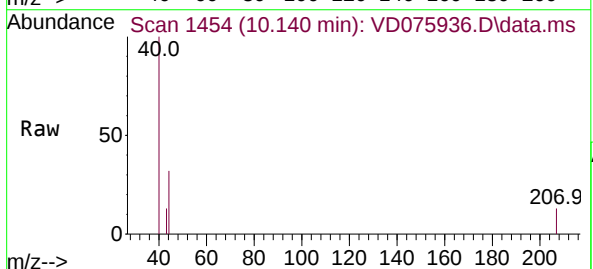
Tgt Ion: 43 Resp: 113

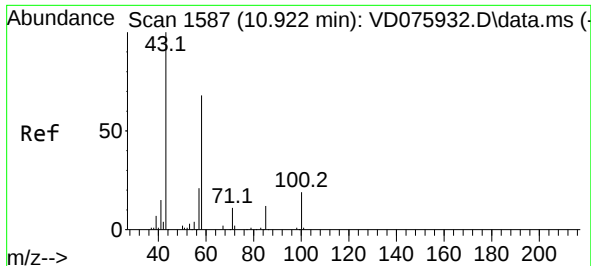
Ion Ratio Lower Upper

43 100

58 0.0 39.1 58.7#

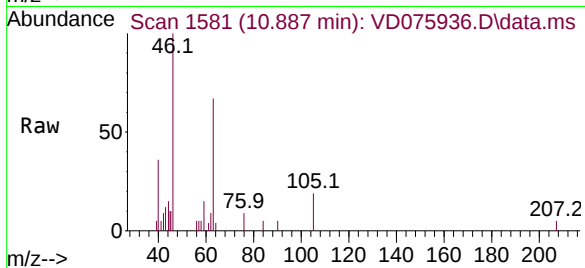
100 11979.6 19.4 29.0#



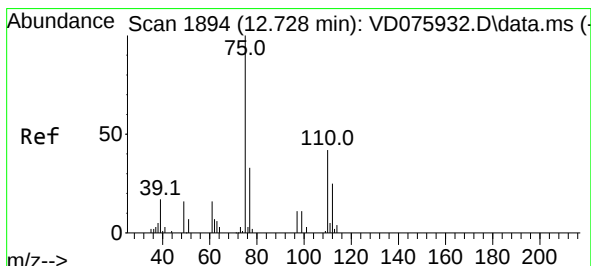
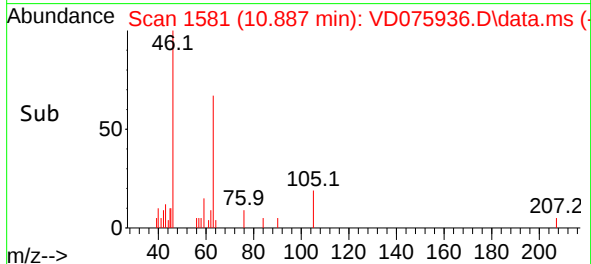
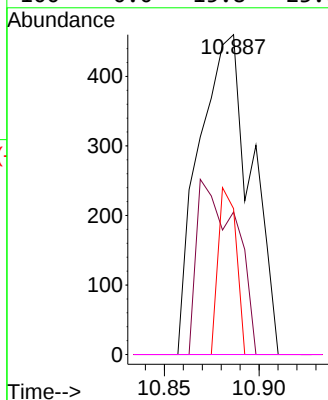


#48
2-Hexanone
Concen: 10.731 ug/L
RT: 10.887 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

Instrument :
MSVOA_D
ClientSampleId :

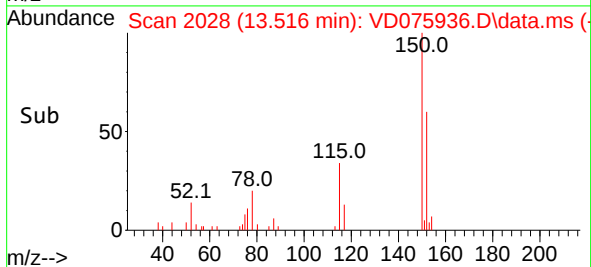
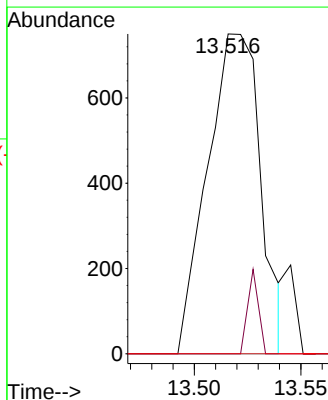
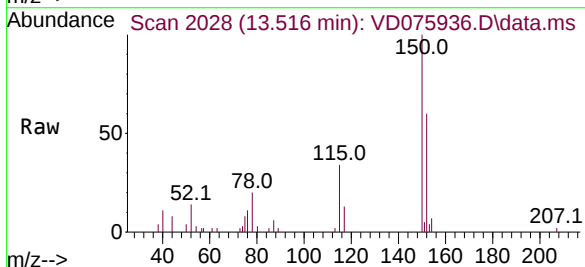


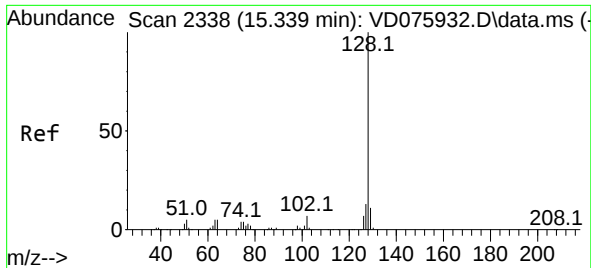
Tgt Ion:	43	Resp:	884
Ion	Ratio	Lower	Upper
43	100		
58	26.4	59.7	89.5#
57	18.0	17.9	26.9
100	0.0	15.8	23.6#



#61
1,2,3-Trichloropropane
Concen: 7.278 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

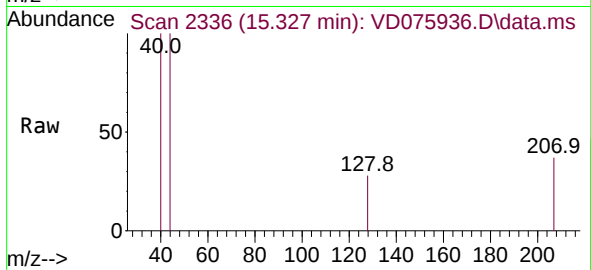
Tgt Ion:	75	Resp:	1305
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.6	39.8#
110	0.0	33.5	50.3#





#71
Naphthalene
Concen: 0.458 ug/L
RT: 15.327 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD075936.D
Acq: 01 May 2023 13:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 337
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.1 13.7#

