

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050468.D
 Acq On : 26 Aug 2022 19:36
 Operator : SY/MD
 Sample : N4322-05ME
 Misc : 3.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY165ME

Quant Time: Aug 27 02:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

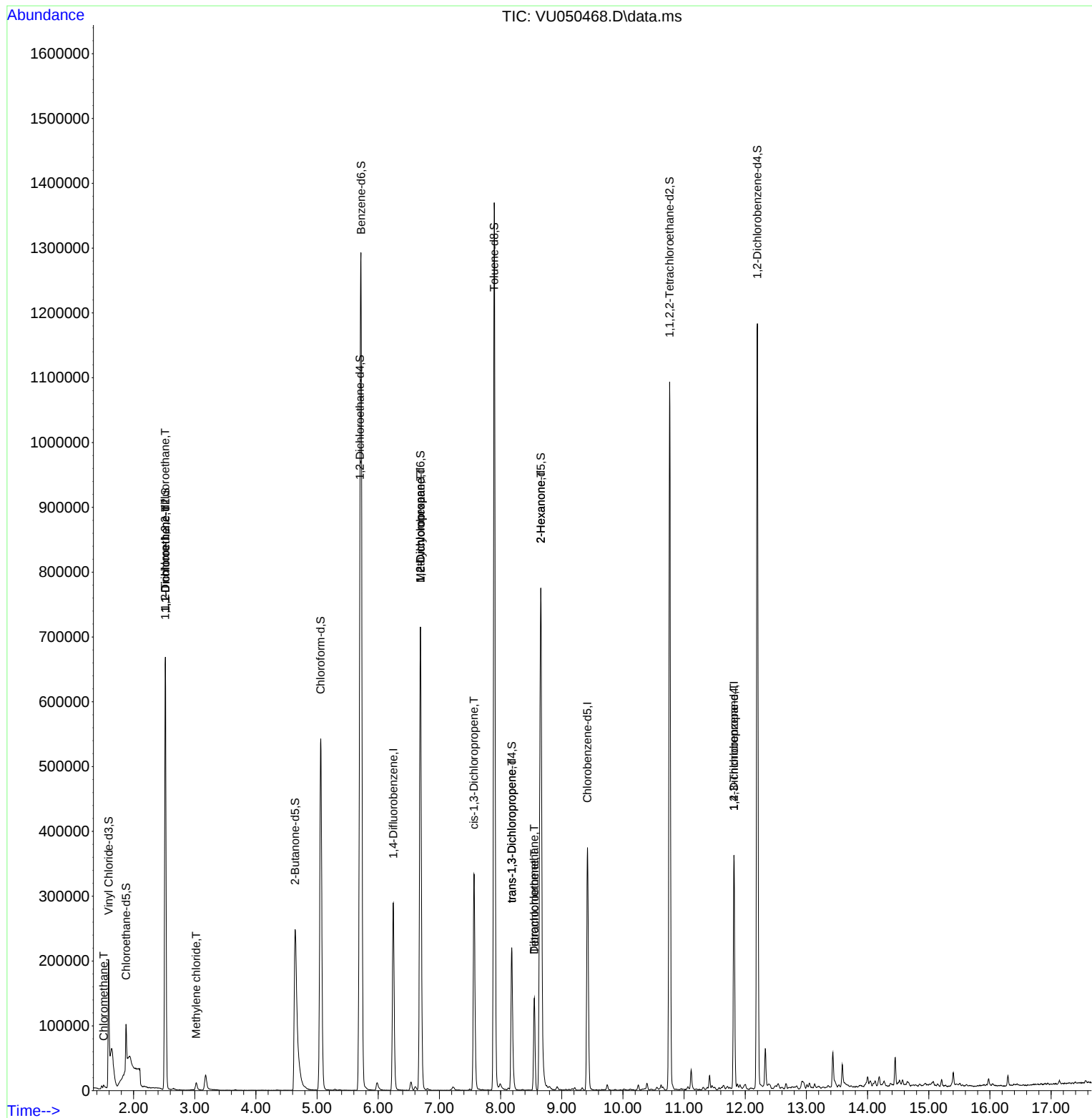
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246048	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	94492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	169303	58.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.380%
7) Chloroethane-d5	1.877	69	54923	25.513	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.020%#
11) 1,1-Dichloroethene-d2	2.520	63	399644	97.200	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	194.400%#
21) 2-Butanone-d5	4.642	46	506371	265.911	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	265.910%#
24) Chloroform-d	5.060	84	539077	115.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	230.860%#
26) 1,2-Dichloroethane-d4	5.700	65	347980	119.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	239.780%#
32) Benzene-d6	5.719	84	1136075	129.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	258.440%#
36) 1,2-Dichloropropane-d6	6.690	67	370166	127.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	254.180%#
41) Toluene-d8	7.896	98	953796	123.978	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	247.960%#
43) trans-1,3-Dichloroprop...	8.182	79	140084	115.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	230.600%#
47) 2-Hexanone-d5	8.658	63	365229	337.894	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	337.890%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	576069	128.230	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	256.460%#
66) 1,2-Dichlorobenzene-d4	12.198	152	314379	139.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	278.560%#
Target Compounds						Qvalue
3) Chloromethane	1.511	50	3719	1.661	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.517	101	3953	2.315	ug/L #	21
12) 1,1-Dichloroethene	2.520	96	2991	1.982	ug/L #	1
16) Methylene chloride	3.025	84	6227	2.960	ug/L	95
35) Methylcyclohexane	6.690	83	81964	34.373	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	37899	18.110	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	8117	2.954	ug/L #	54
44) trans-1,3-Dichloropropene	8.182	75	6005	2.344	ug/L	92
46) Tetrachloroethene	8.552	164	32253	25.751	ug/L	96
48) 2-Hexanone	8.658	43	45452	19.571	ug/L #	69
49) Dibromochloromethane	8.549	129	31303	14.676	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	11186	4.594	ug/L #	66

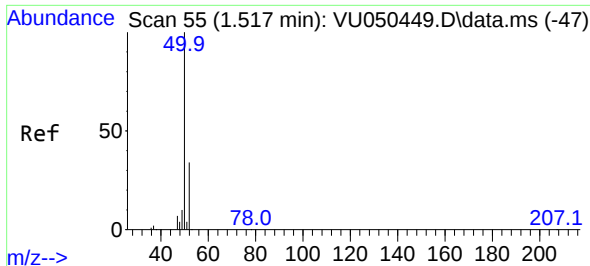
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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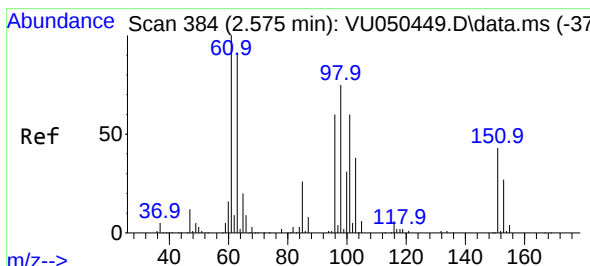
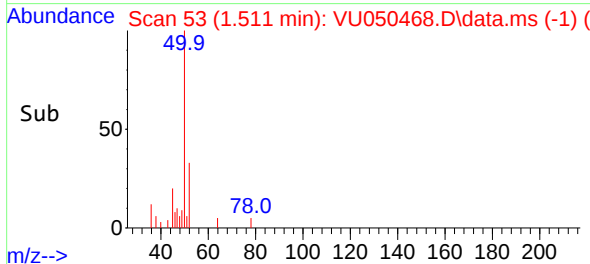
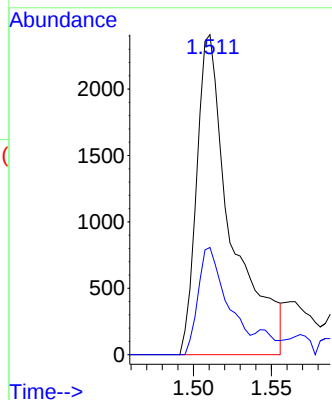
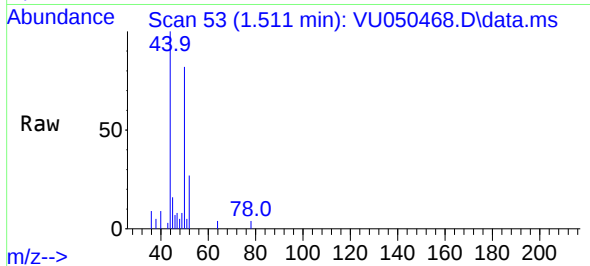




#3
Chloromethane
Concen: 1.661 ug/L
RT: 1.511 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

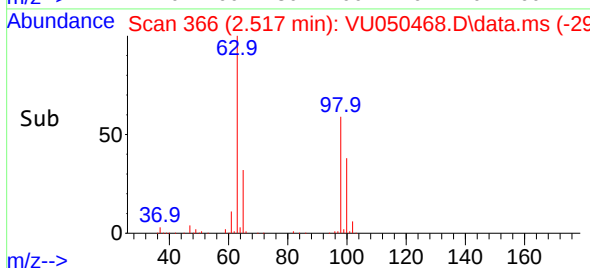
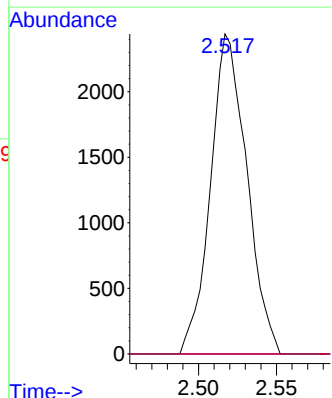
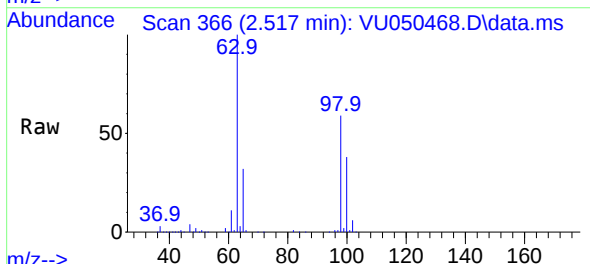
Instrument :
MSVOA_U
ClientSampleId :
EY165ME

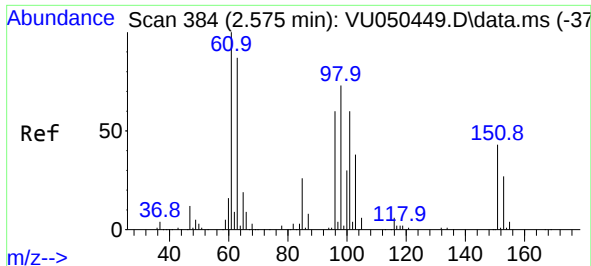
Tgt Ion: 50 Resp: 3719
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.315 ug/L
RT: 2.517 min Scan# 366
Delta R.T. -0.058 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

Tgt Ion: 101 Resp: 3953
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#

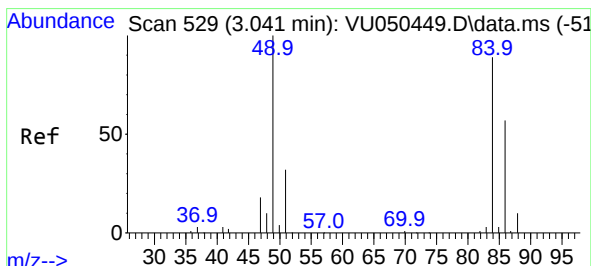
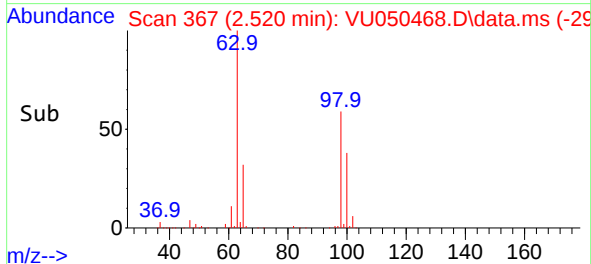
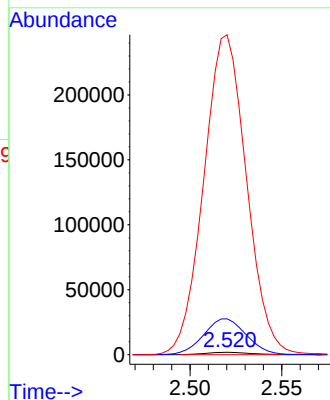
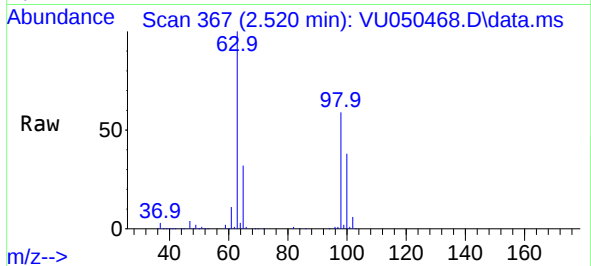




#12
1,1-Dichloroethene
Concen: 1.982 ug/L
RT: 2.520 min Scan# 30
Delta R.T. -0.055 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

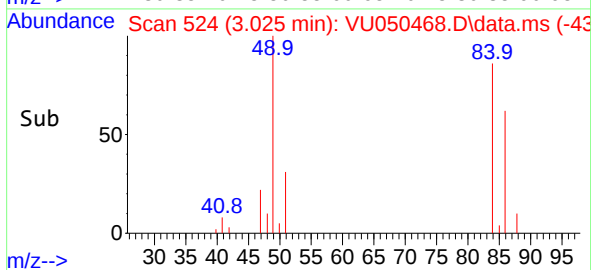
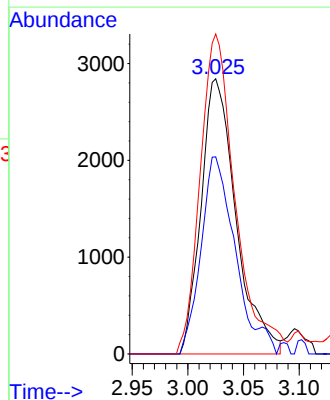
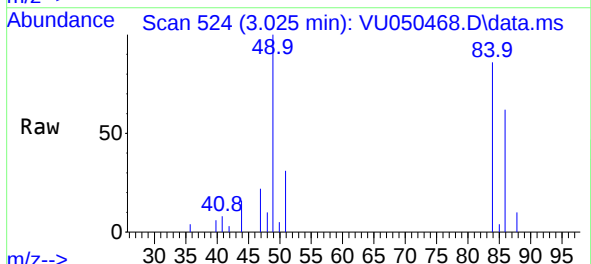
Instrument :
MSVOA_U
ClientSampleId :
EY165ME

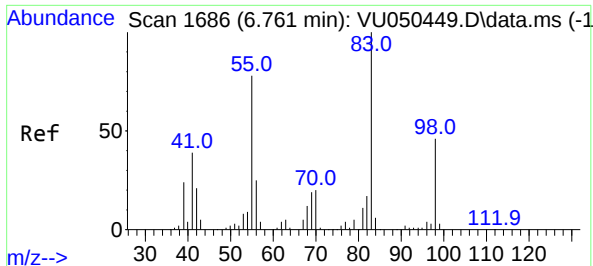
Tgt Ion: 96 Resp: 2991
Ion Ratio Lower Upper
96 100
61 1486.5 116.8 216.8#
63 13297.4 97.4 180.8#



#16
Methylene chloride
Concen: 2.960 ug/L
RT: 3.025 min Scan# 524
Delta R.T. -0.016 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

Tgt Ion: 84 Resp: 6227
Ion Ratio Lower Upper
84 100
86 71.6 43.9 81.5
49 116.3 80.4 149.4





#35

Methylcyclohexane

Concen: 34.373 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050468.D

Acq: 26 Aug 2022 19:36

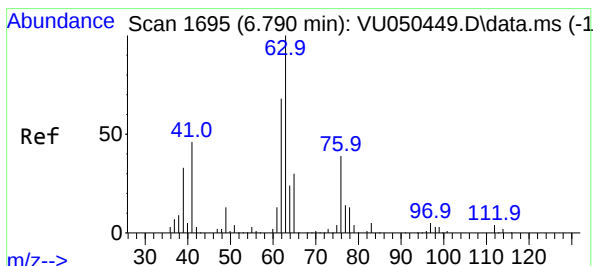
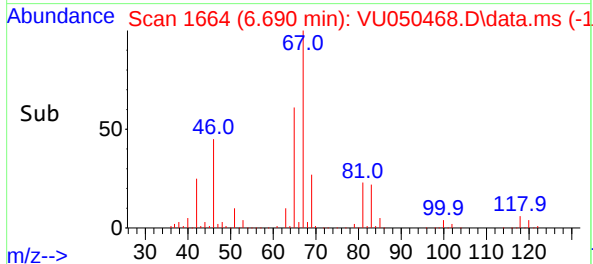
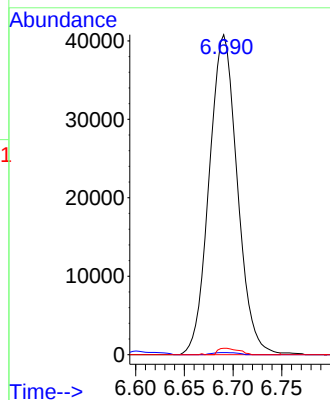
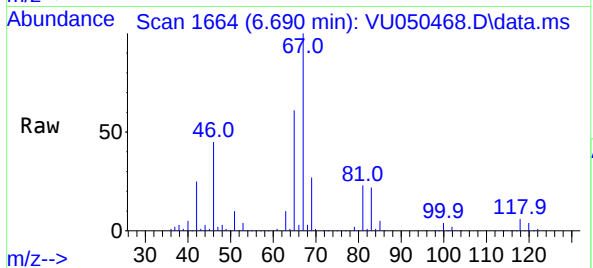
Instrument :

MSVOA_U

ClientSampleId :

EY165ME

Tgt Ion: 83	Resp: 81964
Ion Ratio	Lower Upper
83	100
55	0.6 61.9 92.9#
98	1.5 35.8 53.8#



#37

1,2-Dichloropropane

Concen: 18.110 ug/L

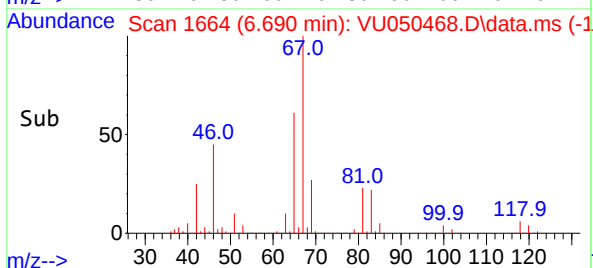
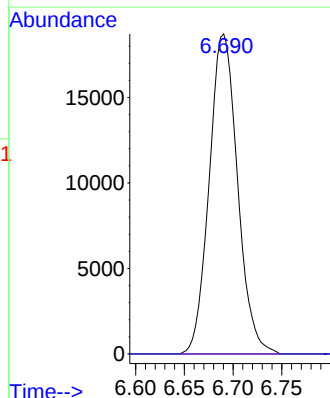
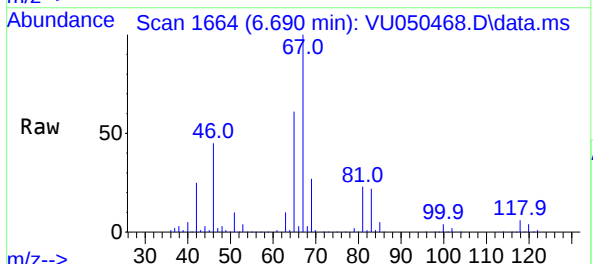
RT: 6.690 min Scan# 1664

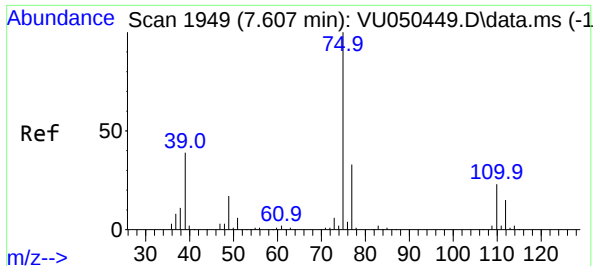
Delta R.T. -0.100 min

Lab File: VU050468.D

Acq: 26 Aug 2022 19:36

Tgt Ion: 63	Resp: 37899
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#

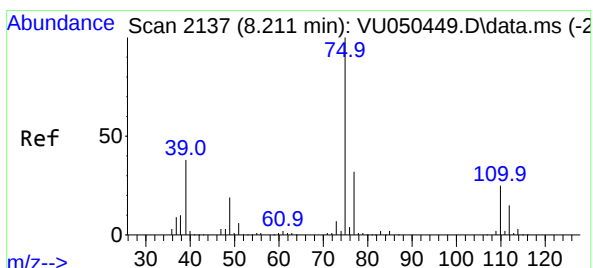
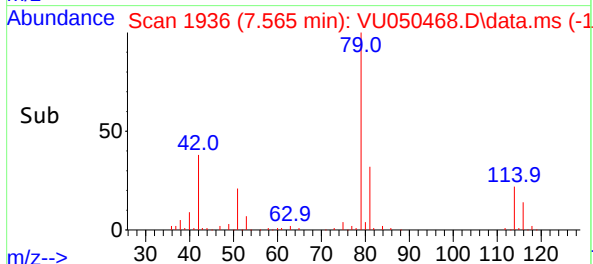
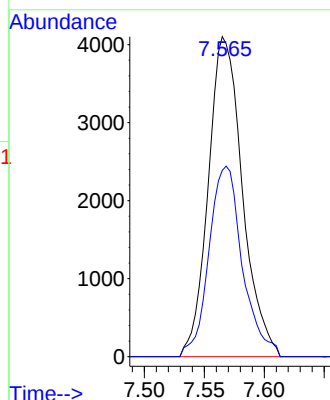
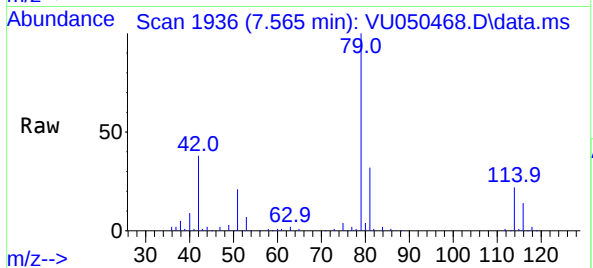




#39
cis-1,3-Dichloropropene
Concen: 2.954 ug/L
RT: 7.565 min Scan# 1949
Delta R.T. -0.042 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

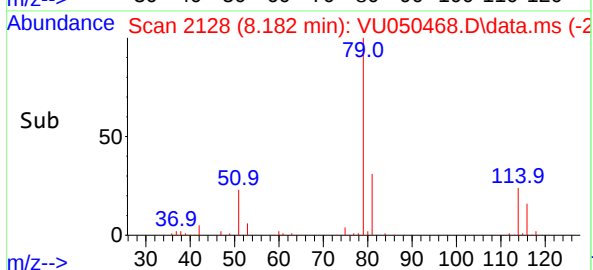
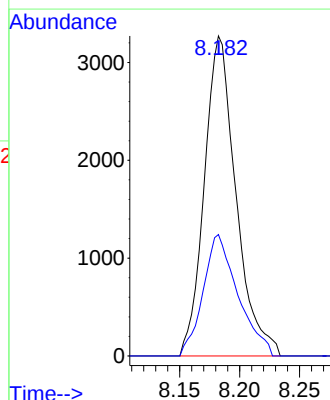
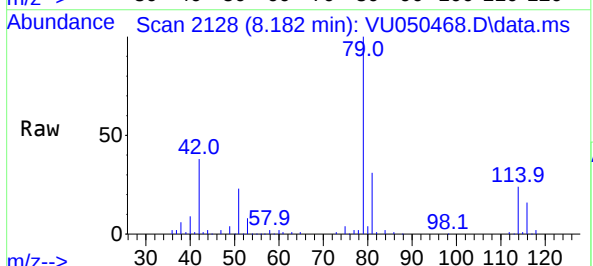
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ClientSampleId :
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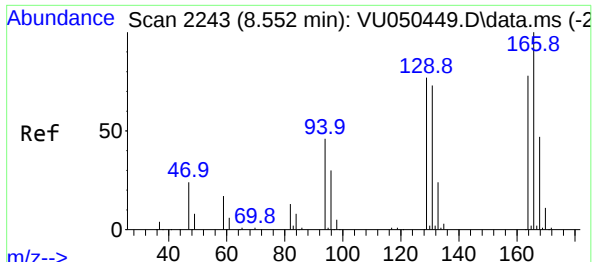
Tgt Ion: 75 Resp: 8117
Ion Ratio Lower Upper
75 100
77 58.2 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 2.344 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

Tgt Ion: 75 Resp: 6005
Ion Ratio Lower Upper
75 100
77 36.7 22.5 41.7



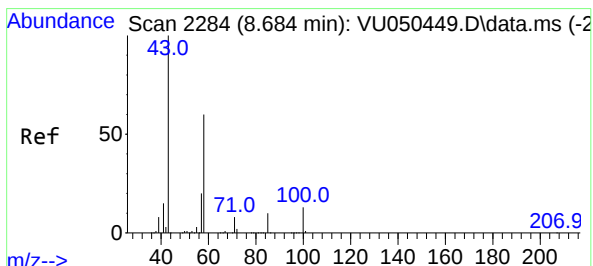
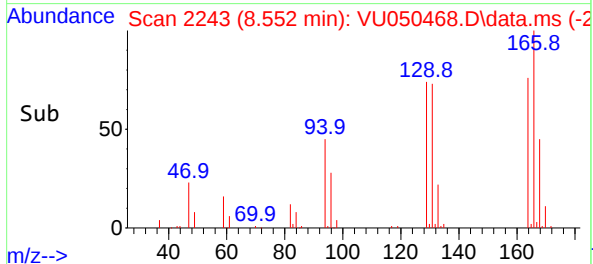
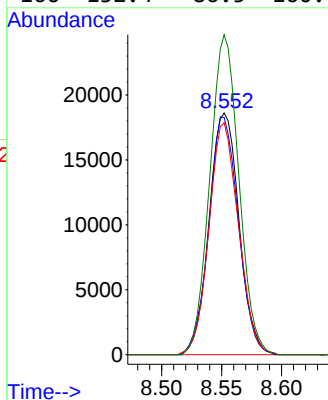
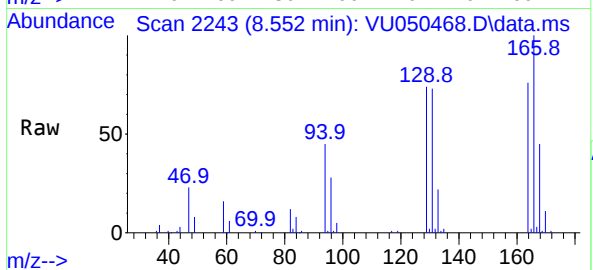


#46
Tetrachloroethene
Concen: 25.751 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EY165ME

Tgt Ion:164 Resp: 32253

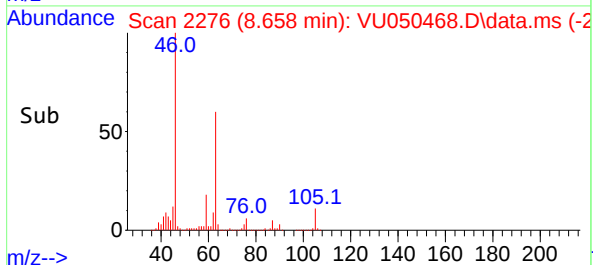
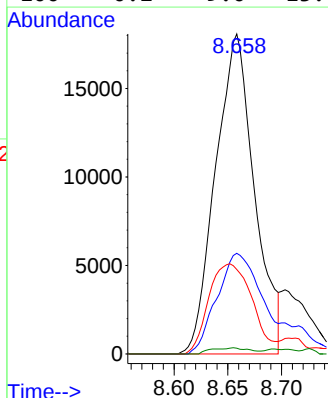
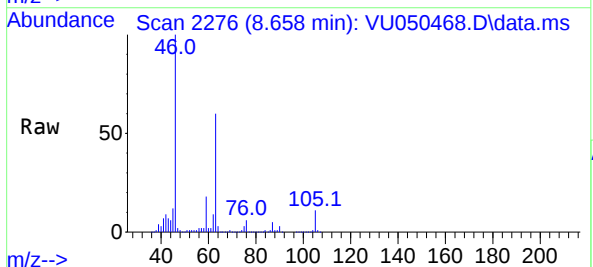
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.0	126.4
131	96.0	65.4	121.4
166	132.4	86.5	160.7

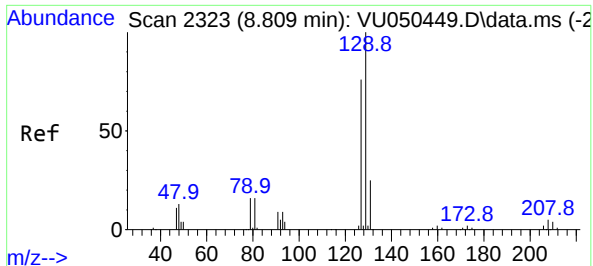


#48
2-Hexanone
Concen: 19.571 ug/L
RT: 8.658 min Scan# 2276
Delta R.T. -0.026 min
Lab File: VU050468.D
Acq: 26 Aug 2022 19:36

Tgt Ion: 43 Resp: 45452

Ion	Ratio	Lower	Upper
43	100		
58	35.5	47.9	71.9#
57	31.3	15.4	23.0#
100	0.2	9.0	13.6#





#49

Dibromochloromethane

Concen: 14.676 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU050468.D

Acq: 26 Aug 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

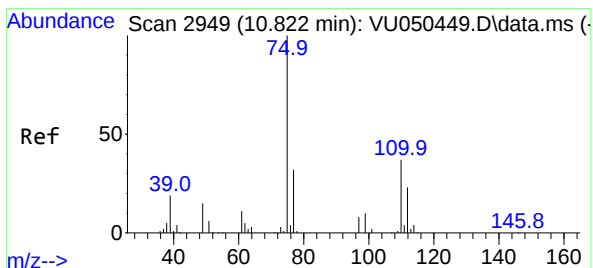
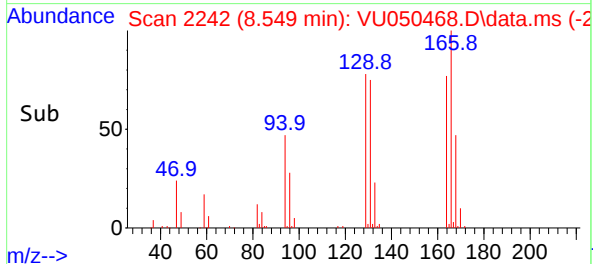
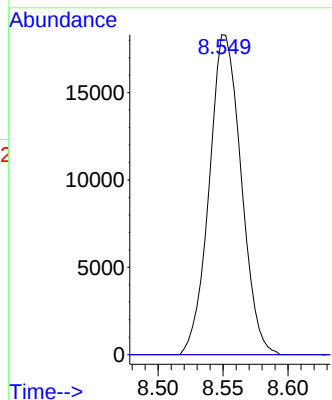
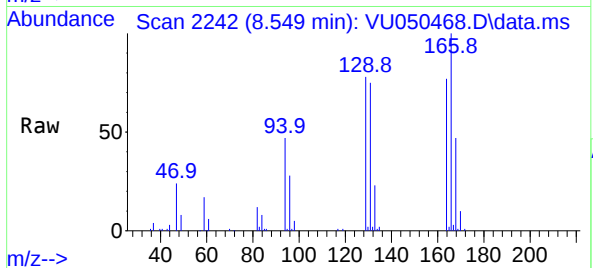
EY165ME

Tgt Ion:129 Resp: 31303

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#60

1,2,3-Trichloropropane

Concen: 4.594 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU050468.D

Acq: 26 Aug 2022 19:36

Tgt Ion: 75 Resp: 11186

Ion Ratio Lower Upper

75 100

77 36.0 25.7 38.5

110 1.8 29.0 43.4#

