

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075941.D
 Acq On : 01 May 2023 15:59
 Operator : KP/SY
 Sample : 02564-03
 Misc : 5.77G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:34:15 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)

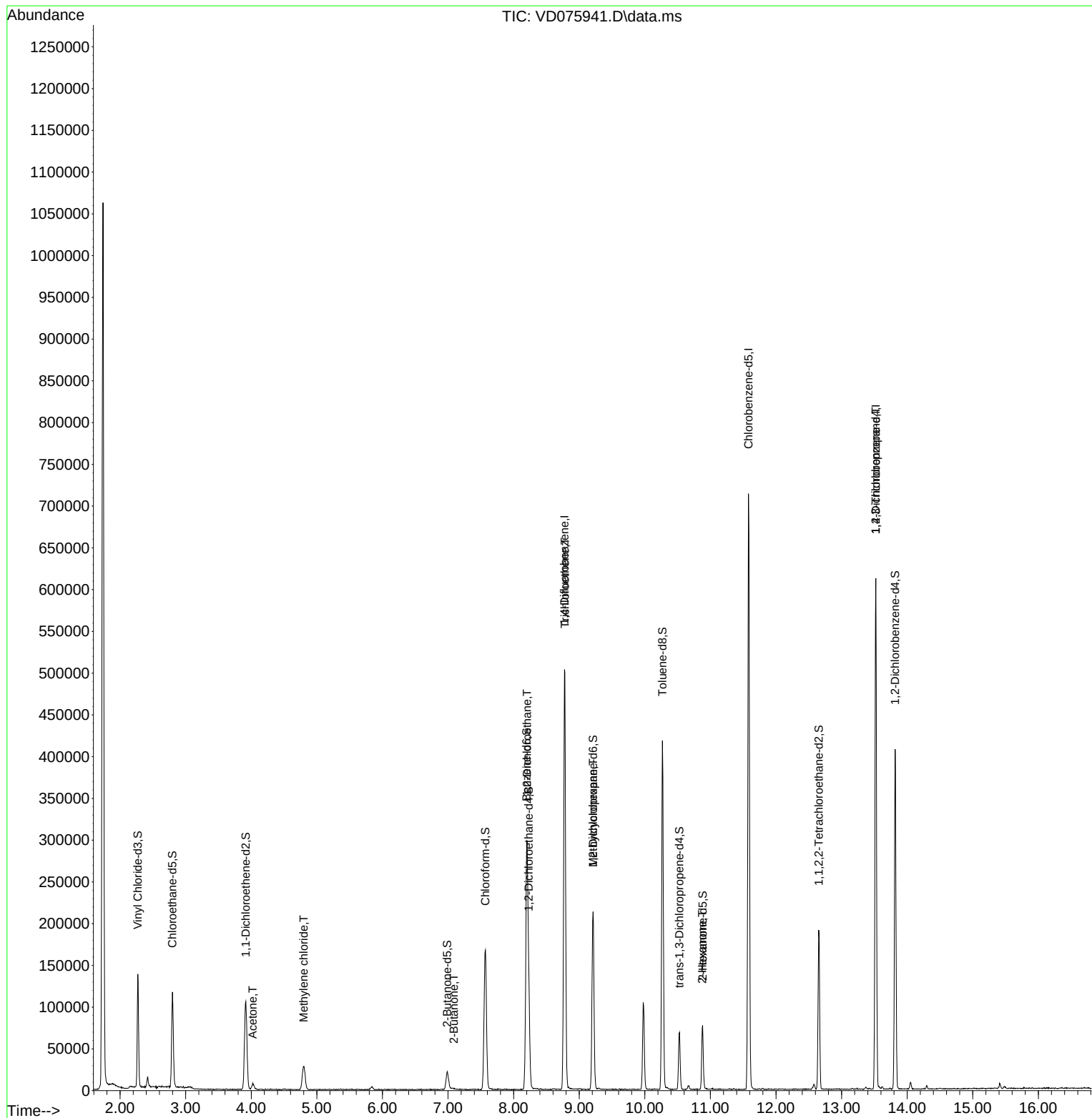
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	495418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	453327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	182046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	125452	11.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.160%
7) Chloroethane-d5	2.799	69	120558	12.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.360%
11) 1,1-Dichloroethene-d2	3.917	65	30141	12.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.120%
21) 2-Butanone-d5	6.987	46	35278	37.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.780%
24) Chloroform-d	7.569	84	187723	15.153	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.600%
26) 1,2-Dichloroethane-d4	8.228	65	81842	15.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.880%#
32) Benzene-d6	8.199	84	343539	13.002	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	52.000%
36) 1,2-Dichloropropane-d6	9.210	67	115436	15.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	63.120%#
41) Toluene-d8	10.269	98	306829	12.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.600%
43) trans-1,3-Dichloroprop...	10.528	79	41476	13.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.880%
47) 2-Hexanone-d5	10.881	63	26632	30.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102394	18.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	116933	18.160	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.640%#
Target Compounds					Qvalue	
13) Acetone	4.023	43	11104	13.753	ug/L	91
16) Methylene chloride	4.799	84	25425	2.530	ug/L	91
22) 2-Butanone	7.087	43	1705	1.620	ug/L #	57
27) 1,2-Dichloroethane	8.205	62	1632	0.264	ug/L #	68
34) Trichloroethene	8.781	95	12849	1.812	ug/L #	2
35) Methylcyclohexane	9.210	83	27146	2.483	ug/L #	24
48) 2-Hexanone	10.875	43	2913	1.799	ug/L #	69
61) 1,2,3-Trichloropropane	13.522	75	18970	6.633	ug/L #	63

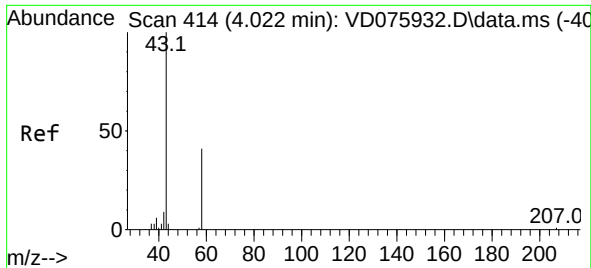
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration

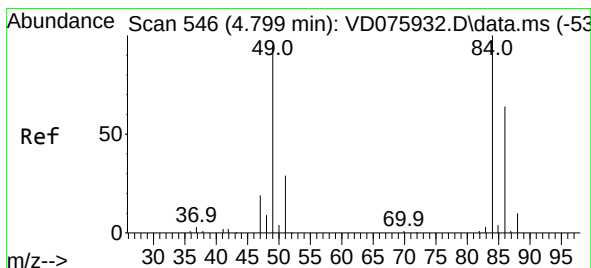
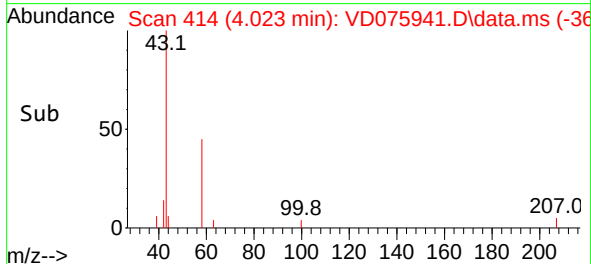
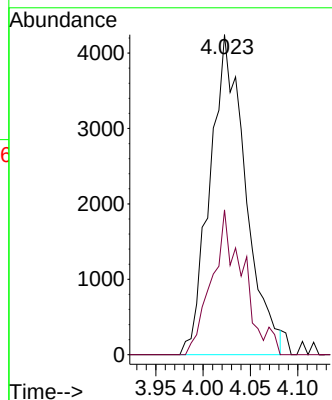
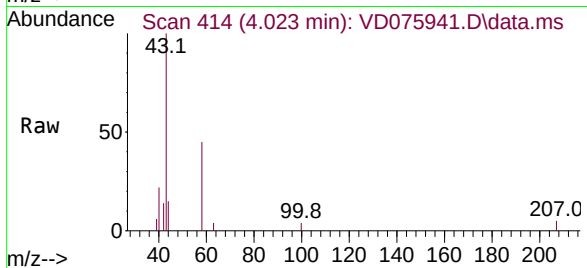




#13
Acetone
Concen: 13.753 ug/L
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

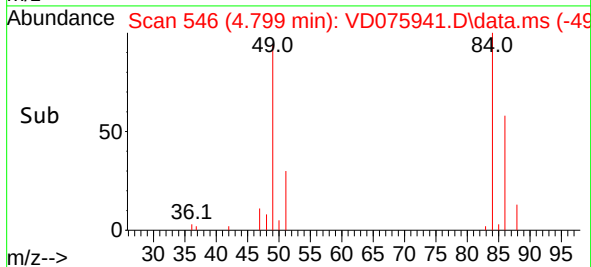
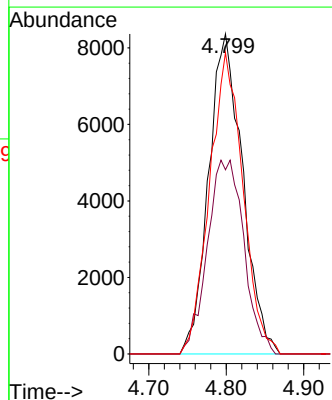
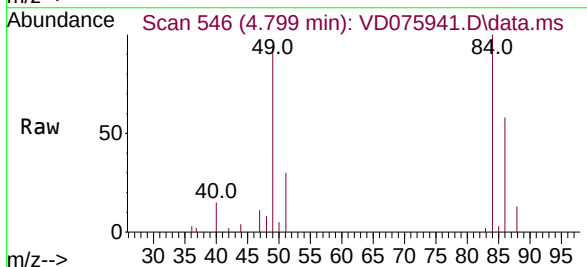
Instrument :
MSVOA_D
ClientSampleId :

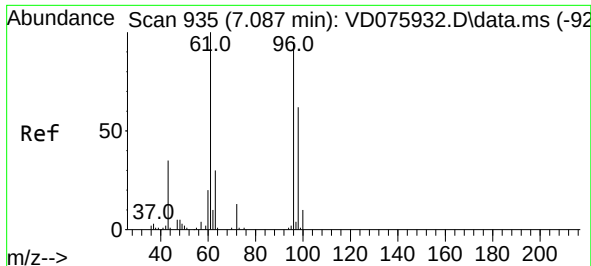
Tgt Ion: 43 Resp: 11104
Ion Ratio Lower Upper
43 100
58 38.0 0.0 87.4



#16
Methylene chloride
Concen: 2.530 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

Tgt Ion: 84 Resp: 25425
Ion Ratio Lower Upper
84 100
86 57.5 45.8 85.2
49 94.1 60.8 112.8

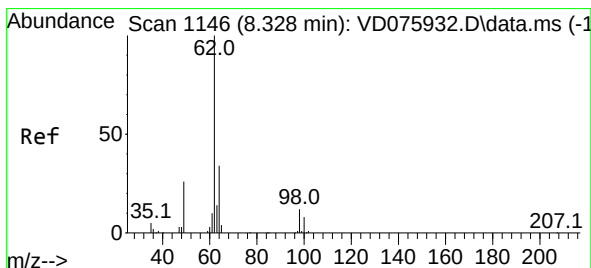
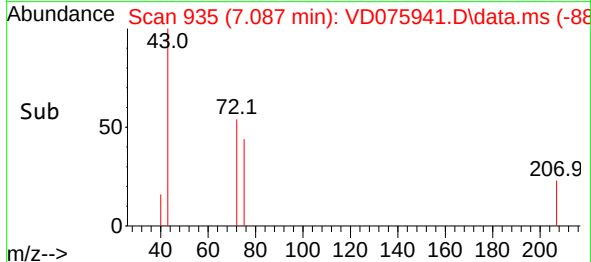
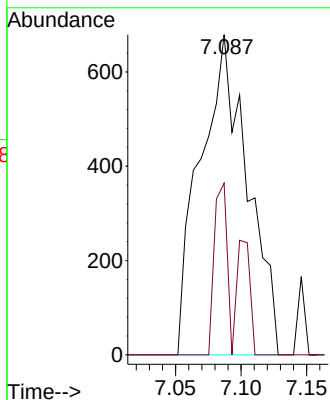
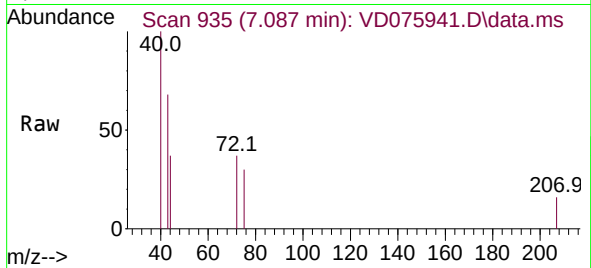




#22
2-Butanone
Concen: 1.620 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

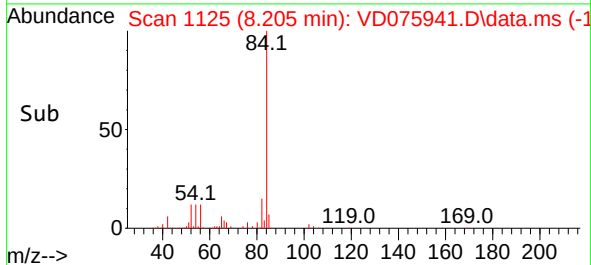
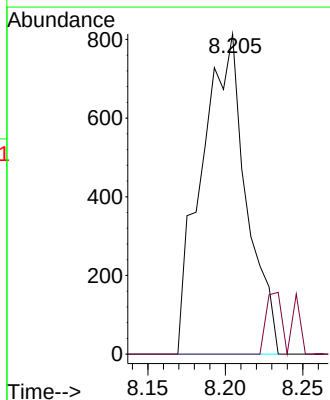
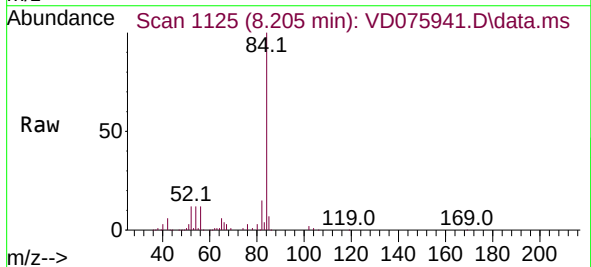
Instrument :
MSVOA_D
ClientSampleId :

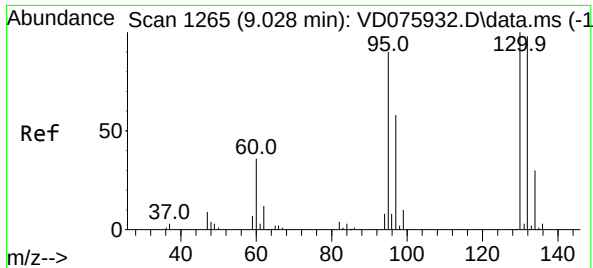
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
72 14.4 20.5 61.5#



#27
1,2-Dichloroethane
Concen: 0.264 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

Tgt Ion: 62 Resp: 1632
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



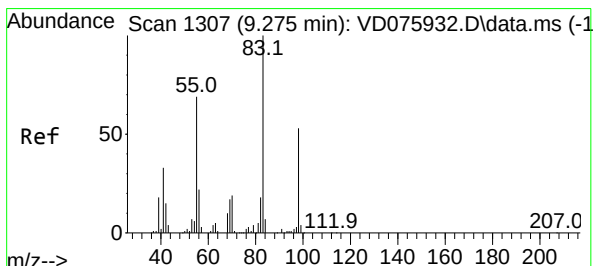
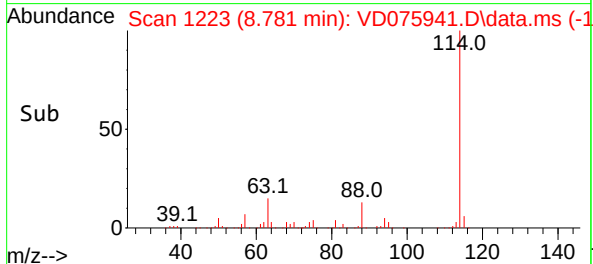
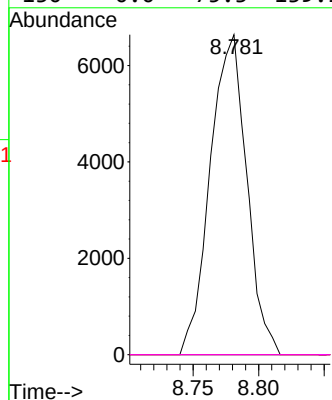
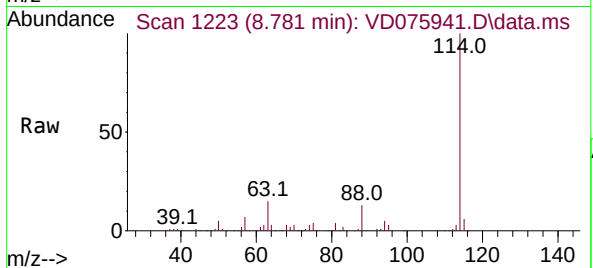


#34
 Trichloroethene
 Concen: 1.812 ug/L
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.247 min
 Lab File: VD075941.D
 Acq: 01 May 2023 15:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 95 Resp: 12849

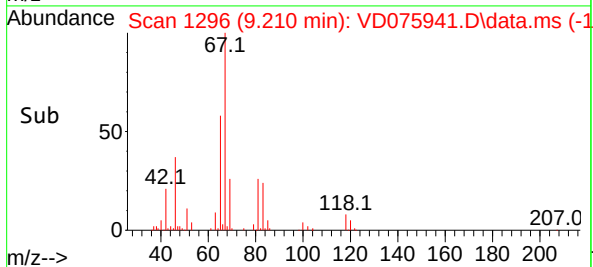
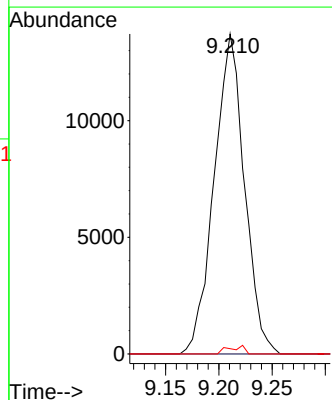
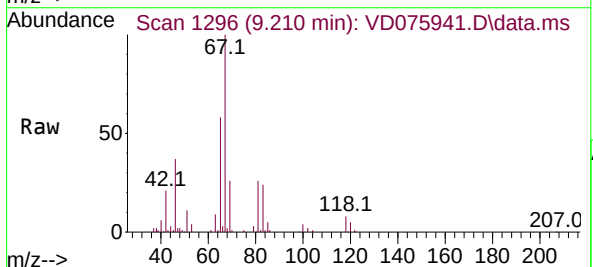
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

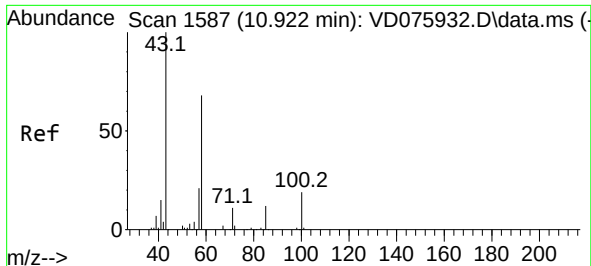


#35
 Methylcyclohexane
 Concen: 2.483 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD075941.D
 Acq: 01 May 2023 15:59

Tgt Ion: 83 Resp: 27146

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.9	40.8	61.2#

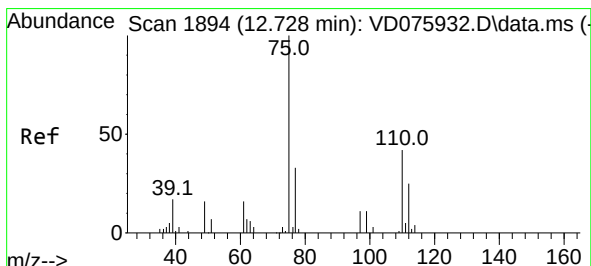
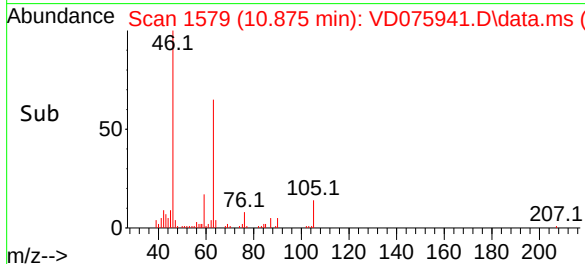
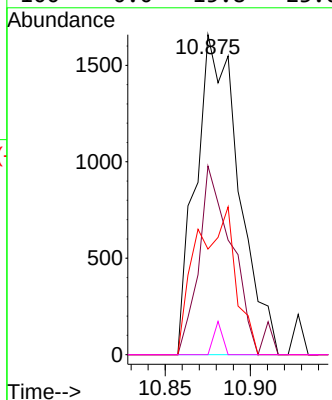
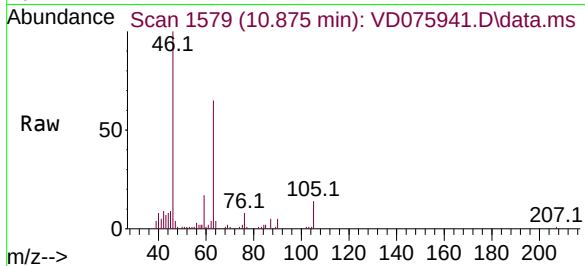




#48
2-Hexanone
Concen: 1.799 ug/L
RT: 10.875 min Scan# 1
Delta R.T. -0.047 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 2913
Ion Ratio	Lower Upper
43 100	
58 44.3	59.7 89.5#
57 19.5	17.9 26.9
100 0.0	15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 6.633 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD075941.D
Acq: 01 May 2023 15:59

Tgt Ion: 75	Resp: 18970
Ion Ratio	Lower Upper
75 100	
77 32.8	26.6 39.8
110 0.4	33.5 50.3#

