

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052328.D
 Acq On : 10 Dec 2022 02:02
 Operator : JC/MD
 Sample : N5979-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

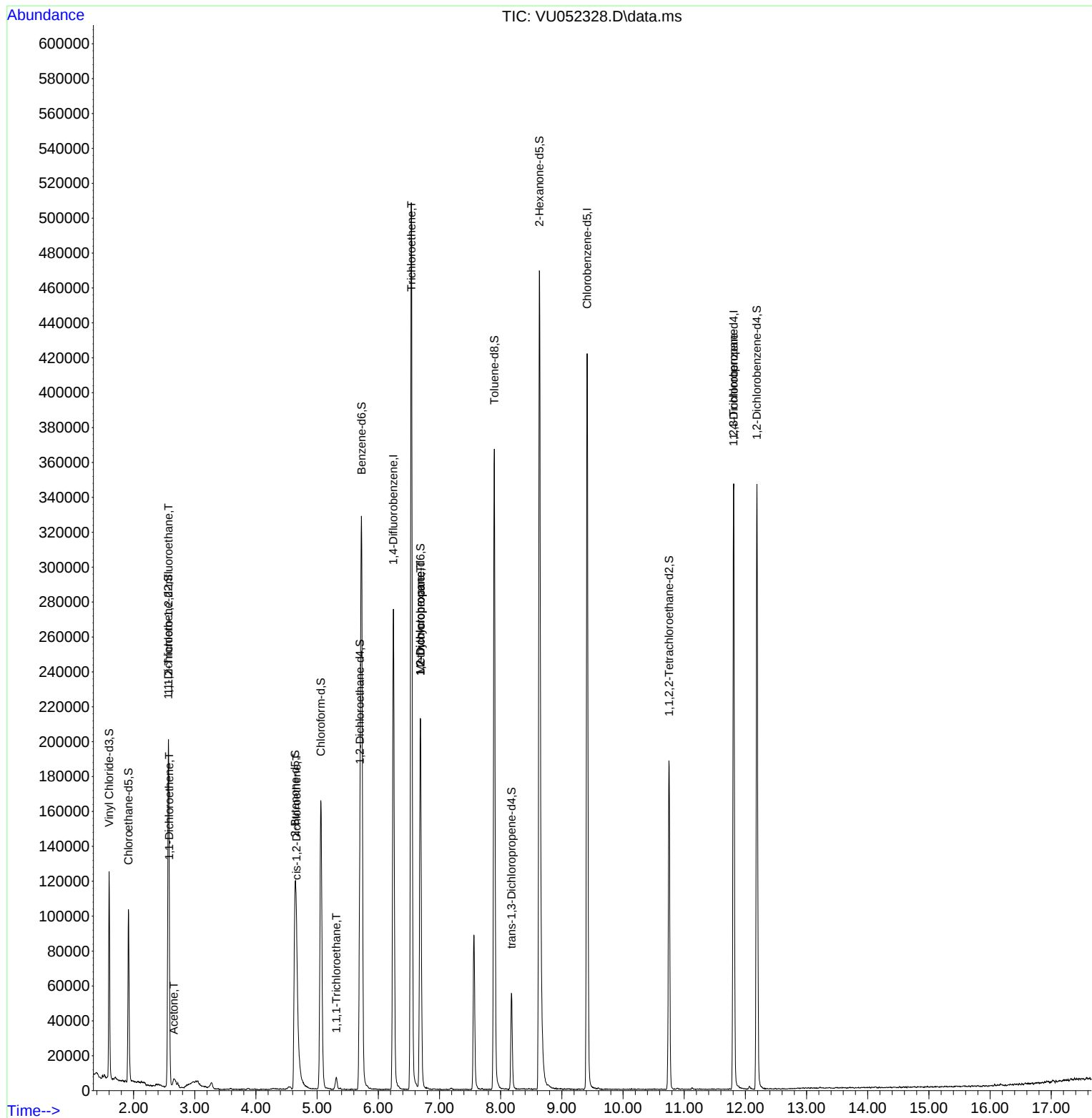
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86791	3.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.916	69	76532	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.568	65	34830	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.642	46	238888	59.076	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.160%
24) Chloroform-d	5.060	84	162781	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	84225	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.726	84	325326	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.690	67	108176	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.896	98	259053	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.176	79	32852	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.632	63	161871	46.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97652	5.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	95527	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1193	0.071	ug/L #	22
12) 1,1-Dichloroethene	2.584	96	12515	0.752	ug/L #	1
13) Acetone	2.658	43	11108	4.045	ug/L	64
22) cis-1,2-Dichloroethene	4.665	96	11630	0.621	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	4876	0.180	ug/L	98
34) Trichloroethene	6.539	95	179585	9.085	ug/L	98
35) Methylcyclohexane	6.687	83	24901	0.876	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10642	0.519	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	11314	1.010	ug/L #	68

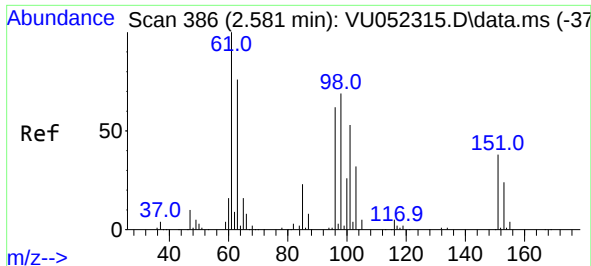
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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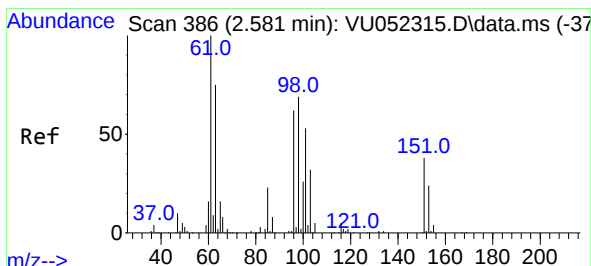
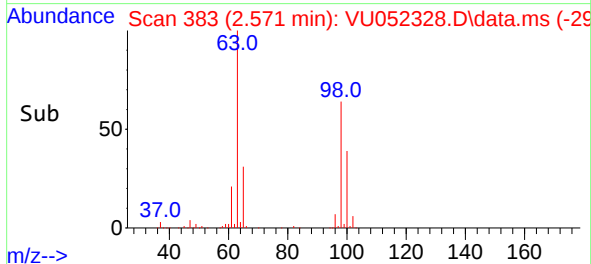
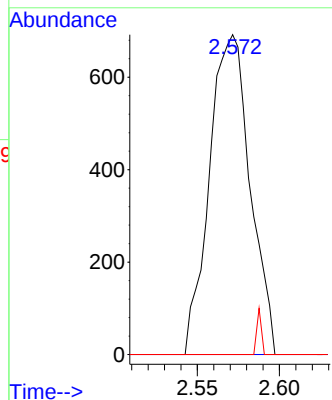
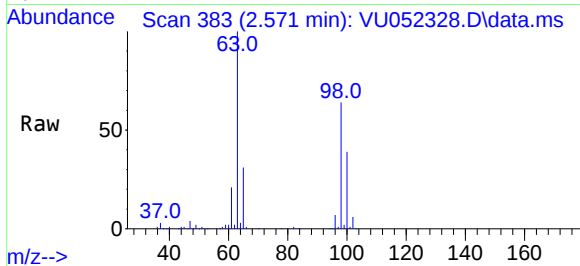




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.571 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

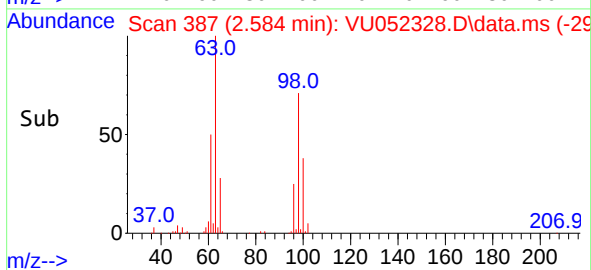
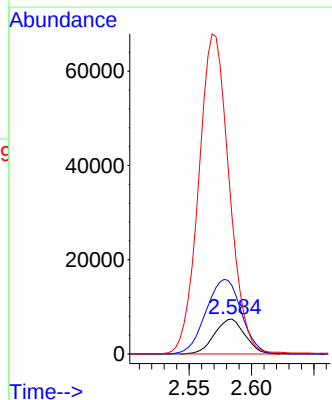
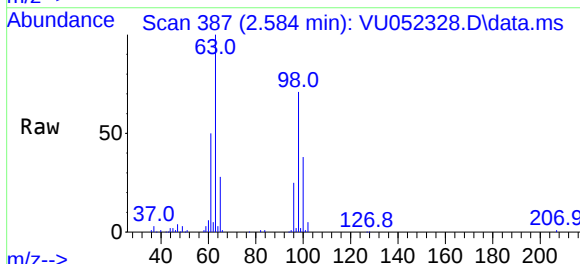
Instrument :
MSVOA_U
ClientSampleId :

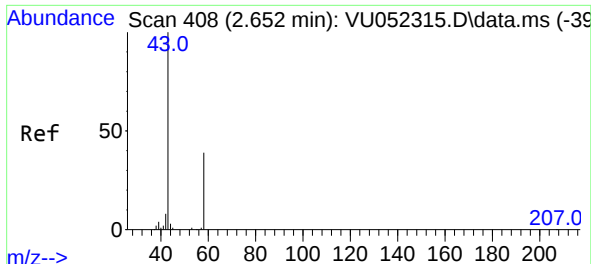
Tgt Ion:101 Resp: 1193
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 1.6 58.6 88.0#



#12
1,1-Dichloroethene
Concen: 0.752 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

Tgt Ion: 96 Resp: 12515
Ion Ratio Lower Upper
96 100
61 195.2 114.8 213.2
63 392.8 93.7 174.1#

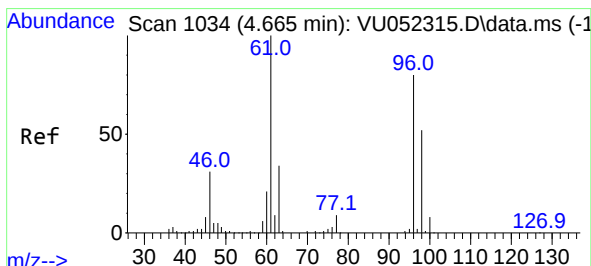
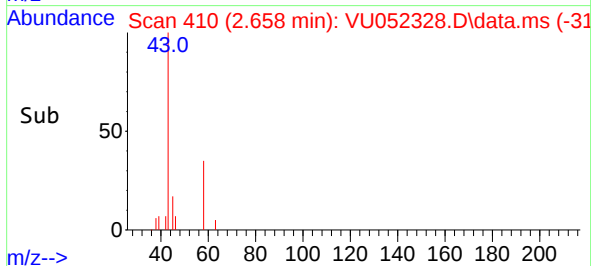
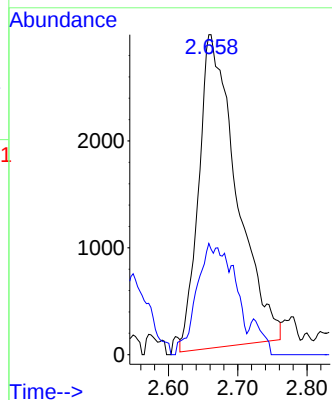
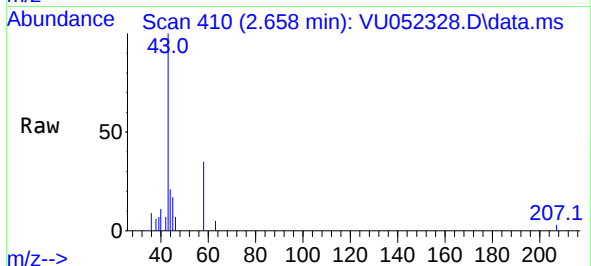




#13
Acetone
Concen: 4.045 ug/L
RT: 2.658 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

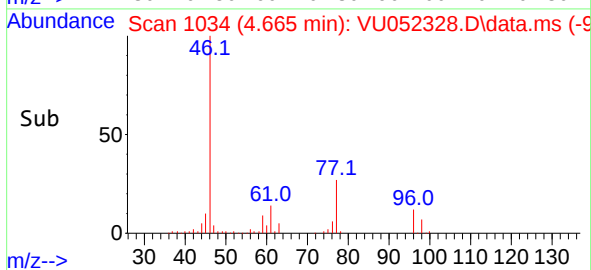
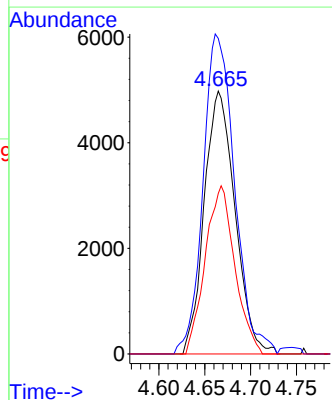
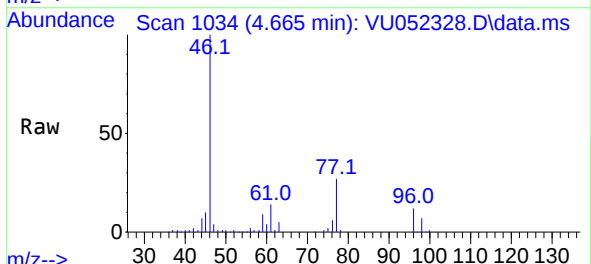
Instrument :
MSVOA_U
ClientSampleId :

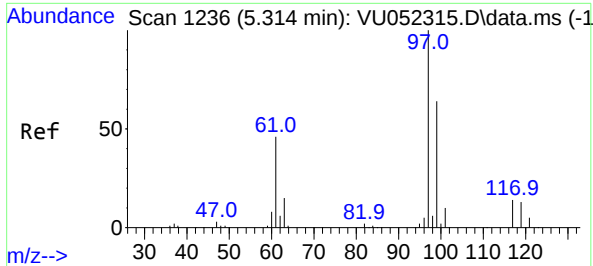
Tgt Ion: 43 Resp: 11108
Ion Ratio Lower Upper
43 100
58 16.1 0.0 76.0



#22
cis-1,2-Dichloroethene
Concen: 0.621 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

Tgt Ion: 96 Resp: 11630
Ion Ratio Lower Upper
96 100
61 120.0 85.1 158.1
98 61.0 42.8 79.6



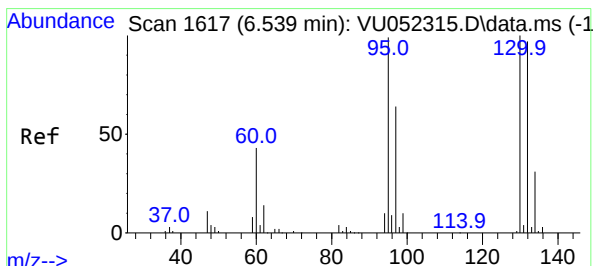
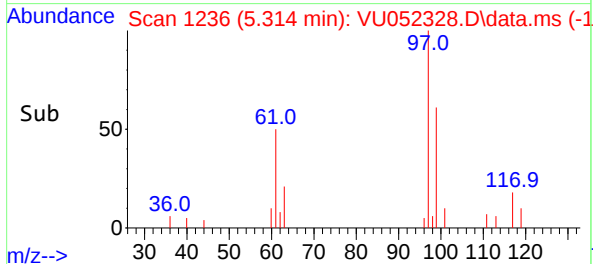
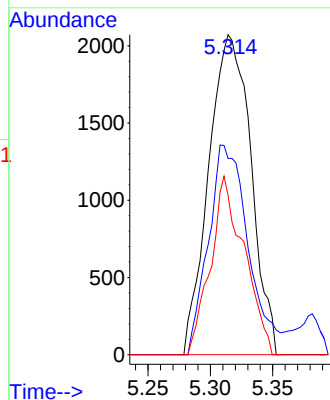
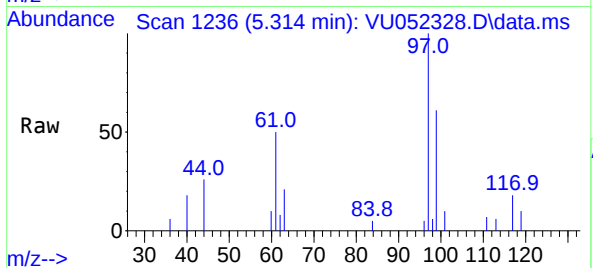


#29
1,1,1-Trichloroethane
Concen: 0.180 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4876

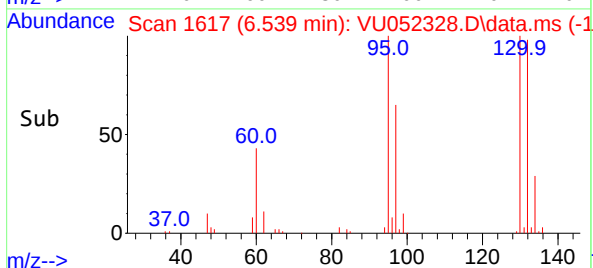
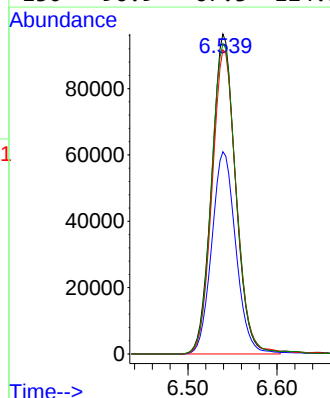
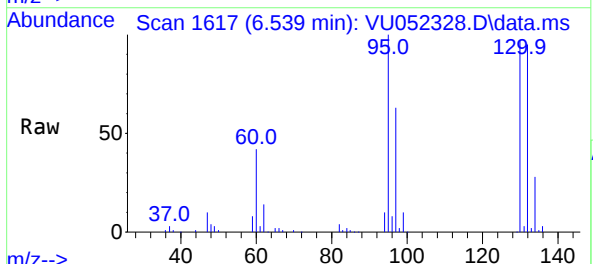
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.0	76.6
61	44.7	36.9	55.3

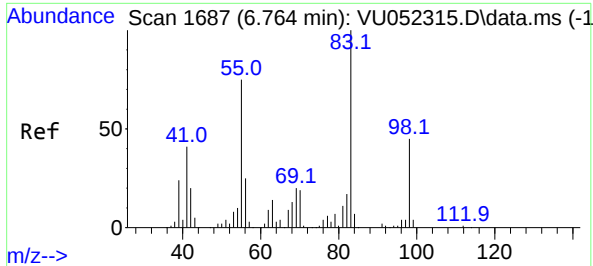


#34
Trichloroethene
Concen: 9.085 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

Tgt Ion: 95 Resp: 179585

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.7	81.1
132	95.0	64.3	119.3
130	96.9	67.3	124.9

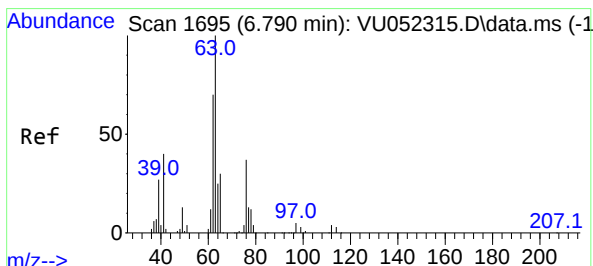
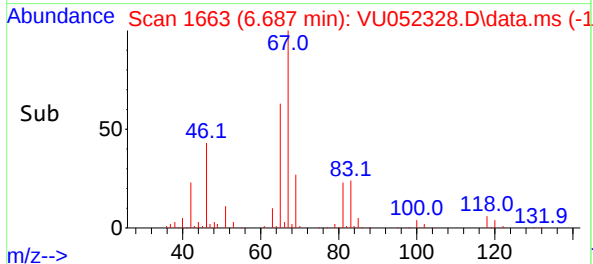
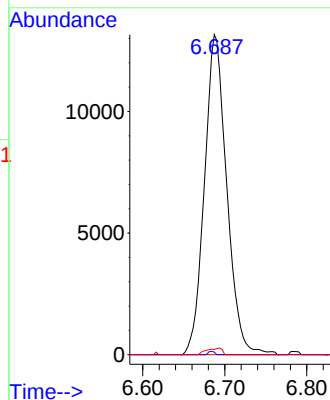
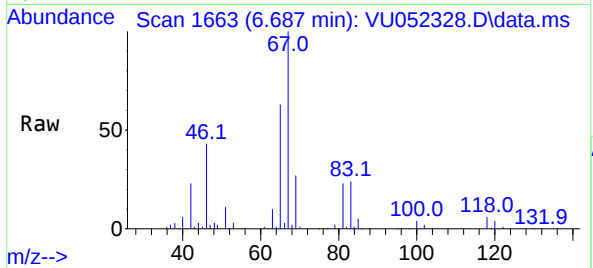




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

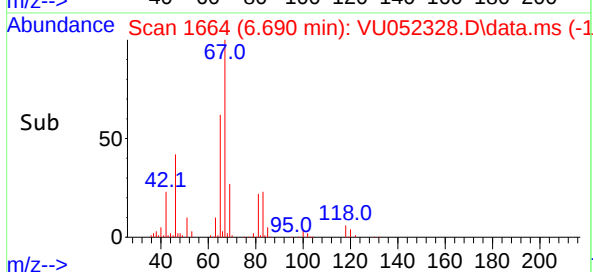
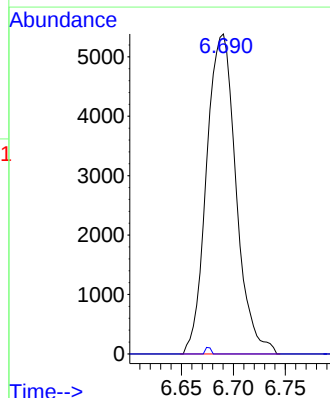
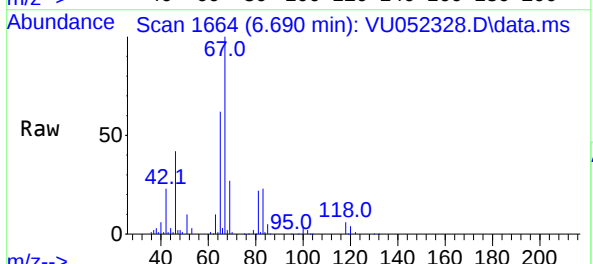
Instrument :
MSVOA_U
ClientSampleId :

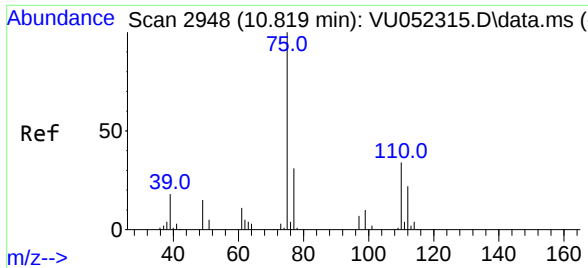
Tgt Ion: 83 Resp: 24901
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.4 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052328.D
Acq: 10 Dec 2022 02:02

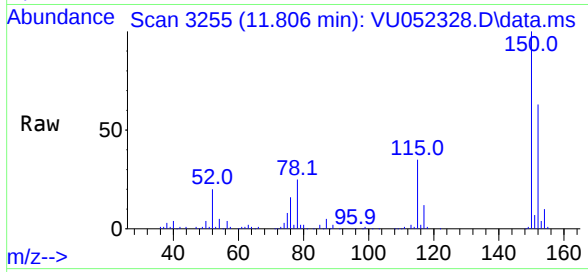
Tgt Ion: 63 Resp: 10642
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.010 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052328.D
 Acq: 10 Dec 2022 02:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11314

Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.3	42.5#
77	30.1	26.2	39.2

