

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043152.D
 Acq On : 16 Apr 2021 04:10
 Operator : SY/MD
 Sample : M2055-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4508

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:22:04 AM

Quant Time: Apr 16 07:18:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	66376	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66077	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	31085	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16592	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.919	69	16736	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.575	65	10563	5.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.20%			
20) 2-Butanone-d5	4.645	46	96689	65.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 130.62%#			
24) Chloroform-d	5.073	84	47191	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
26) 1,2-Dichloroethane-d4	5.713	65	31031	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.735	84	84223	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%			
36) 1,2-Dichloropropane-d6	6.700	67	29472	5.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.60%			
41) Toluene-d8	7.906	98	76572	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloroprop...	8.185	79	11170	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.645	63	64164	57.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.20%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25780	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.80%			
66) 1,2-Dichlorobenzene-d4	12.201	152	31164	5.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1724	0.41	ug/L	97
3) Chloromethane	1.520	50	448	0.11	ug/L	86
9) Trichlorofluoromethane	2.141	101	637	0.08	ug/L	95
13) Acetone	2.665	43	4151m	3.82	ug/L	
18) trans-1,2-Dichloroethene	3.359	96	1619	0.41	ug/L	88
25) Chloroform	5.092	83	5423	0.59	ug/L	96
34) Trichloroethene	6.549	95	16775	3.45	ug/L	99
38) Bromodichloromethane	7.112	83	797	0.12	ug/L #	73
47) Tetrachloroethene	8.558	164	35956	9.32	ug/L	94

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

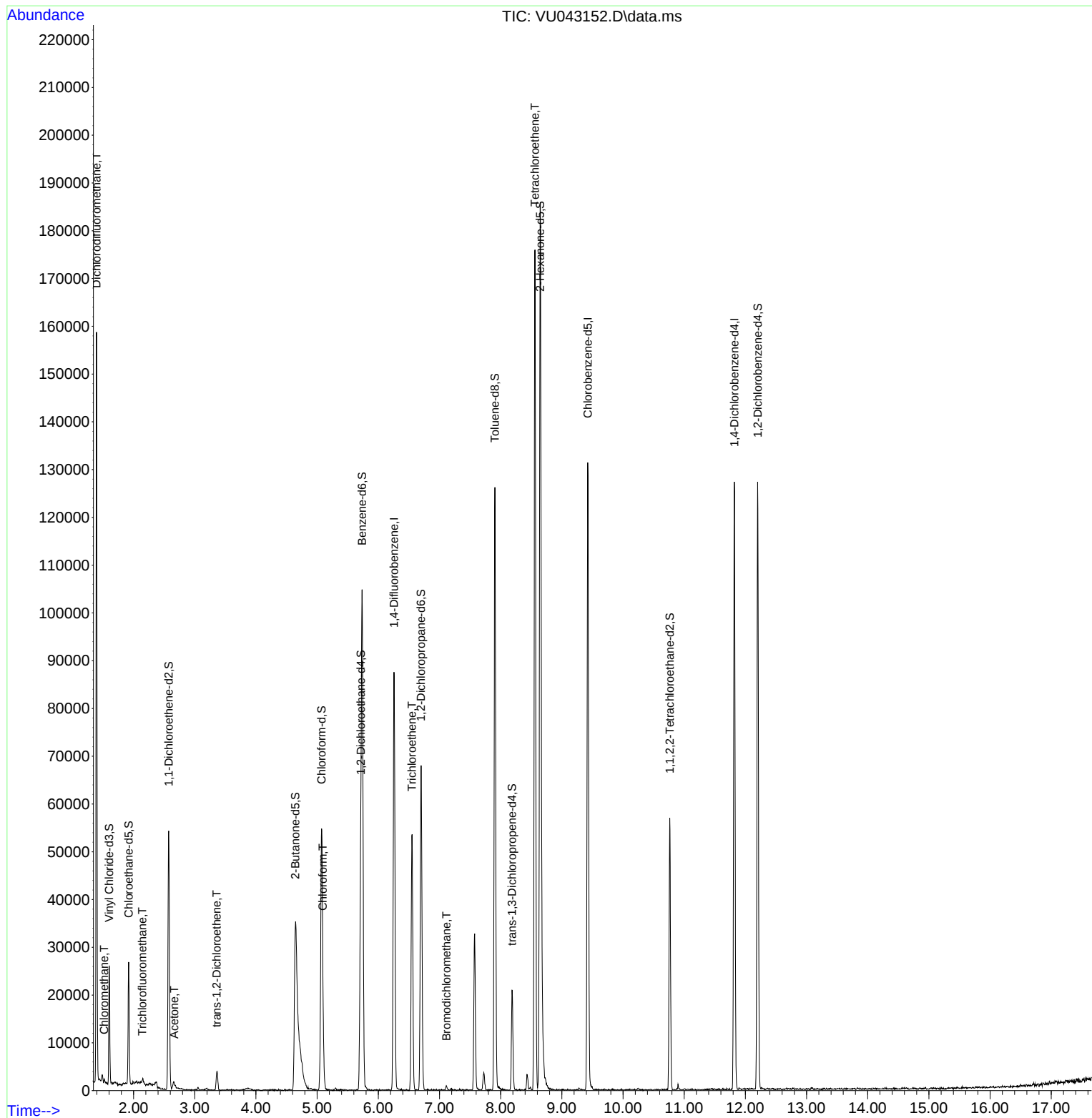
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043152.D
Acq On : 16 Apr 2021 04:10
Operator : SY/MD
Sample : M2055-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

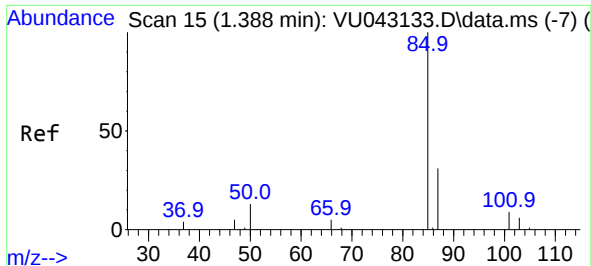
Instrument :
MSVOA_U
ClientSampleId :
H4508

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:22:04 AM

Quant Time: Apr 16 07:18:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration





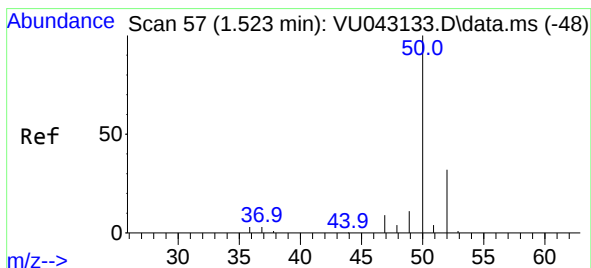
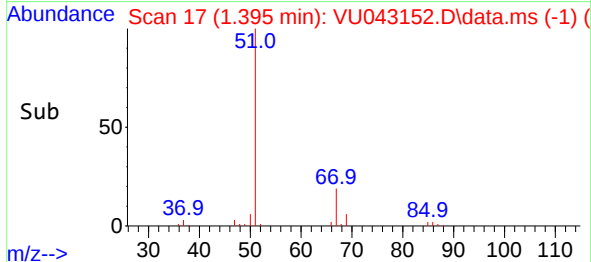
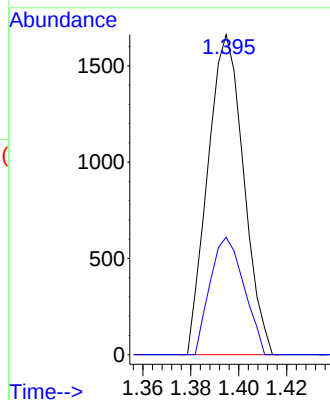
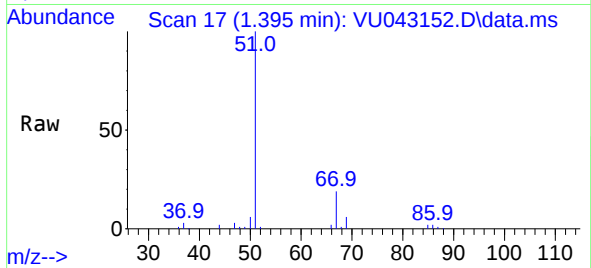
#2
Dichlorodifluoromethane
Concen: 0.41 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 85 Resp: 1724
Ion Ratio Lower Upper
85 100
87 34.7 26.3 39.5

Instrument :
MSVOA_U
ClientSampled :
H4508

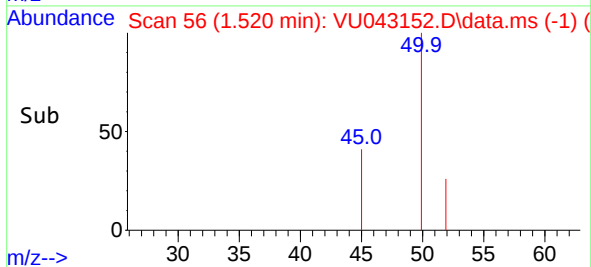
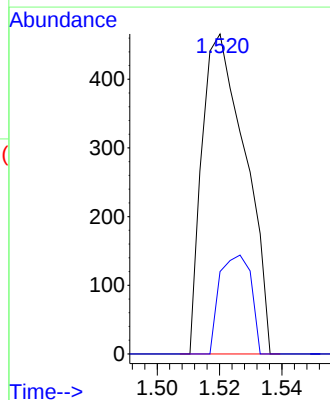
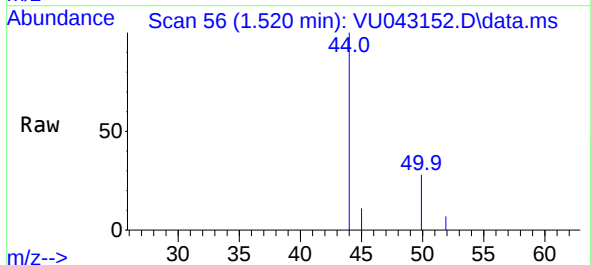
Manual Integrations
APPROVED

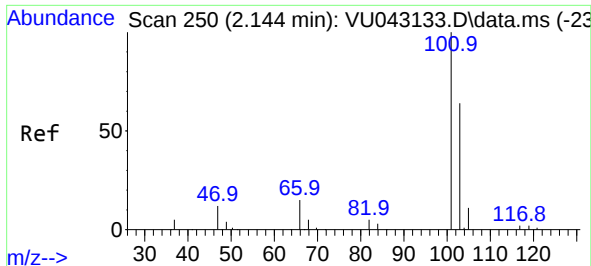
MMDadoda
4/19/2021 10:22:04 AM



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 50 Resp: 448
Ion Ratio Lower Upper
50 100
52 25.8 23.6 43.8





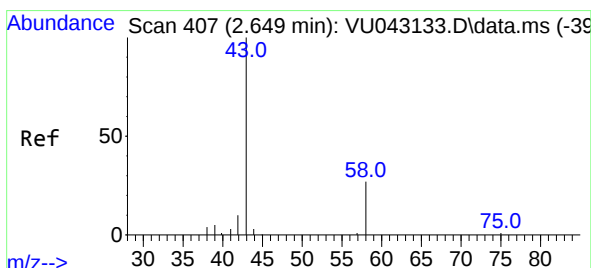
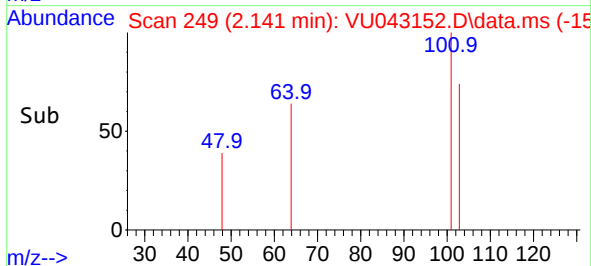
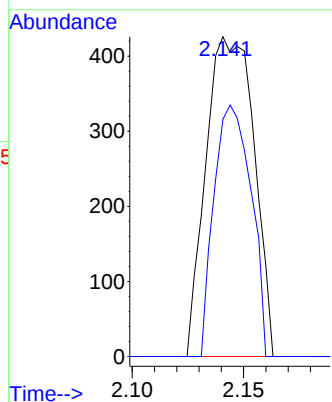
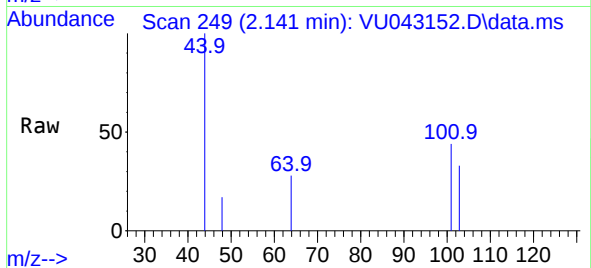
#9
Trichlorofluoromethane
Concen: 0.08 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion:101 Resp: 637
Ion Ratio Lower Upper
101 100
103 60.6 51.5 77.3

Instrument :
MSVOA_U
ClientSampled :
H4508

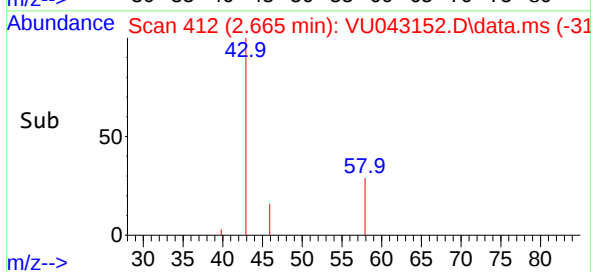
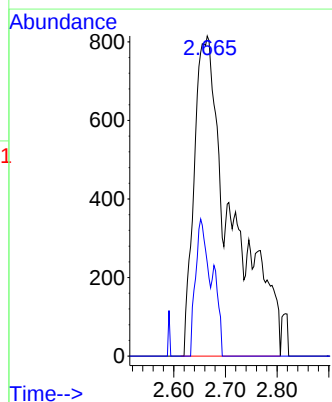
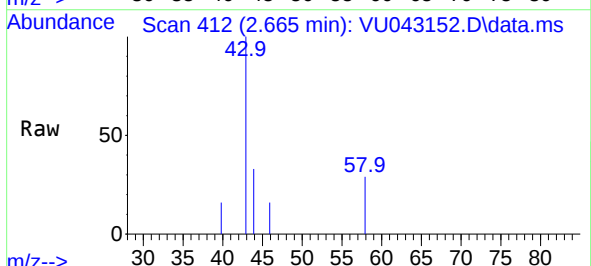
Manual Integrations
APPROVED

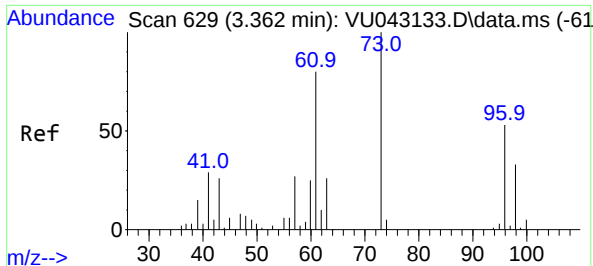
MMDadoda
4/19/2021 10:22:04 AM



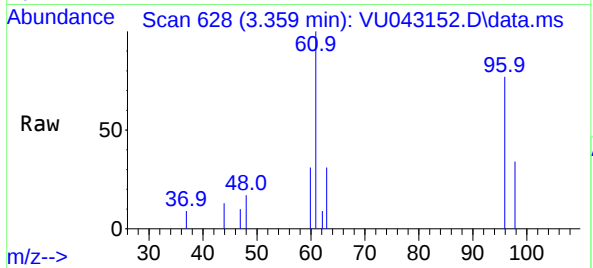
#13
Acetone
Concen: 3.82 ug/L m
RT: 2.665 min Scan# 412
Delta R.T. 0.016 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 43 Resp: 4151
Ion Ratio Lower Upper
43 100
58 4.8 0.0 25.0

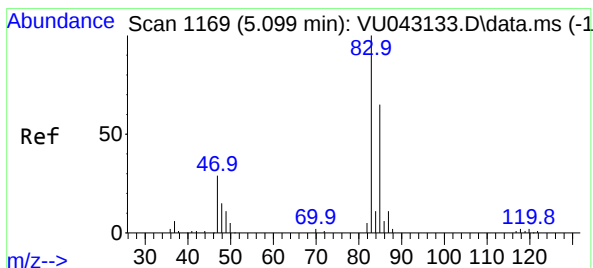
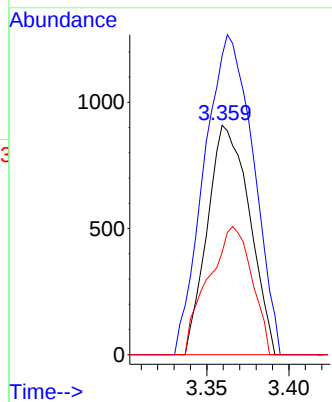
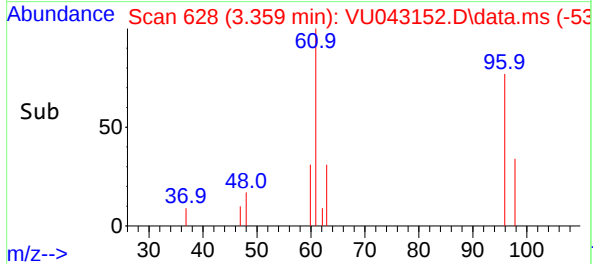




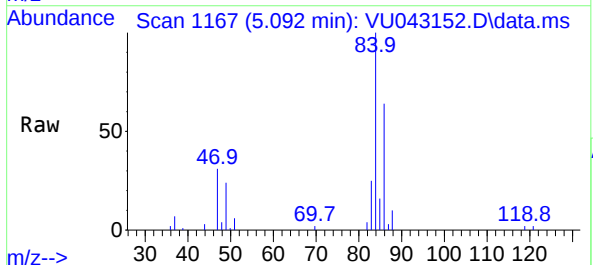
#18
trans-1,2-Dichloroethene
Concen: 0.41 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10



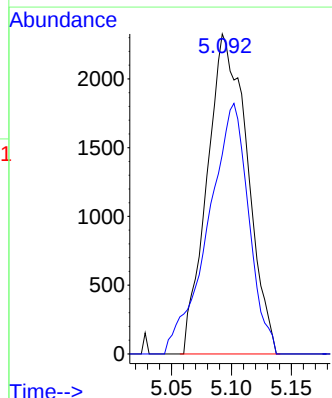
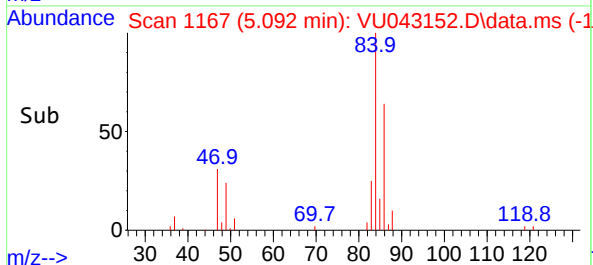
Tgt Ion: 96 Resp: 1619
Ion Ratio Lower Upper
96 100
61 130.4 96.6 179.4
98 44.7 44.7 82.9



#25
Chloroform
Concen: 0.59 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10



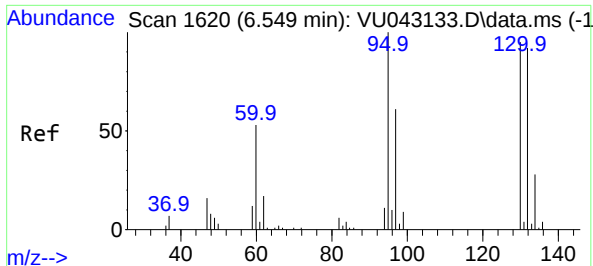
Tgt Ion: 83 Resp: 5423
Ion Ratio Lower Upper
83 100
85 62.4 45.6 84.8



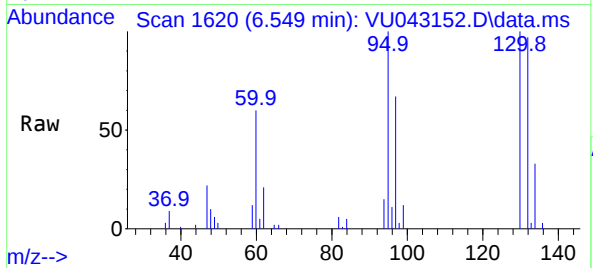
Instrument :
MSVOA_U
ClientSampleId :
H4508

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:22:04 AM

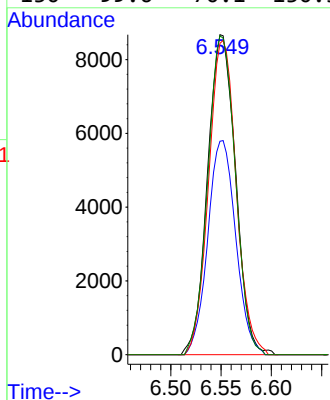


#34
Trichloroethene
Concen: 3.45 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10



Tgt Ion: 95 Resp: 16775

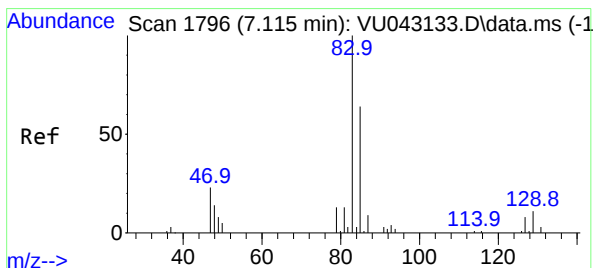
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.8	85.2
132	97.3	68.7	127.7
130	99.6	70.1	130.3



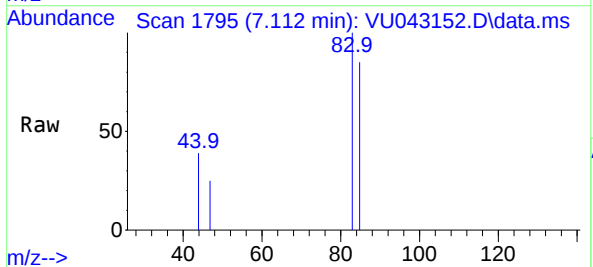
Instrument :
MSVOA_U
ClientSampled :
H4508

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:22:04 AM

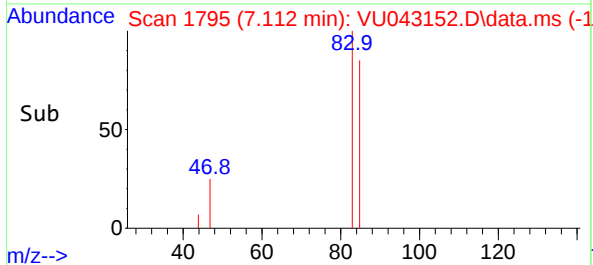
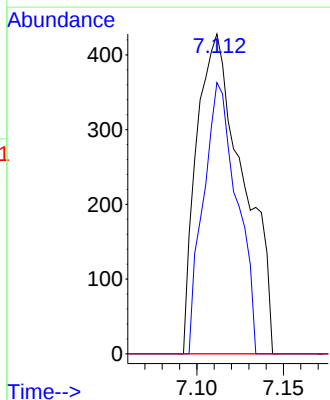


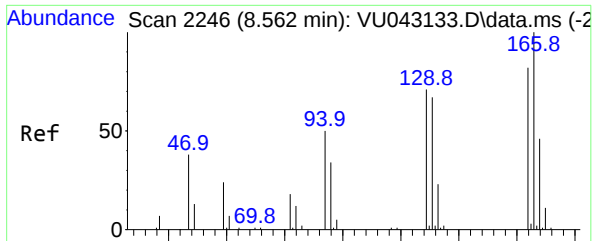
#38
Bromodichloromethane
Concen: 0.12 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10



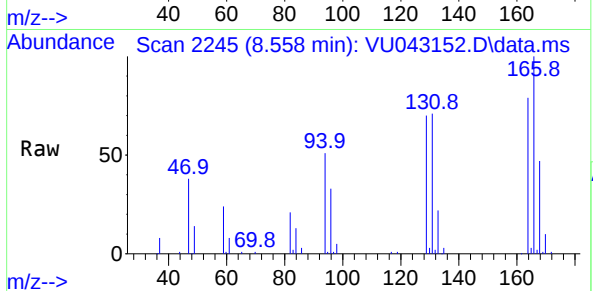
Tgt Ion: 83 Resp: 797

Ion	Ratio	Lower	Upper
83	100		
85	84.8	44.6	82.8#
127	0.0	7.4	11.2#



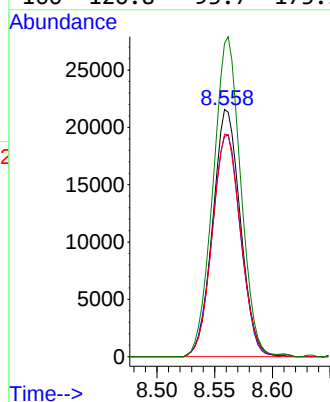
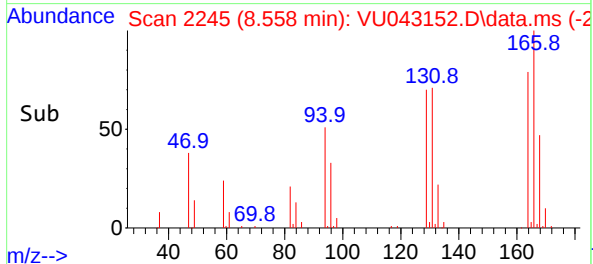


#47
Tetrachloroethene
Concen: 9.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10



Tgt Ion:164 Resp: 35956

Ion	Ratio	Lower	Upper
164	100		
129	89.2	66.6	123.8
131	90.0	65.9	122.3
166	126.8	93.7	173.9



Instrument :
MSVOA_U
ClientSampleId :
H4508

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:22:04 AM