

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052571.D
 Acq On : 27 Dec 2022 17:48
 Operator : JC/MD
 Sample : N6170-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB4DL

Quant Time: Dec 28 01:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

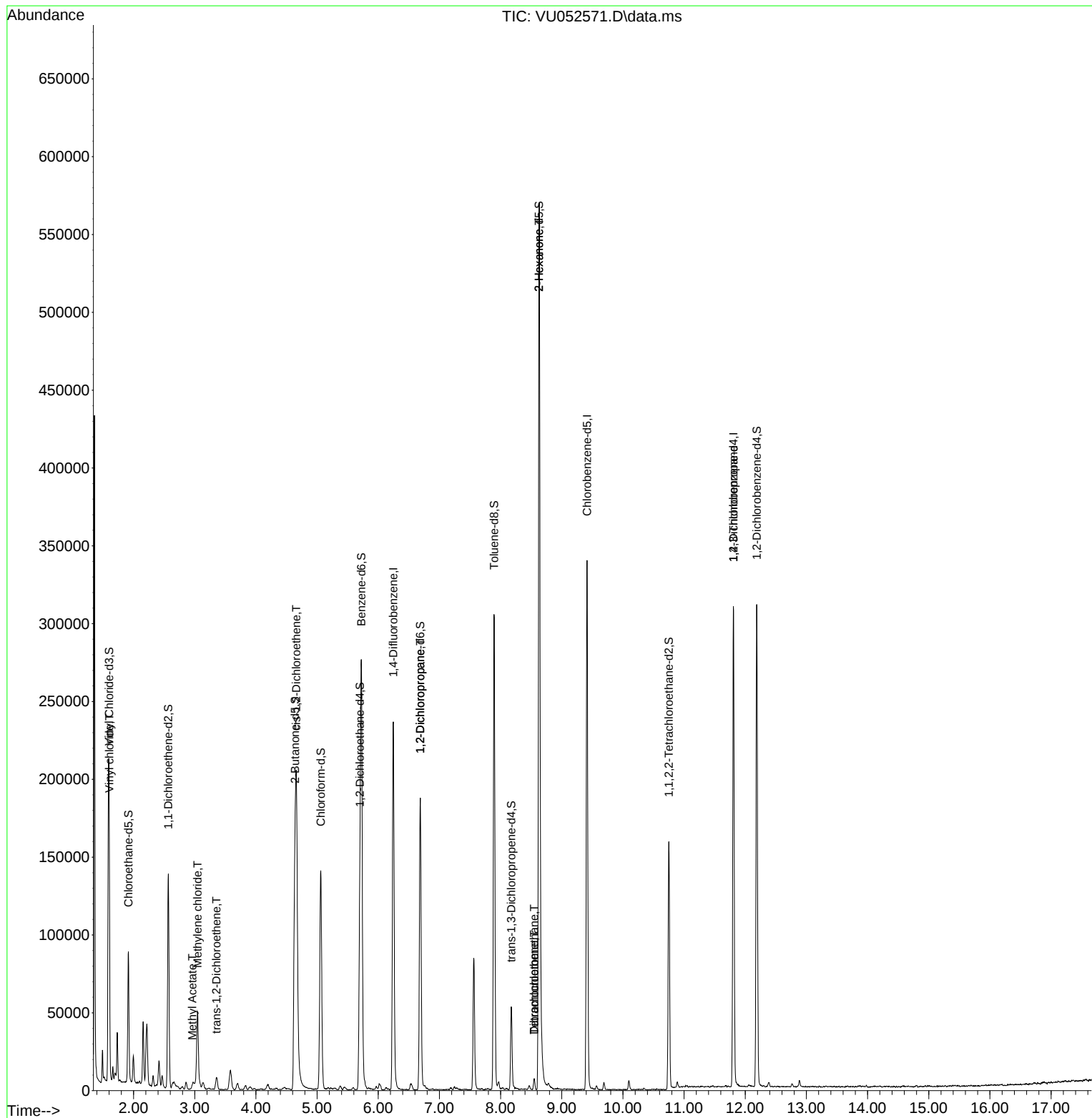
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	182309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	176971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	78327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	56884	3.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.916	69	58765	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.568	65	27576	3.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.639	46	284684	49.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	5.060	84	130099	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.700	65	76914	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.726	84	254118	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.687	67	92385	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.893	98	196182	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.176	79	30692	4.291	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.629	63	193334	49.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79093	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	77030	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3243	0.153	ug/L	87
15) Methyl Acetate	2.961	43	1437	0.154	ug/L #	55
16) Methylene chloride	3.047	84	22304	1.156	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	1909	0.136	ug/L	84
22) cis-1,2-Dichloroethene	4.661	96	59947	3.882	ug/L	98
37) 1,2-Dichloropropane	6.687	63	9343	0.525	ug/L #	88
47) Tetrachloroethene	8.549	164	1435	0.138	ug/L	93
48) 2-Hexanone	8.629	43	24384	2.489	ug/L #	76
49) Dibromochloromethane	8.549	129	1518	0.114	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	11235	1.000	ug/L #	68

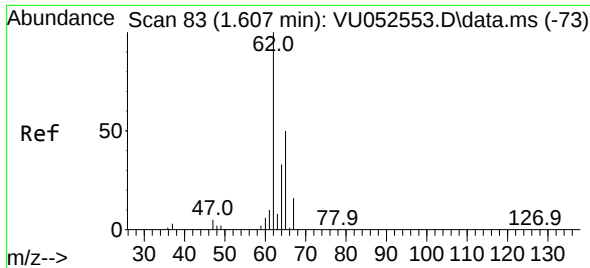
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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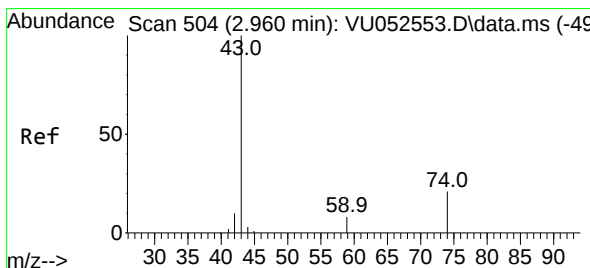
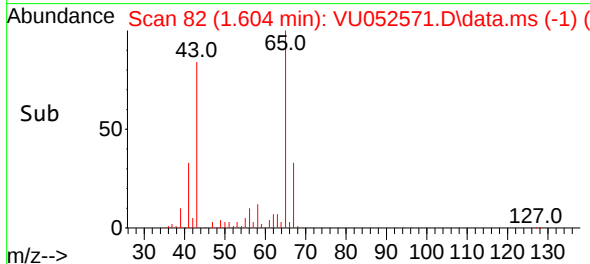
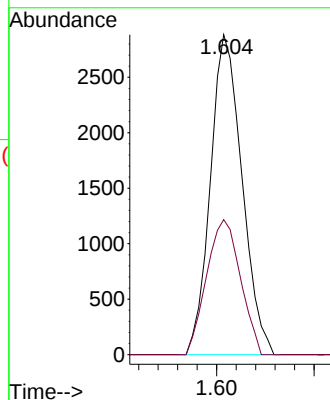
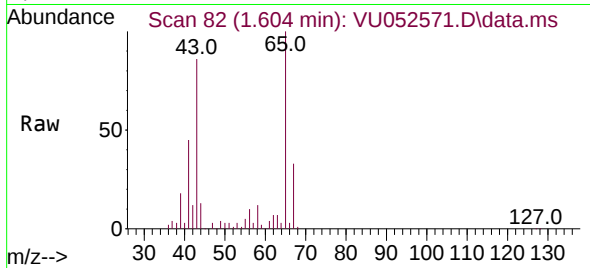




#5
 Vinyl chloride
 Concen: 0.153 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052571.D
 Acq: 27 Dec 2022 17:48

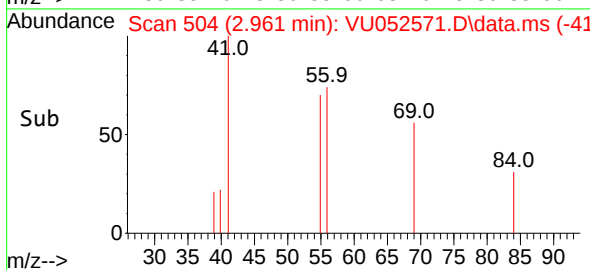
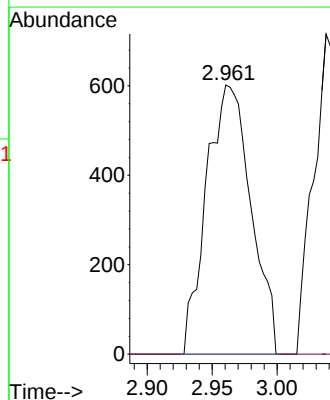
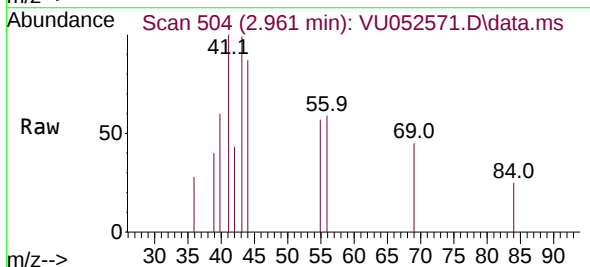
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB4DL

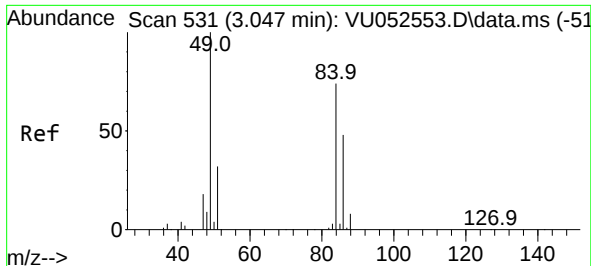
Tgt Ion: 62 Resp: 3243
 Ion Ratio Lower Upper
 62 100
 64 42.2 24.4 45.4



#15
 Methyl Acetate
 Concen: 0.154 ug/L
 RT: 2.961 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU052571.D
 Acq: 27 Dec 2022 17:48

Tgt Ion: 43 Resp: 1437
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.9 25.3#

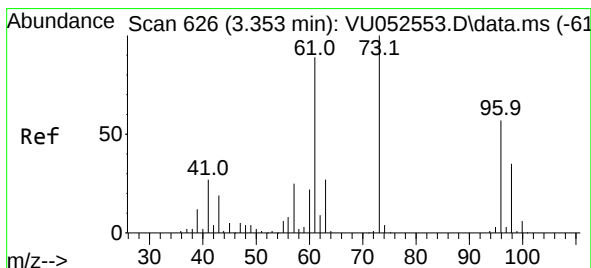
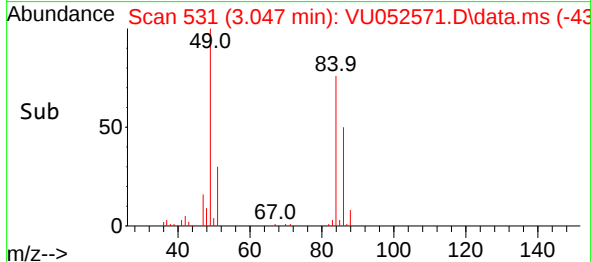
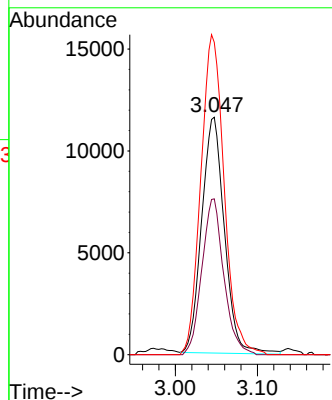
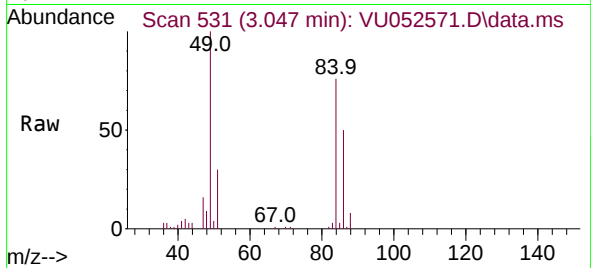




#16
Methylene chloride
Concen: 1.156 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052571.D
Acq: 27 Dec 2022 17:48

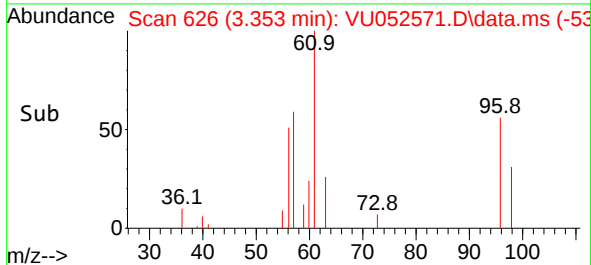
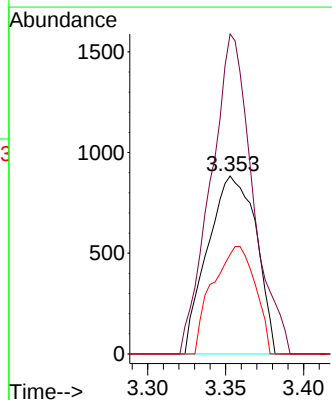
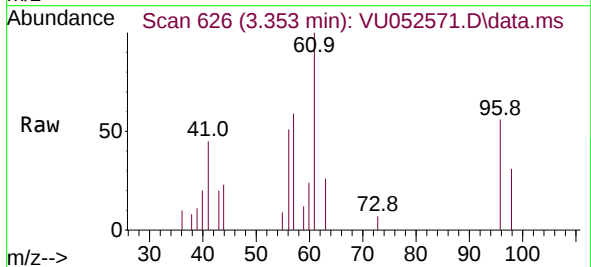
Instrument :
MSVOA_U
ClientSampleId :
GBQB4DL

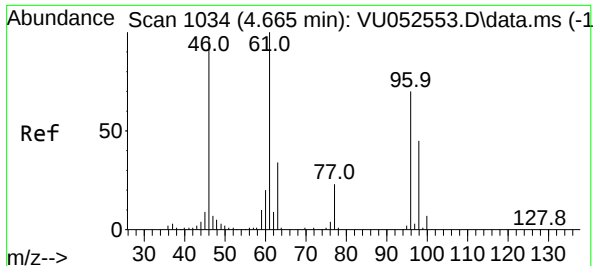
Tgt Ion: 84 Resp: 22304
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 131.5 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052571.D
Acq: 27 Dec 2022 17:48

Tgt Ion: 96 Resp: 1909
Ion Ratio Lower Upper
96 100
61 180.0 108.3 201.1
98 55.9 44.0 81.6

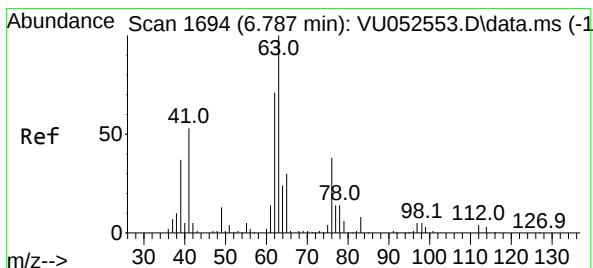
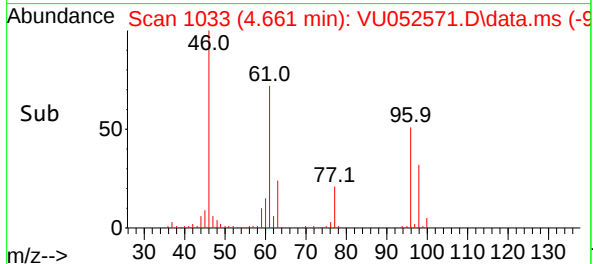
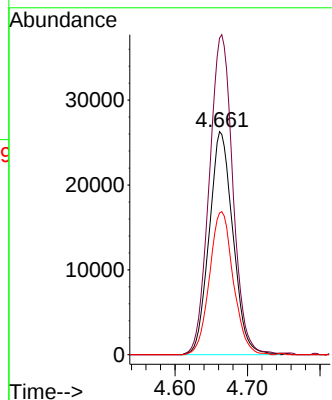
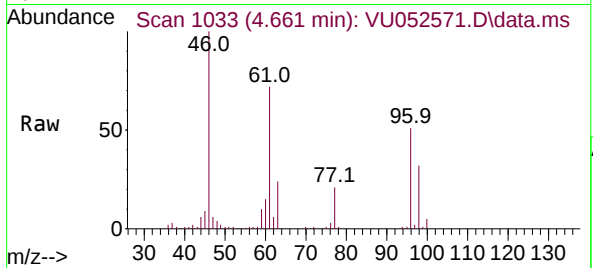




#22
 cis-1,2-Dichloroethene
 Concen: 3.882 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052571.D
 Acq: 27 Dec 2022 17:48

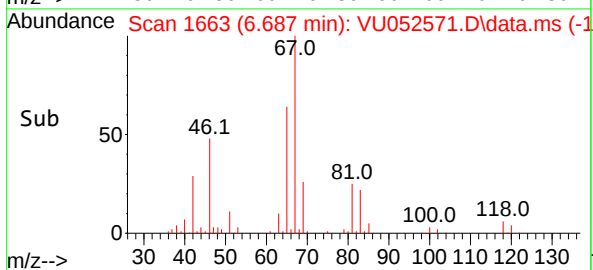
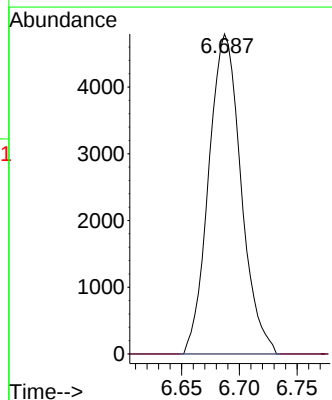
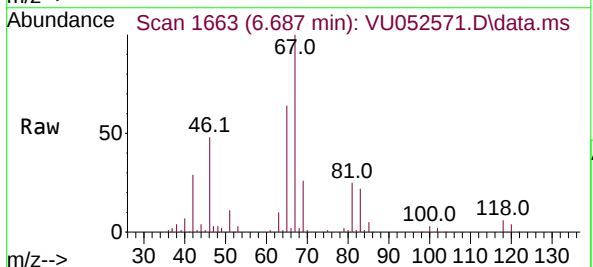
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB4DL

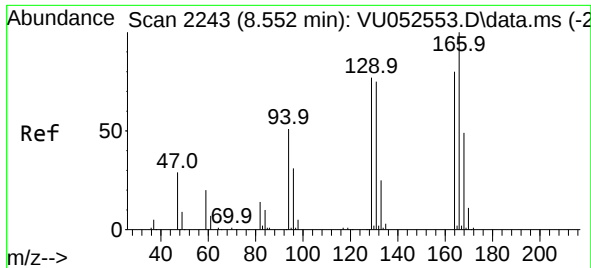
Tgt Ion: 96 Resp: 59947
 Ion Ratio Lower Upper
 96 100
 61 141.9 96.9 180.1
 98 63.6 44.7 83.1



#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.100 min
 Lab File: VU052571.D
 Acq: 27 Dec 2022 17:48

Tgt Ion: 63 Resp: 9343
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

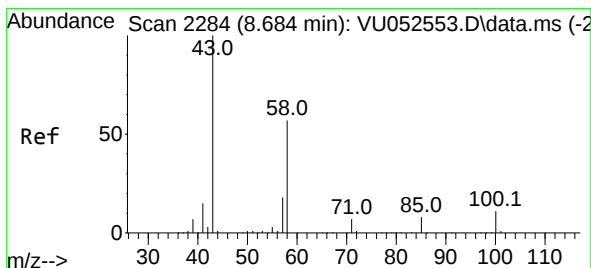
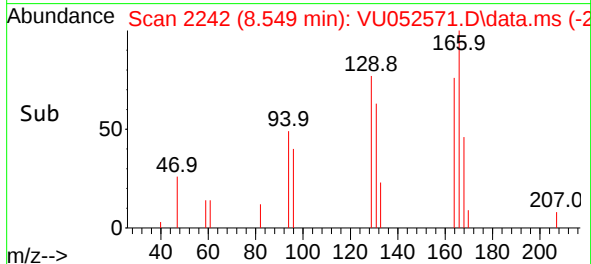
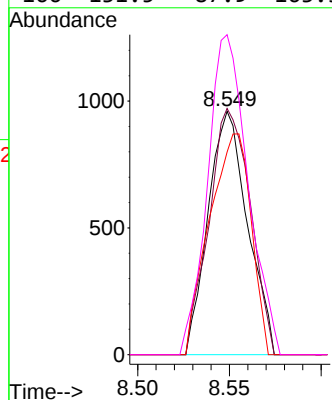
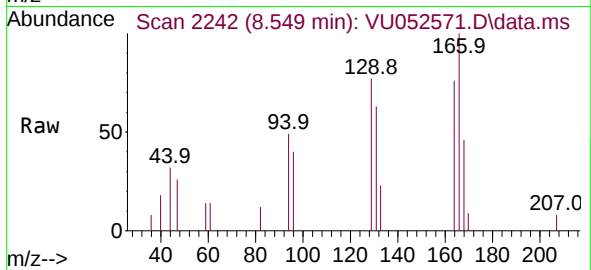




#47
Tetrachloroethene
Concen: 0.138 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052571.D
Acq: 27 Dec 2022 17:48

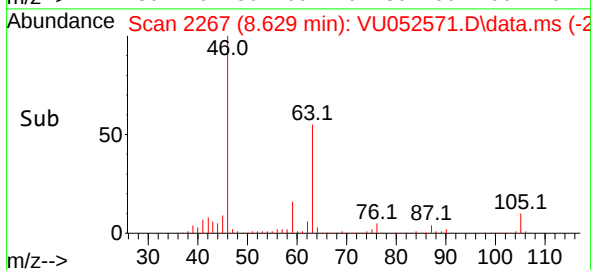
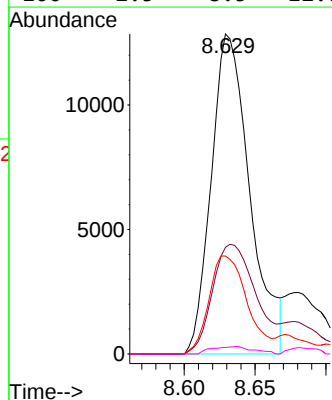
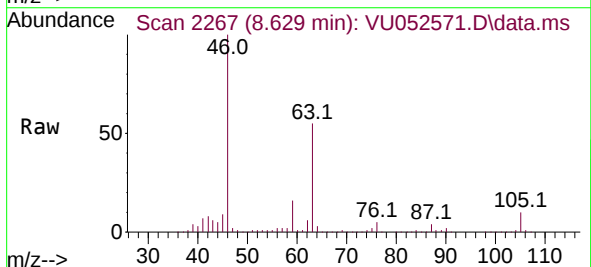
Instrument :
MSVOA_U
ClientSampleId :
GBQB4DL

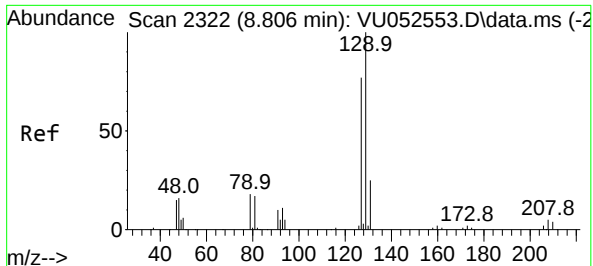
Tgt Ion:164	Resp:	1435
Ion	Ratio	Lower Upper
164	100	
129	101.1	68.1 126.5
131	83.2	66.5 123.5
166	131.5	87.9 163.3



#48
2-Hexanone
Concen: 2.489 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.055 min
Lab File: VU052571.D
Acq: 27 Dec 2022 17:48

Tgt Ion: 43	Resp:	24384
Ion	Ratio	Lower Upper
43	100	
58	38.1	44.1 66.1#
57	30.1	14.6 21.8#
100	2.5	8.5 12.7#





#49

Dibromochloromethane

Concen: 0.114 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052571.D

Acq: 27 Dec 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

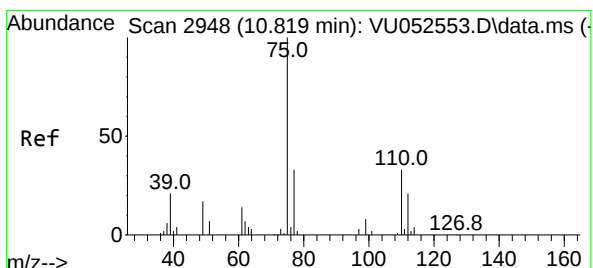
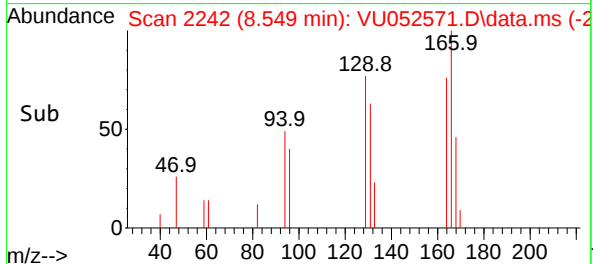
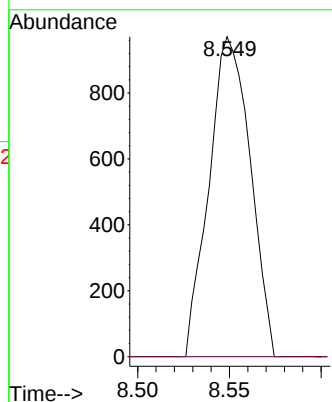
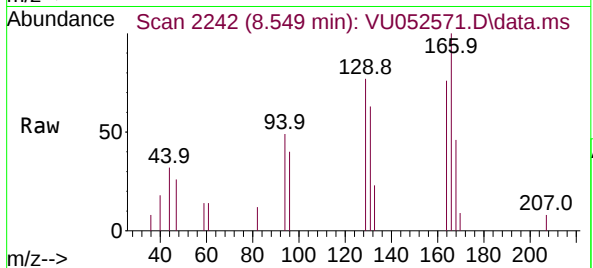
GBQB4DL

Tgt Ion:129 Resp: 1518

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.000 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052571.D

Acq: 27 Dec 2022 17:48

Tgt Ion: 75 Resp: 11235

Ion Ratio Lower Upper

75 100

110 1.3 27.9 41.9#

77 29.9 25.9 38.9

