

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061631.D
 Acq On : 13 Nov 2024 18:05
 Operator : MD/SY
 Sample : P4747-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCPC9

Quant Time: Nov 14 01:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:27:20 2024
 Response via : Initial Calibration

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

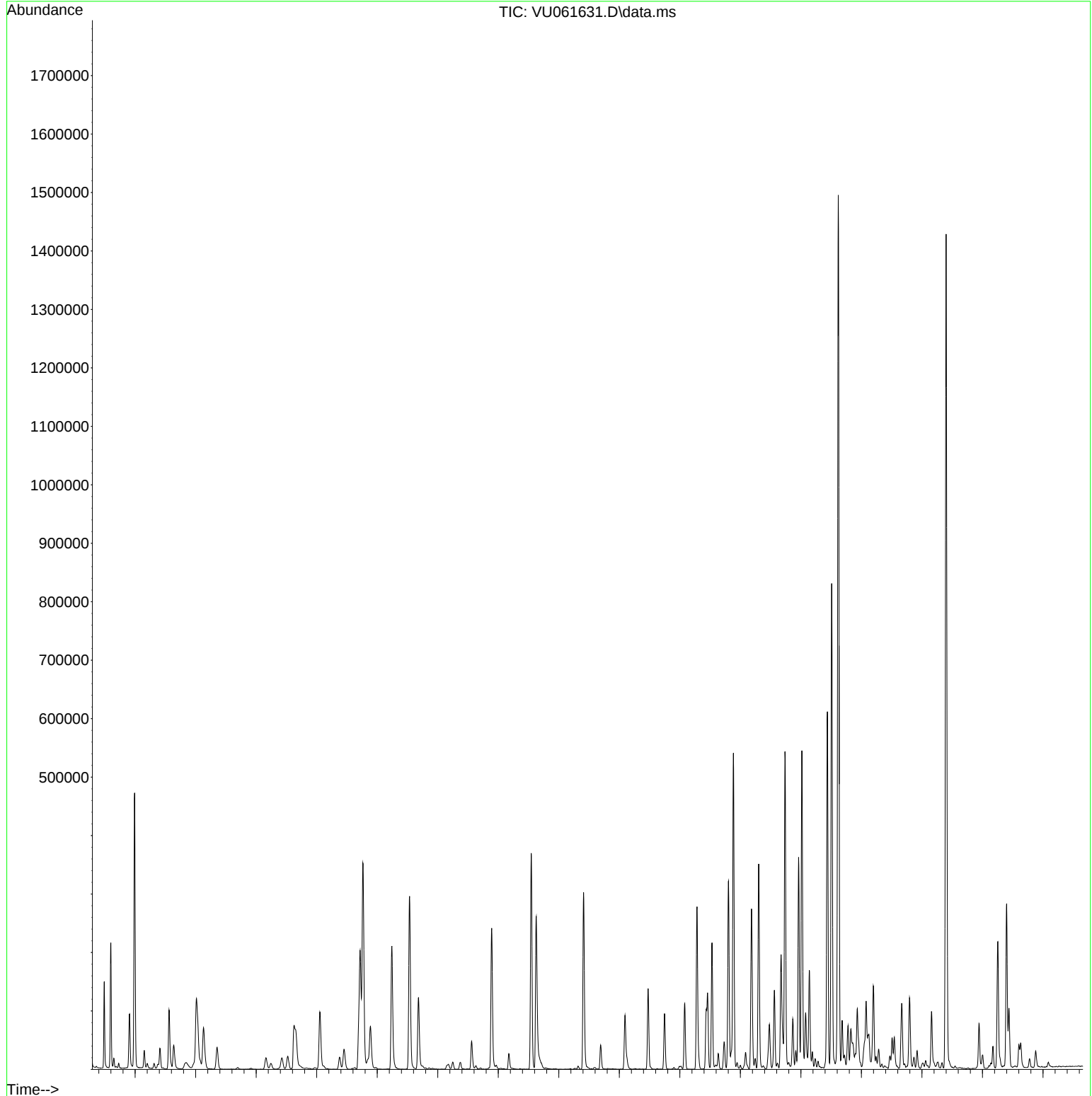
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	185135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38492	3.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.911	69	44823	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	19041	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.624	46	112171	44.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.360%
24) Chloroform-d	5.052	84	93824	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.692	65	47959	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.718	84	196765	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.679	67	59802	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.891	98	172498	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.174	79	16843	3.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.624	63	92201	45.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47502	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	64813	4.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3911	0.284	ug/L	85
13) Acetone	2.637	43	52151	32.603	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	24245	1.754	ug/L	98
30) Cyclohexane	5.377	56	10309	0.527	ug/L	99
33) Benzene	5.763	78	352410	6.767	ug/L	100
34) Trichloroethene	6.534	95	104892	7.459	ug/L	94
47) Tetrachloroethene	8.544	164	80762	7.643	ug/L	99
53) m,p-Xylene	9.692	106	13234	0.579	ug/L	99
54) o-Xylene	10.094	106	25067	1.129	ug/L	99
55) Styrene	10.113	104	10237	0.289	ug/L	92
60) Isopropylbenzene	10.476	105	90921	1.530	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	62713	1.318	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	65738	1.420	ug/L	99

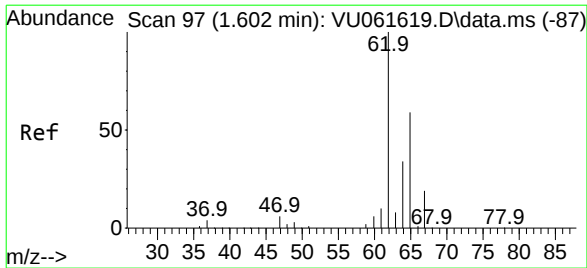
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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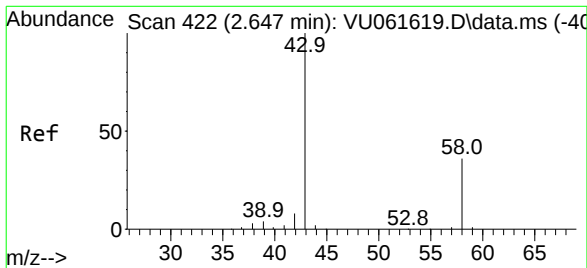
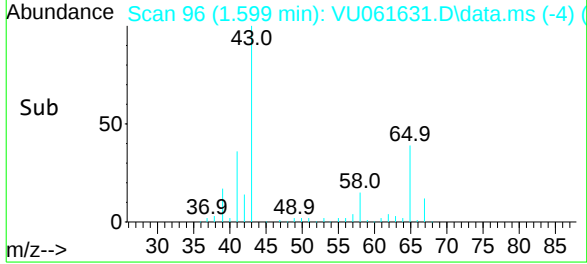
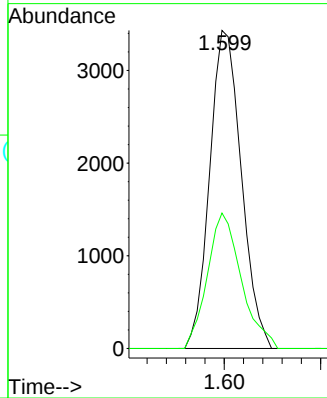
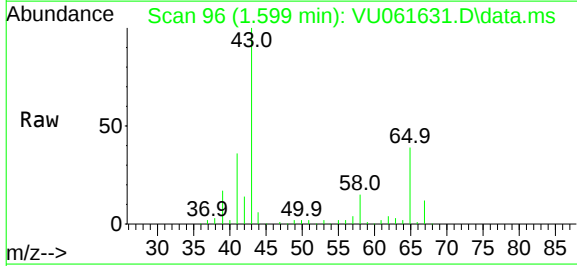




#5
 Vinyl chloride
 Concen: 0.284 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU061631.D
 Acq: 13 Nov 2024 18:05

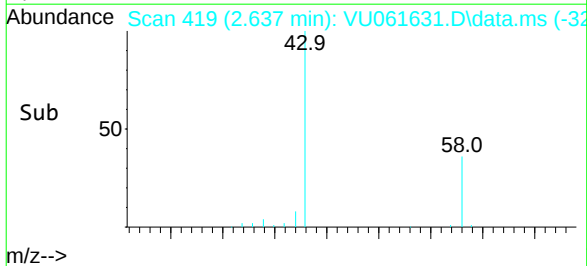
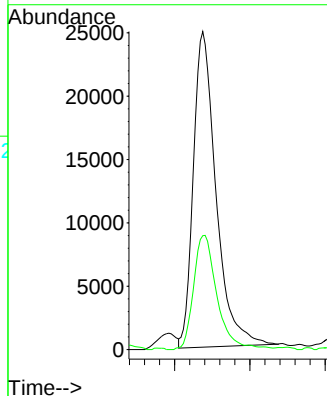
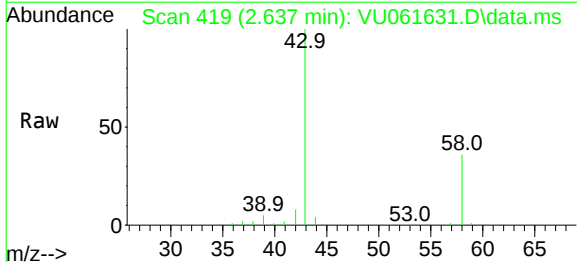
Instrument :
 MSVOA_U
 ClientSampleId :
 GCPC9

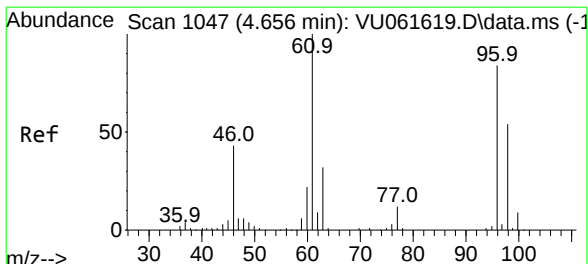
Tgt Ion: 62 Resp: 3911
 Ion Ratio Lower Upper
 62 100
 64 42.6 23.7 44.1



#13
 Acetone
 Concen: 32.603 ug/L
 RT: 2.637 min Scan# 419
 Delta R.T. -0.010 min
 Lab File: VU061631.D
 Acq: 13 Nov 2024 18:05

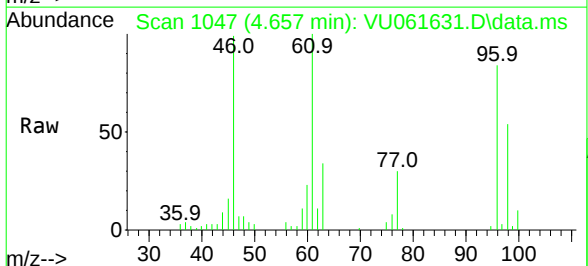
Tgt Ion: 43 Resp: 52151
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 69.8



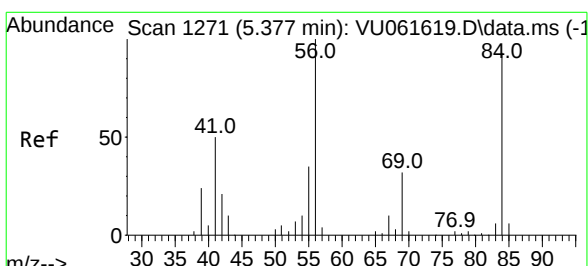
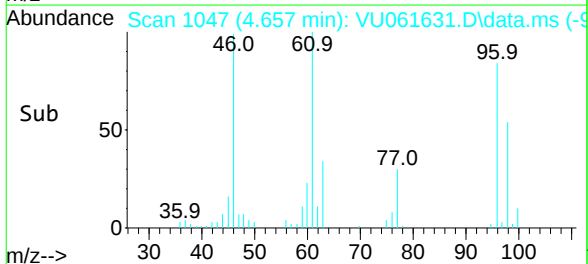
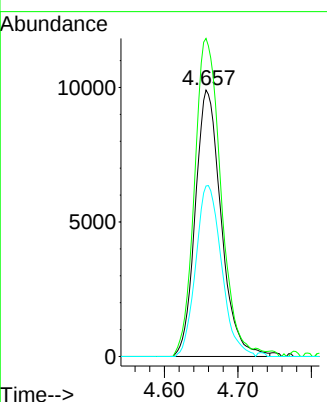


#22
 cis-1,2-Dichloroethene
 Concen: 1.754 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061631.D
 Acq: 13 Nov 2024 18:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GCPC9

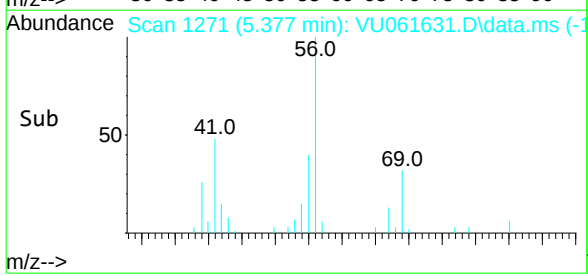
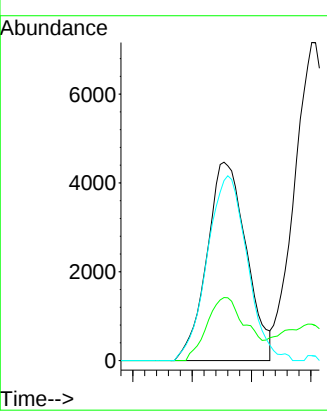
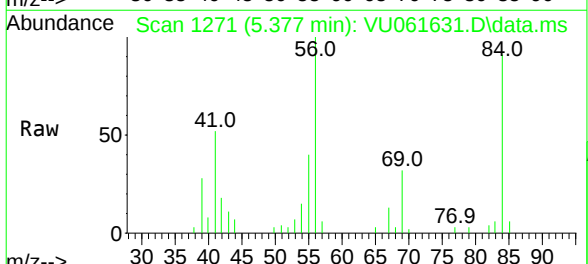


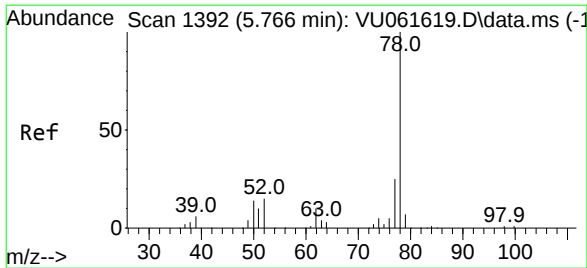
Tgt Ion:	96	Resp:	24245
Ion	Ratio	Lower	Upper
96	100		
61	119.4	85.6	159.0
98	64.0	45.6	84.8



#30
 Cyclohexane
 Concen: 0.527 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: VU061631.D
 Acq: 13 Nov 2024 18:05

Tgt Ion:	56	Resp:	10309
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.6	38.4
84	94.4	74.3	111.5





#33

Benzene

Concen: 6.767 ug/L

RT: 5.763 min Scan# 13

Delta R.T. -0.003 min

Lab File: VU061631.D

Acq: 13 Nov 2024 18:05

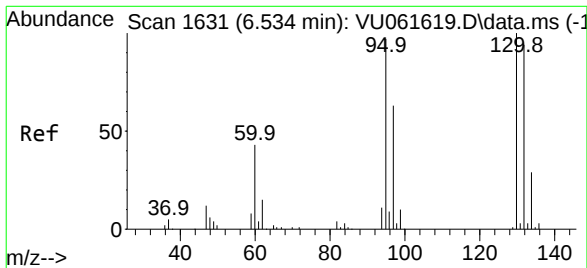
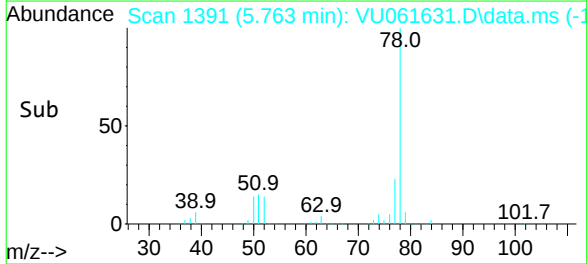
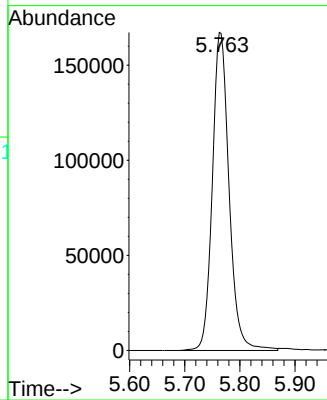
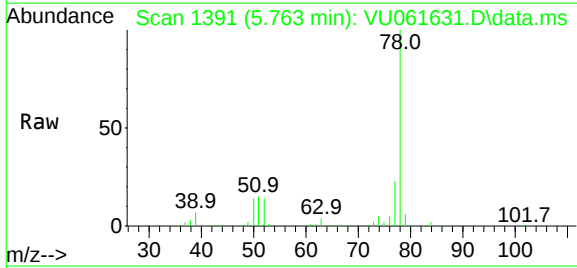
Instrument :

MSVOA_U

ClientSampleId :

GCPC9

Tgt Ion: 78 Resp: 352410



#34

Trichloroethene

Concen: 7.459 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU061631.D

Acq: 13 Nov 2024 18:05

Tgt Ion: 95 Resp: 104892

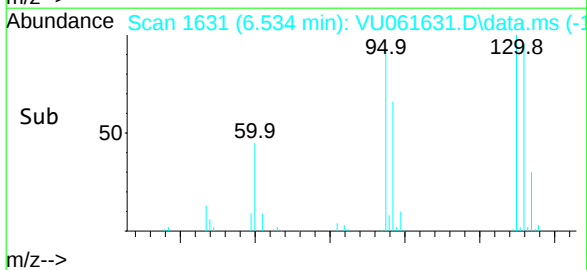
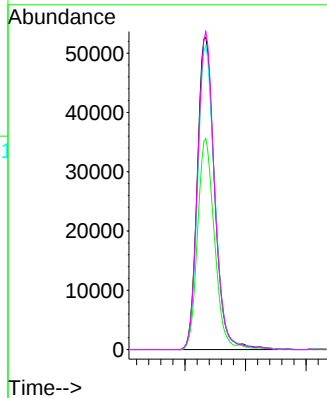
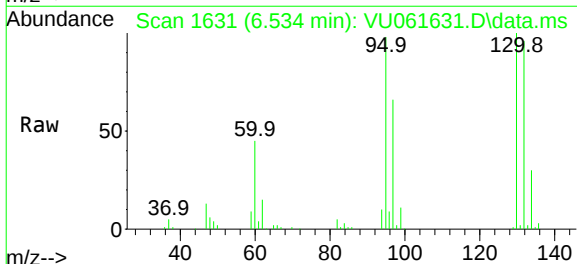
Ion Ratio Lower Upper

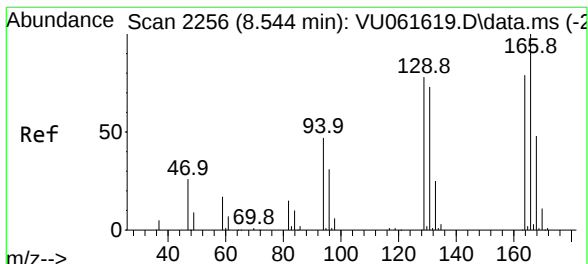
95 100

97 67.6 43.5 80.9

132 97.5 65.2 121.0

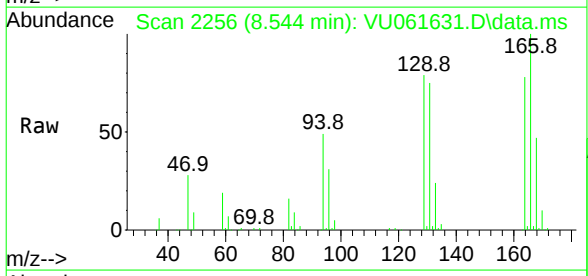
130 101.9 67.5 125.3





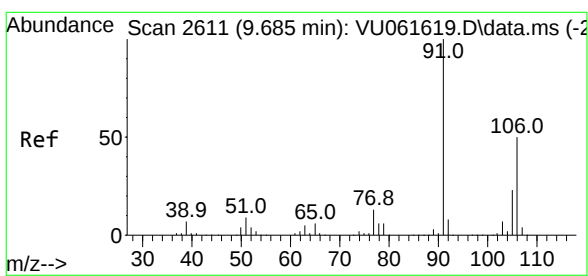
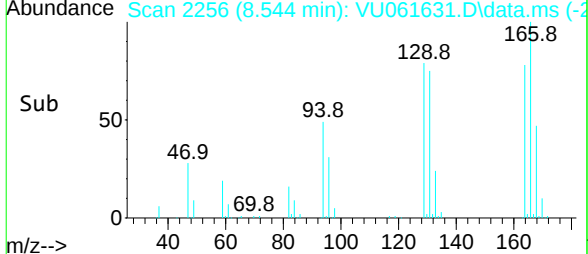
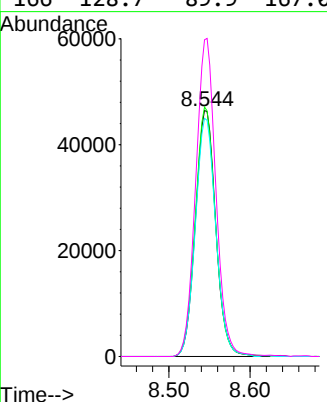
#47
Tetrachloroethene
Concen: 7.643 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061631.D
Acq: 13 Nov 2024 18:05

Instrument :
MSVOA_U
ClientSampleId :
GCPC9



Tgt Ion:164 Resp: 80762

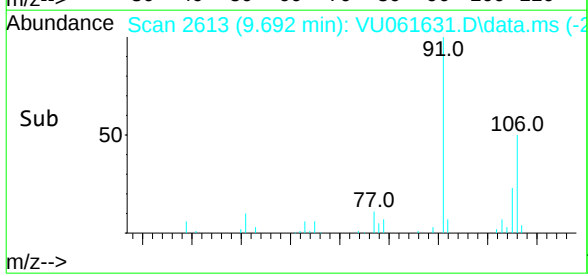
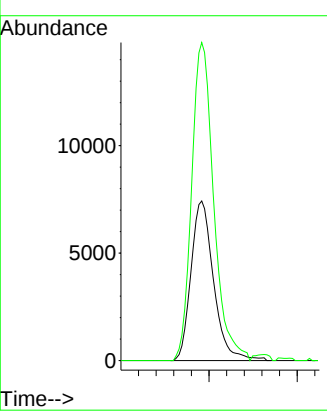
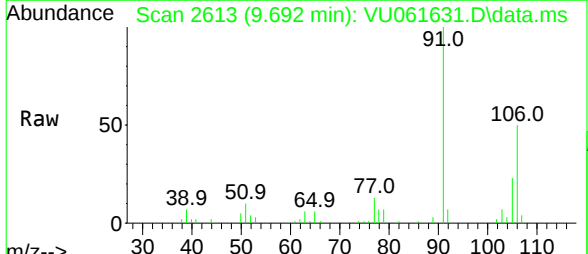
Ion	Ratio	Lower	Upper
164	100		
129	101.4	71.7	133.3
131	96.8	68.2	126.6
166	128.7	89.9	167.0

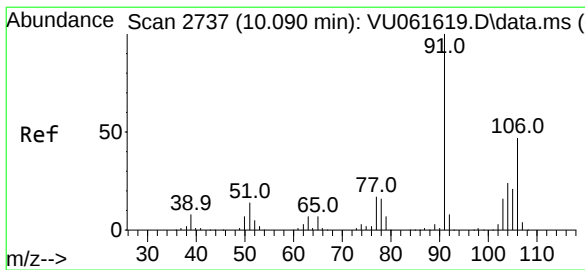


#53
m,p-Xylene
Concen: 0.579 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061631.D
Acq: 13 Nov 2024 18:05

Tgt Ion:106 Resp: 13234

Ion	Ratio	Lower	Upper
106	100		
91	199.3	140.4	260.8





#54

o-Xylene

Concen: 1.129 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU061631.D

Acq: 13 Nov 2024 18:05

Instrument :

MSVOA_U

ClientSampleId :

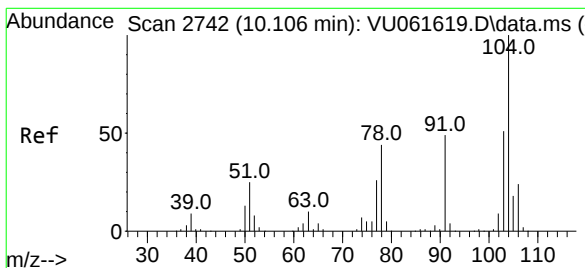
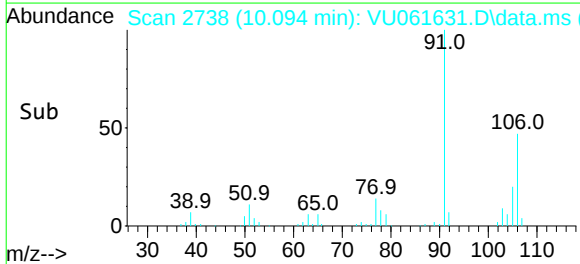
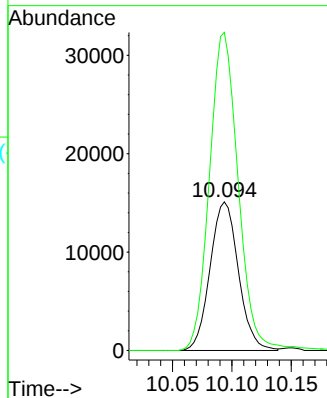
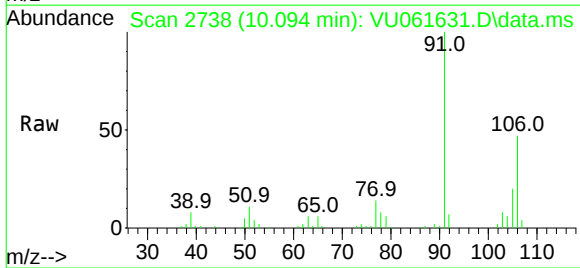
GCPC9

Tgt Ion:106 Resp: 25067

Ion Ratio Lower Upper

106 100

91 214.0 151.3 280.9



#55

Styrene

Concen: 0.289 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.007 min

Lab File: VU061631.D

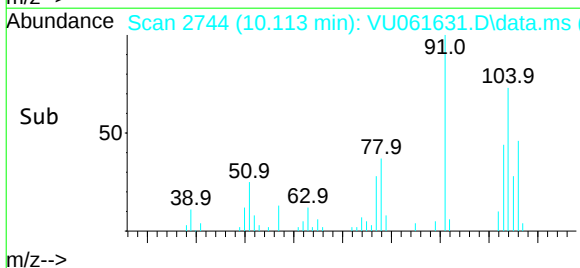
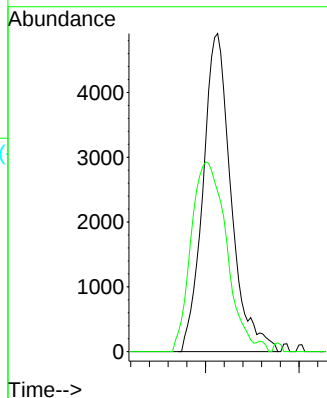
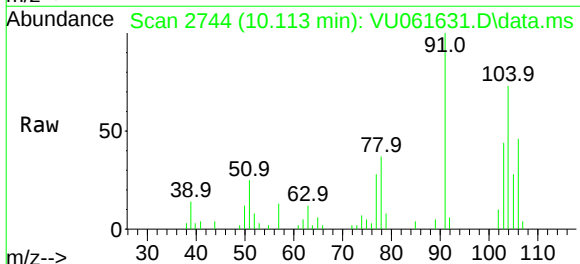
Acq: 13 Nov 2024 18:05

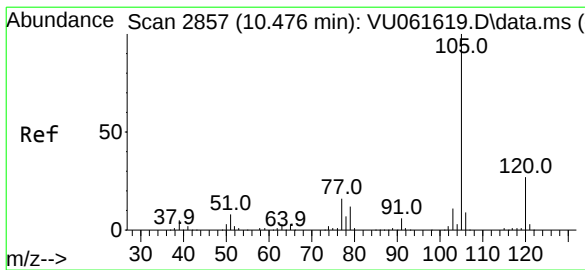
Tgt Ion:104 Resp: 10237

Ion Ratio Lower Upper

104 100

78 50.4 31.6 58.6





#60

Isopropylbenzene

Concen: 1.530 ug/L

RT: 10.476 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU061631.D

Acq: 13 Nov 2024 18:05

Instrument :

MSVOA_U

ClientSampleId :

GCPC9

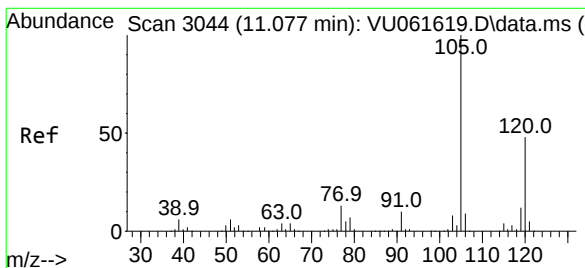
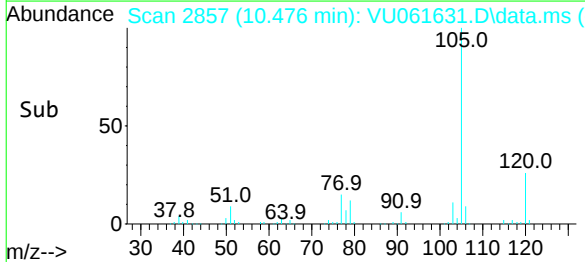
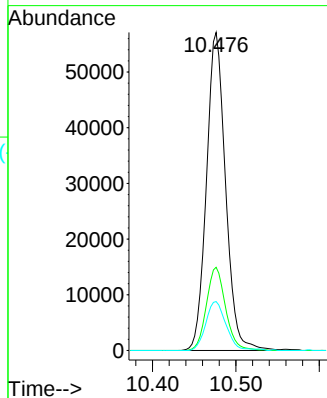
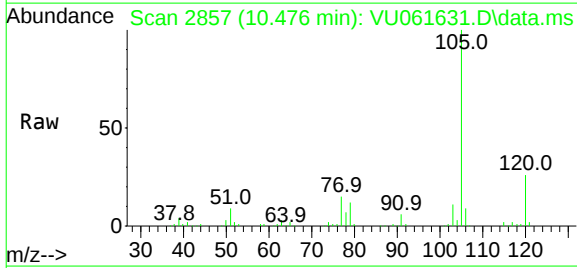
Tgt Ion:105 Resp: 90921

Ion Ratio Lower Upper

105 100

120 26.3 21.6 32.4

77 16.3 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 1.318 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061631.D

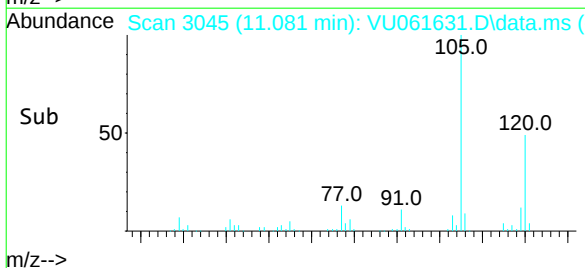
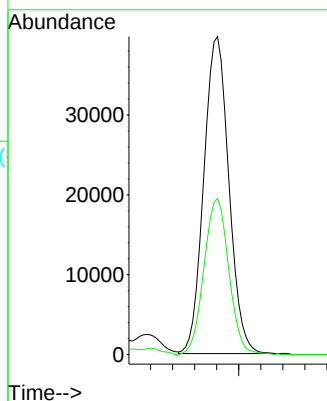
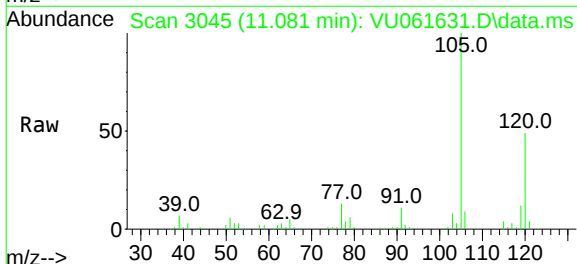
Acq: 13 Nov 2024 18:05

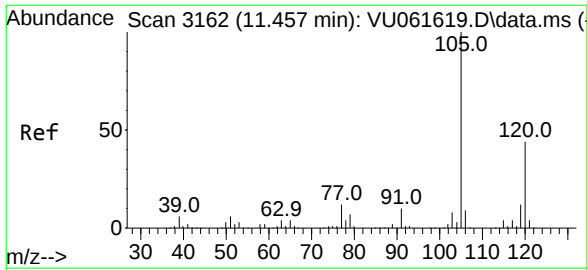
Tgt Ion:105 Resp: 62713

Ion Ratio Lower Upper

105 100

120 48.9 38.5 57.7





#63
 1,2,4-Trimethylbenzene
 Concen: 1.420 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU061631.D
 Acq: 13 Nov 2024 18:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GCPC9

Tgt Ion:105 Resp: 65738
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.3 54.5

