

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
 Data File : VV022047.D
 Acq On : 31 Aug 2021 17:45
 Operator : SY/MD
 Sample : M3526-01
 Misc : 5.14g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A9

Quant Time: Sep 01 02:46:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

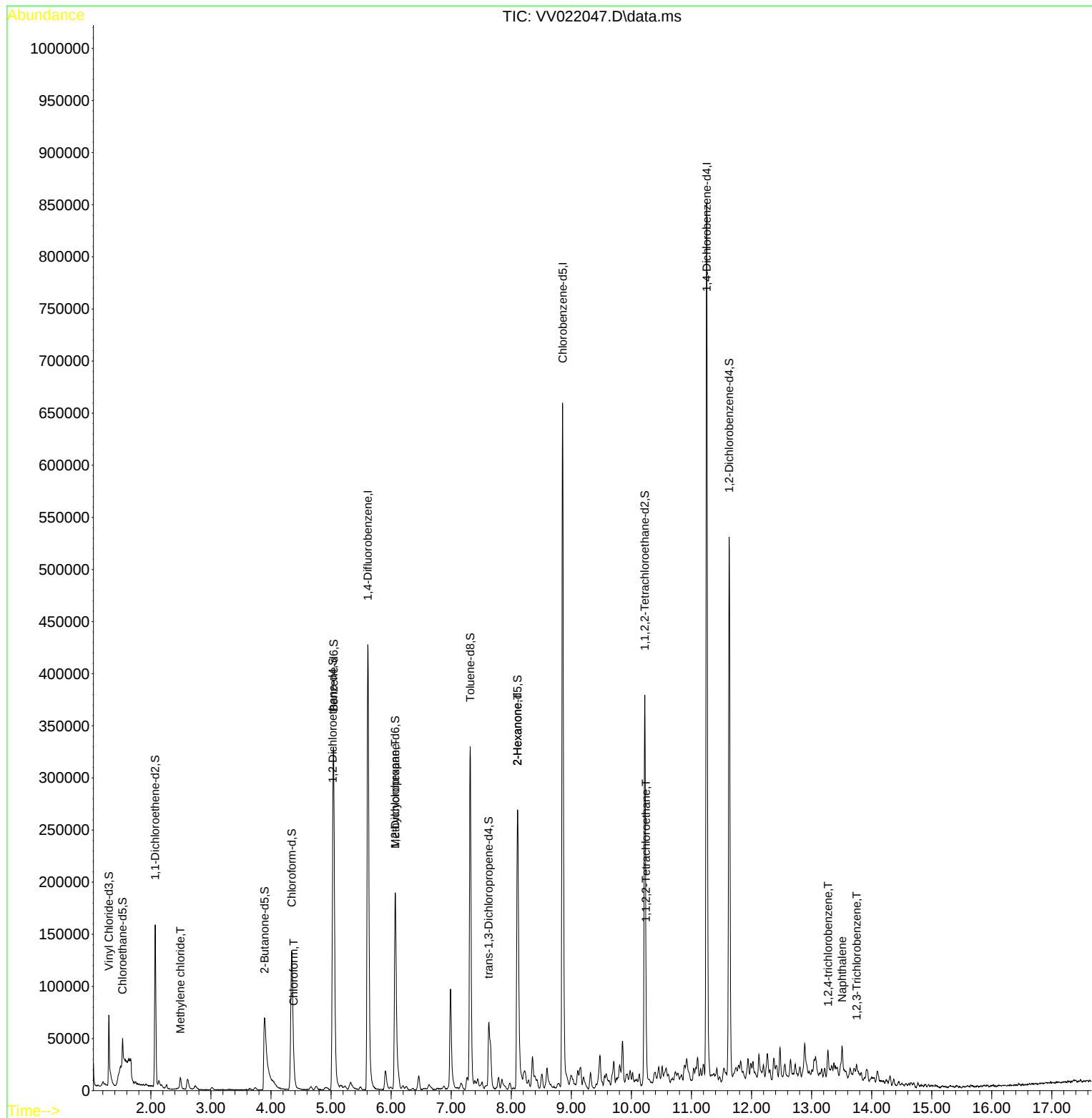
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	410605	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	400299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	231012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61259	21.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	43.080%#
7) Chloroethane-d5	1.529	69	18302	8.242	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.480%#
11) 1,1-Dichloroethene-d2	2.072	63	78586	16.711	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.420%#
21) 2-Butanone-d5	3.892	46	146018	74.877	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.880%
24) Chloroform-d	4.346	84	144612	27.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.780%#
26) 1,2-Dichloroethane-d4	5.027	65	99501	32.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.160%#
32) Benzene-d6	5.043	84	275790	25.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	50.800%#
36) 1,2-Dichloropropane-d6	6.069	67	102061	29.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	59.780%#
41) Toluene-d8	7.317	98	228911	22.335	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	44.660%#
43) trans-1,3-Dichloroprop...	7.625	79	42292	26.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.040%#
47) 2-Hexanone-d5	8.104	63	115153	87.893	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.890%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	179004	40.933	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.860%
66) 1,2-Dichlorobenzene-d4	11.628	152	135874	29.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.840%#
Target Compounds						Qvalue
16) Methylene chloride	2.494	84	4534	1.429	ug/L	99
25) Chloroform	4.378	83	9667	1.790	ug/L	95
35) Methylcyclohexane	6.069	83	29213	6.057	ug/L #	21
48) 2-Hexanone	8.104	43	13965	4.398	ug/L #	67
57) 1,1,2,2-Tetrachloroethane	10.242	83	3783	0.850	ug/L #	60
70) 1,2,4-trichlorobenzene	13.275	180	3753	0.774	ug/L #	84
71) Naphthalene	13.509	128	22600	1.621	ug/L	98
72) 1,2,3-Trichlorobenzene	13.750	180	3866	0.818	ug/L #	94

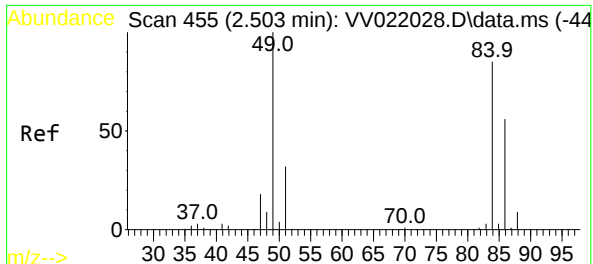
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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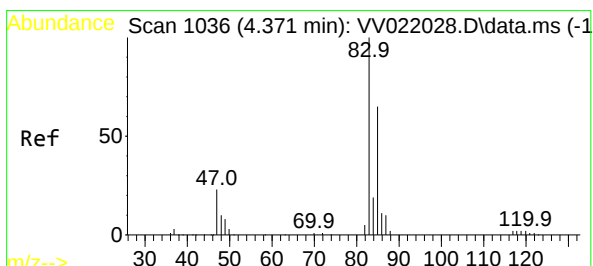
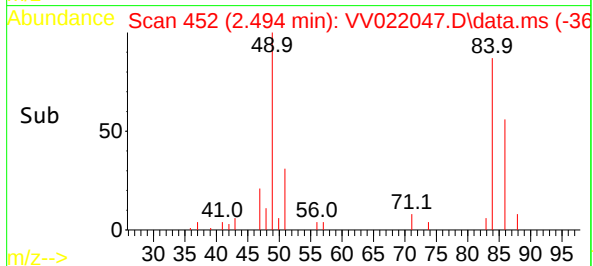
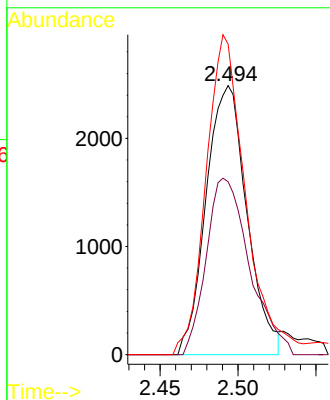
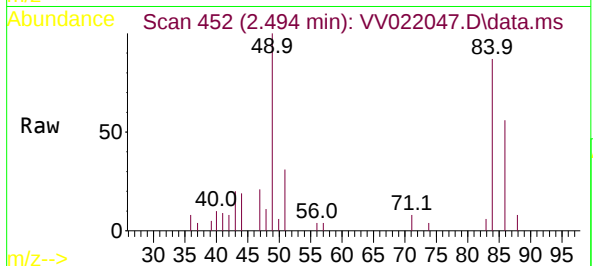




#16
Methylene chloride
Concen: 1.429 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

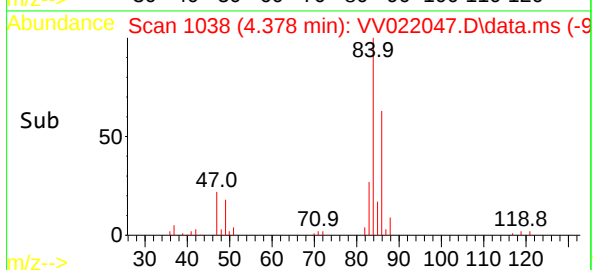
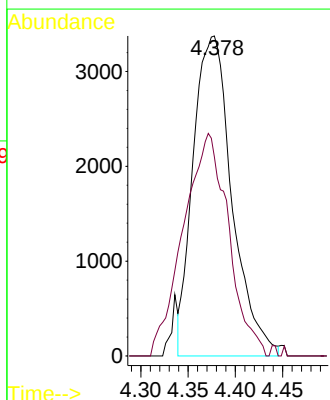
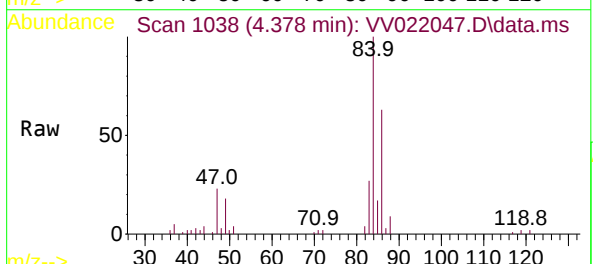
Instrument :
MSVOA_V
ClientSampleId :
EW7A9

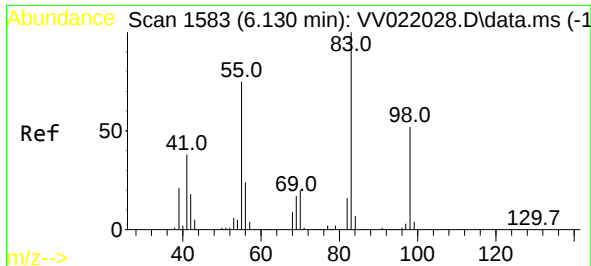
Tgt Ion: 84 Resp: 4534
Ion Ratio Lower Upper
84 100
86 64.3 44.8 83.2
49 115.4 80.2 149.0



#25
Chloroform
Concen: 1.790 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

Tgt Ion: 83 Resp: 9667
Ion Ratio Lower Upper
83 100
85 62.3 46.3 85.9

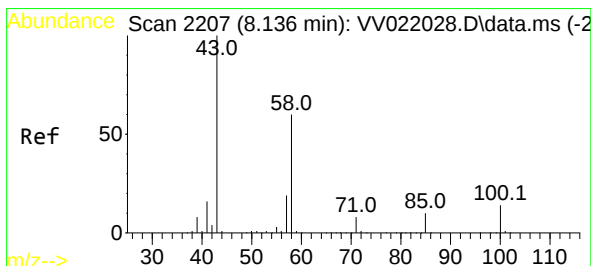
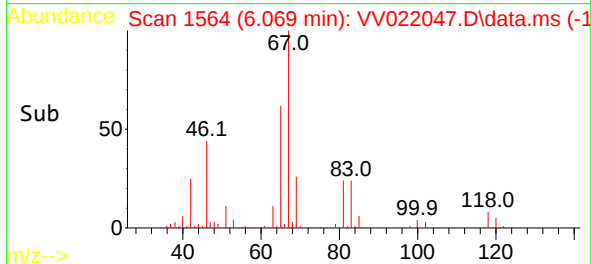
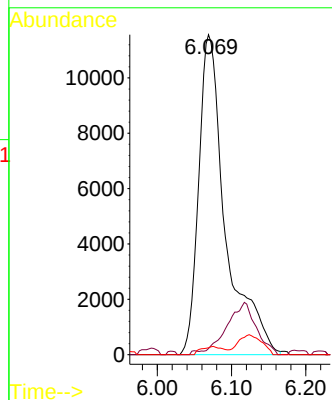
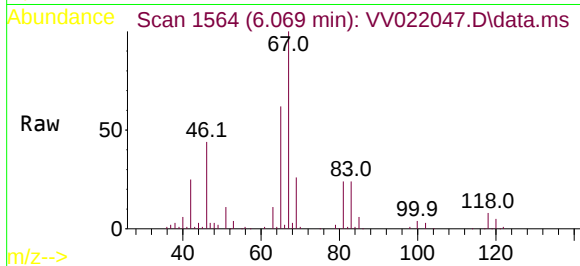




#35
Methylcyclohexane
Concen: 6.057 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

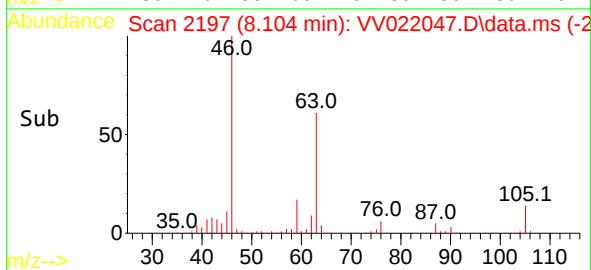
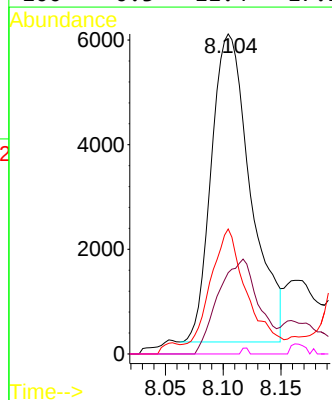
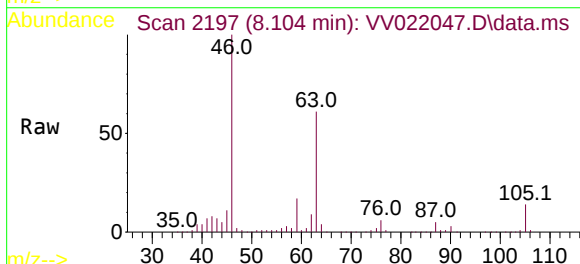
Instrument :
MSVOA_V
ClientSampleId :
EW7A9

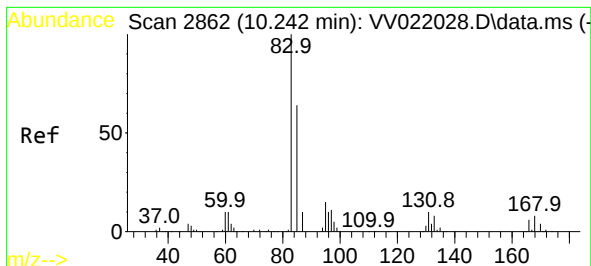
Tgt Ion: 83 Resp: 29213
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 2.1 39.9 59.9#



#48
2-Hexanone
Concen: 4.398 ug/L
RT: 8.104 min Scan# 2197
Delta R.T. -0.032 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

Tgt Ion: 43 Resp: 13965
Ion Ratio Lower Upper
43 100
58 31.9 47.5 71.3#
57 30.6 15.9 23.9#
100 0.3 11.4 17.2#

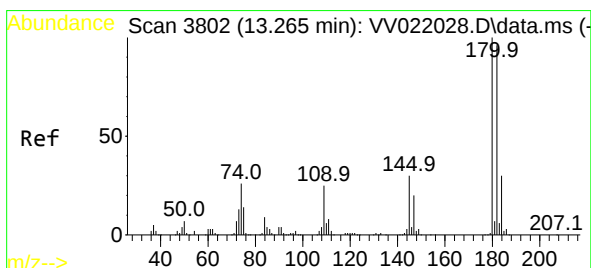
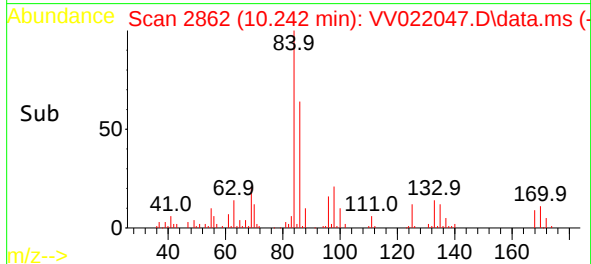
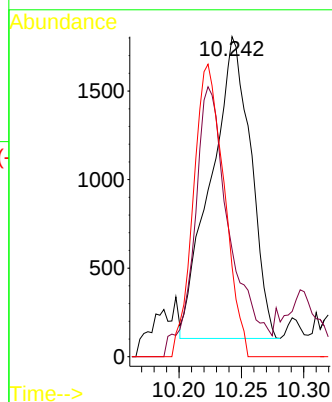
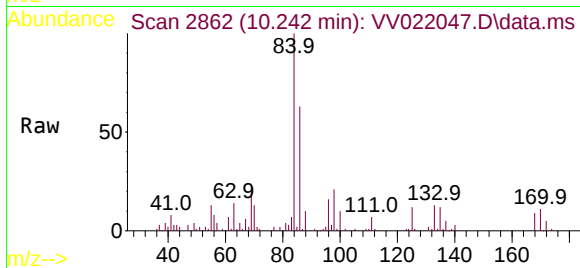




#57
1,1,2,2-Tetrachloroethane
Concen: 0.850 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

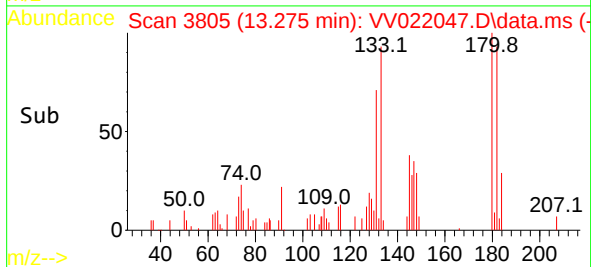
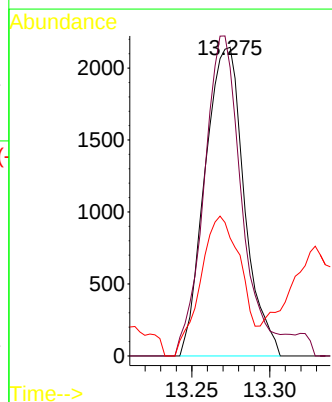
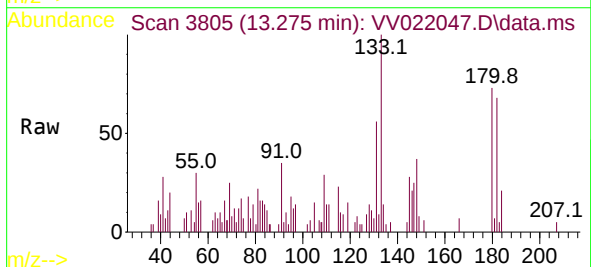
Instrument :
MSVOA_V
ClientSampled :
EW7A9

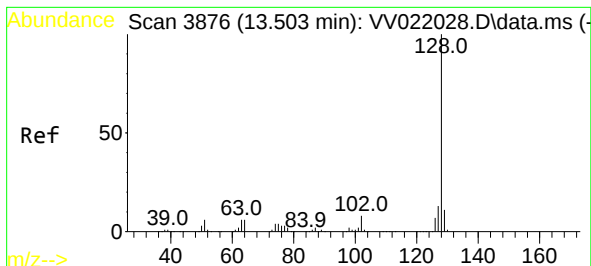
Tgt Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
85 33.6 44.7 83.1#
131 28.3 8.2 12.2#



#70
1,2,4-trichlorobenzene
Concen: 0.774 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.010 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

Tgt Ion:180 Resp: 3753
Ion Ratio Lower Upper
180 100
182 98.9 75.9 113.9
145 1.3 23.8 35.6#

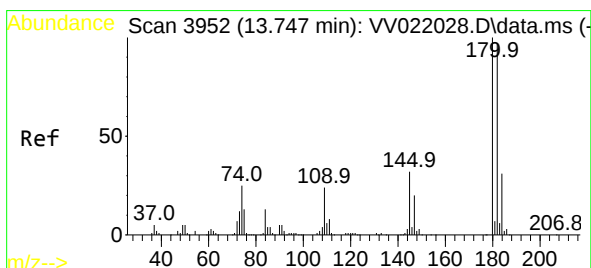
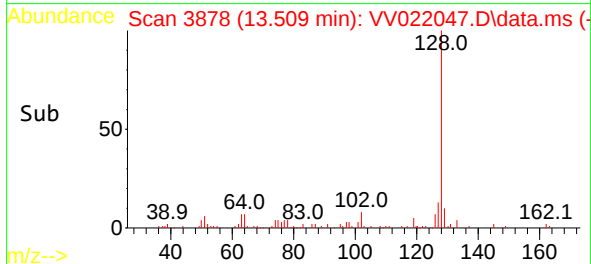
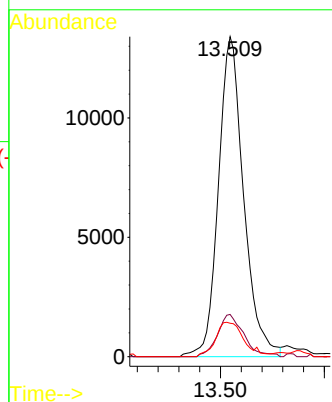
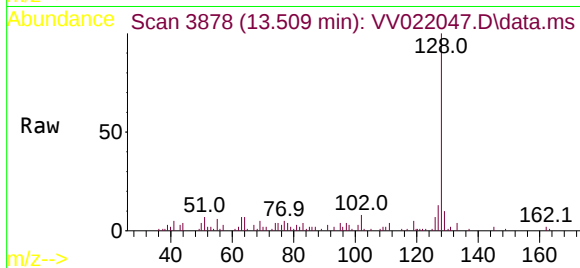




#71
Naphthalene
Concen: 1.621 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

Instrument :
MSVOA_V
ClientSampleId :
EW7A9

Tgt Ion:	128	Resp:	22600
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.1	15.1
129	11.3	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 0.818 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.003 min
Lab File: VV022047.D
Acq: 31 Aug 2021 17:45

Tgt Ion:	180	Resp:	3866
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.3	114.5
145	43.0	25.4	38.0#

