

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006965.D
 Acq On : 06 Dec 2021 16:57
 Operator : SY/MD
 Sample : M4887-10
 Misc : 5.03g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:48:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

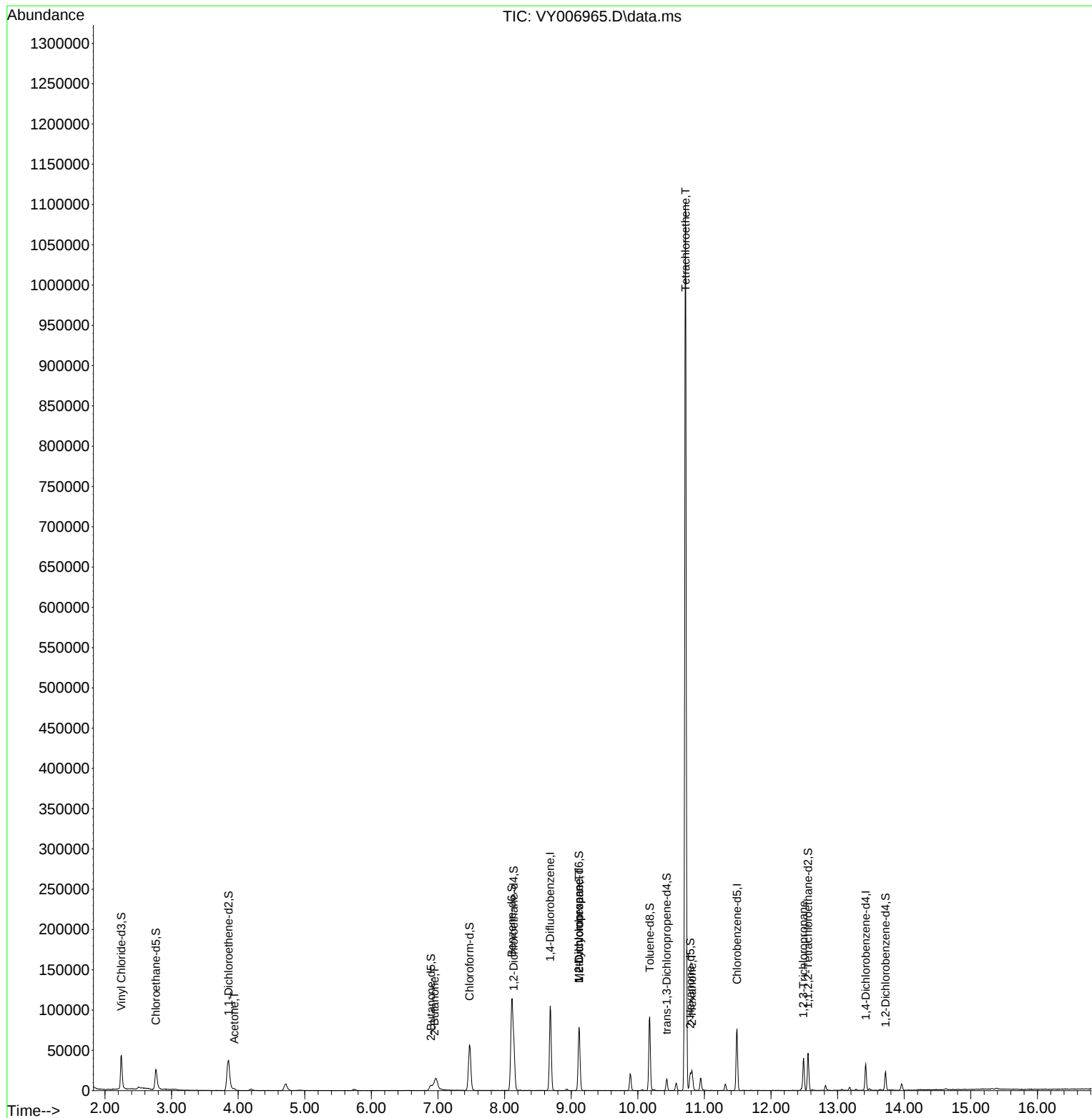
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	82104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	37103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	7499	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	44881	42.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 169.760%#	
7) Chloroethane-d5	2.765	69	30359	36.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.400%	
11) 1,1-Dichloroethene-d2	3.857	63	42535	19.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.400%	
21) 2-Butanone-d5	6.893	46	10248	25.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 50.180%	
24) Chloroform-d	7.472	84	56772	27.746	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.000%	
26) 1,2-Dichloroethane-d4	8.136	65	37487	30.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.080%	
32) Benzene-d6	8.106	84	101094	51.294	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 205.160%#	
36) 1,2-Dichloropropane-d6	9.118	67	35836	57.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 231.480%#	
41) Toluene-d8	10.179	98	56598	30.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 122.640%	
43) trans-1,3-Dichloroprop...	10.435	79	7074	23.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.480%	
47) 2-Hexanone-d5	10.788	63	5748	40.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.220%	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	21641	41.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 167.800%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	5149	21.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 84.240%	
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	3844	10.270	ug/L	80
22) 2-Butanone	6.948	43	16149	30.842	ug/L #	50
35) Methylcyclohexane	9.118	83	7950	7.221	ug/L #	17
37) 1,2-Dichloropropane	9.118	63	3969	6.207	ug/L #	87
46) Tetrachloroethene	10.715	164	208650	405.331	ug/L	96
48) 2-Hexanone	10.813	43	14800	40.211	ug/L #	48
61) 1,2,3-Trichloropropane	12.483	75	334	1.832	ug/L #	70

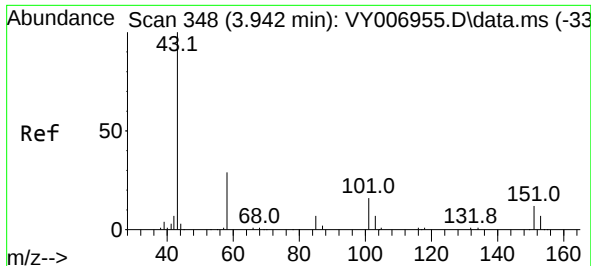
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006965.D
Acq On : 06 Dec 2021 16:57
Operator : SY/MD
Sample : M4887-10
Misc : 5.03g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 07 00:48:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration

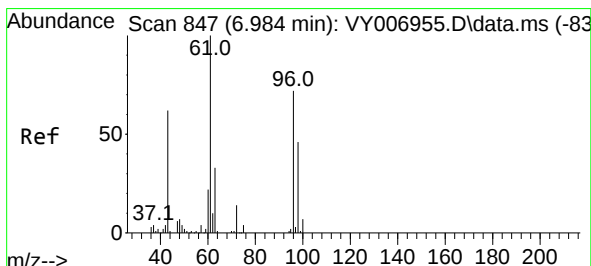
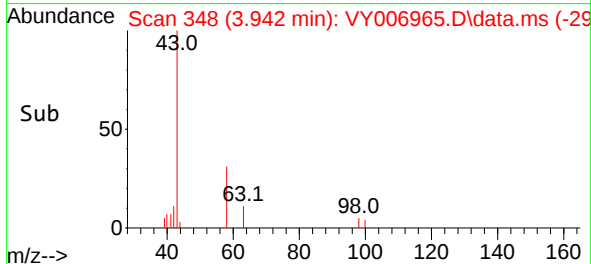
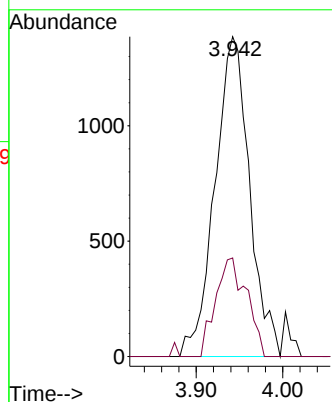
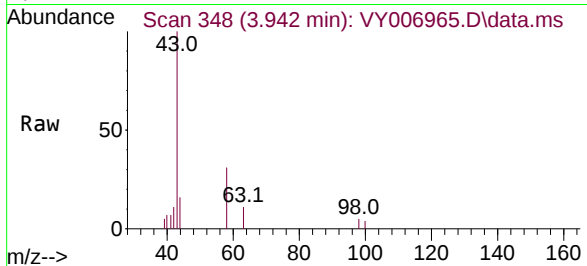




#13
Acetone
Concen: 10.270 ug/L
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

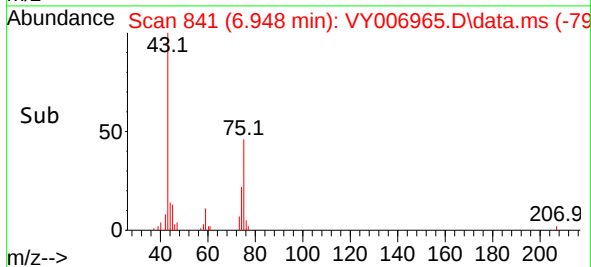
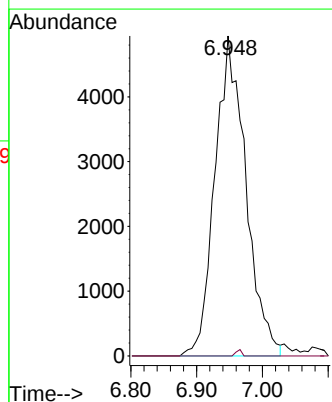
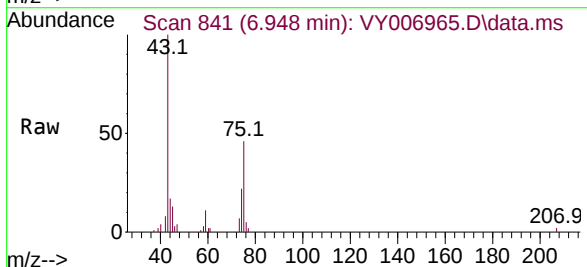
Instrument :
MSVOA_Y
ClientSampleId :

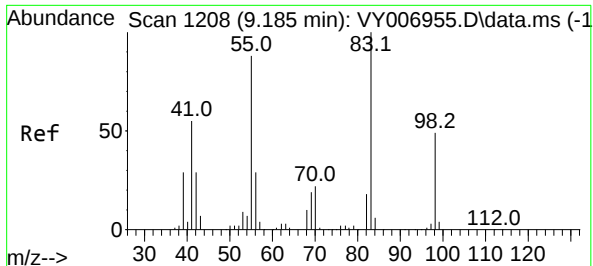
Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
58 19.5 0.0 60.8



#22
2-Butanone
Concen: 30.842 ug/L
RT: 6.948 min Scan# 841
Delta R.T. -0.037 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

Tgt Ion: 43 Resp: 16149
Ion Ratio Lower Upper
43 100
72 0.4 12.9 38.6#

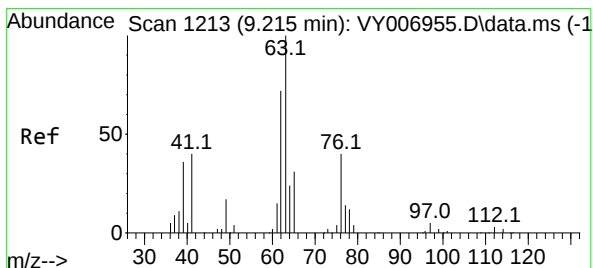
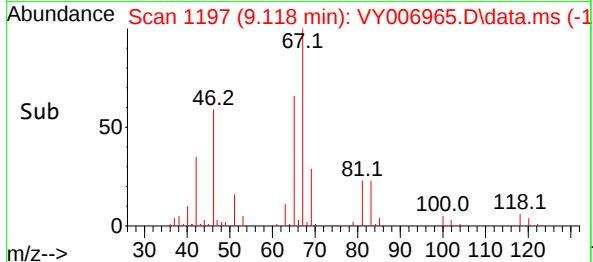
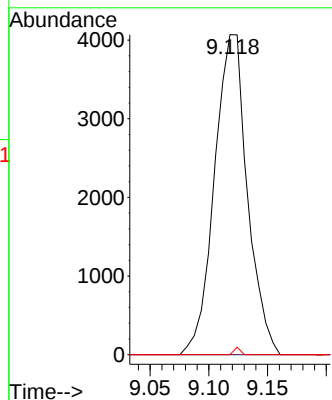
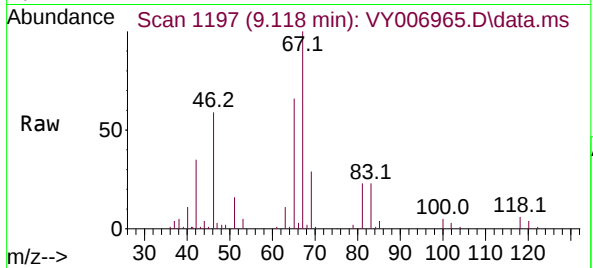




#35
Methylcyclohexane
Concen: 7.221 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.067 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

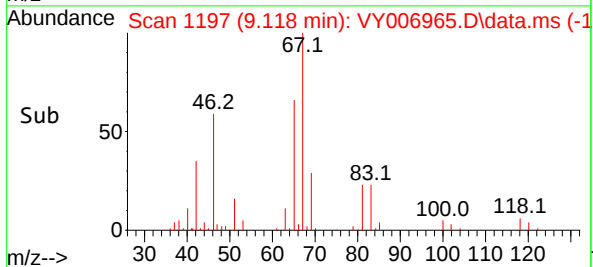
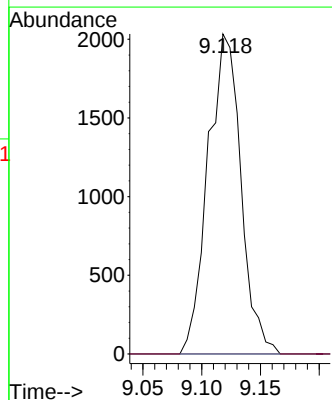
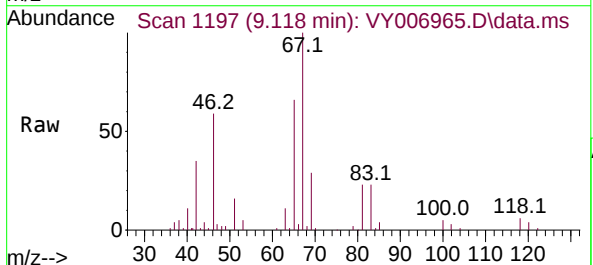
Instrument :
MSVOA_Y
ClientSampleId :

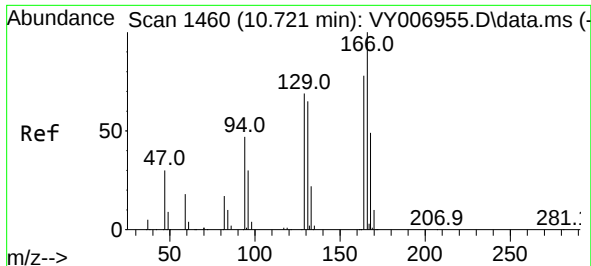
Tgt Ion: 83 Resp: 7950
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 6.207 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.097 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

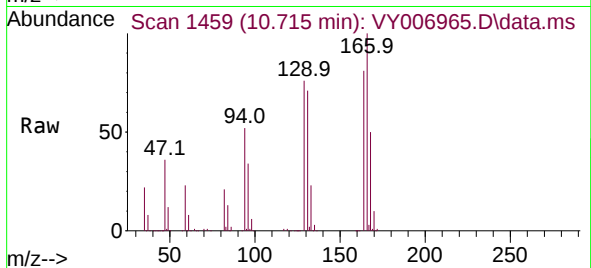
Tgt Ion: 63 Resp: 3969
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



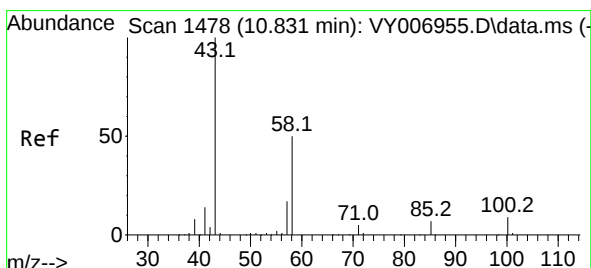
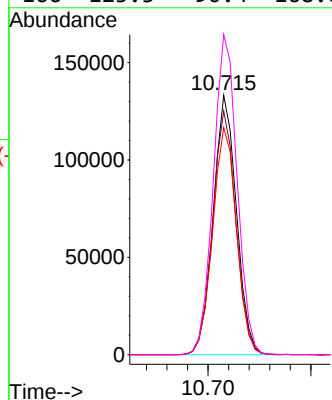
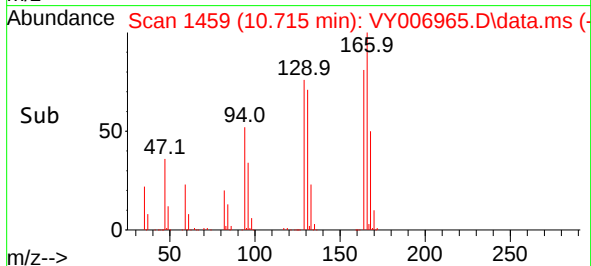


#46
Tetrachloroethene
Concen: 405.331 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

Instrument :
MSVOA_Y
ClientSampleId :

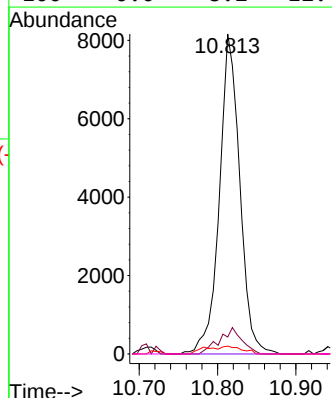
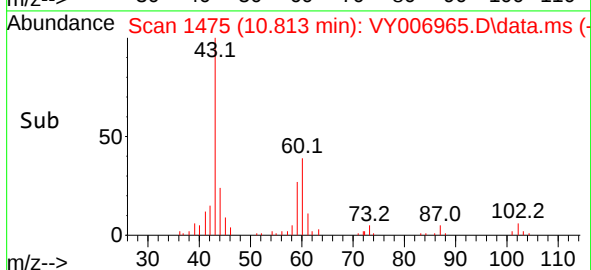
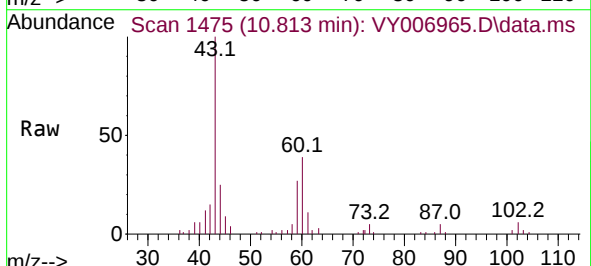


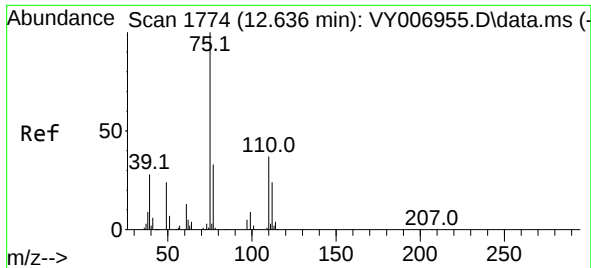
Tgt Ion:	164	Resp:	208650
Ion	Ratio	Lower	Upper
164	100		
129	93.9	62.1	115.3
131	87.5	61.0	113.2
166	123.3	90.4	168.0



#48
2-Hexanone
Concen: 40.211 ug/L
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY006965.D
Acq: 06 Dec 2021 16:57

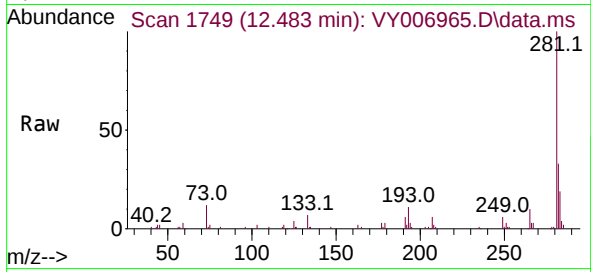
Tgt Ion:	43	Resp:	14800
Ion	Ratio	Lower	Upper
43	100		
58	7.1	39.9	59.9#
57	2.2	14.2	21.4#
100	0.0	8.2	12.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.832 ug/L
 RT: 12.483 min Scan# 11
 Delta R.T. -0.152 min
 Lab File: VY006965.D
 Acq: 06 Dec 2021 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 334
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 110 44.6 31.7 47.5

