Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028735.D
Acq On : 27 Oct 2022 23:02
Operator : SY/MD
Sample : N5232-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Quant Time: Oct 28 05:37:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	204076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	191074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	86497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46776	3.296	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.000%			
7) Chloroethane-d5	1.564	69	46193	3.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.000%			
11) 1,1-Dichloroethene-d2	2.105	63	72893	2.655	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.200%#			
20) 2-Butanone-d5	3.896	46	193260	59.716	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.440%			
24) Chloroform-d	4.343	84	98902	4.013	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.200%			
26) 1,2-Dichloroethane-d4	5.031	65	54110	4.327	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
32) Benzene-d6	5.047	84	188616	3.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.800%			
36) 1,2-Dichloropropane-d6	6.066	67	70680	4.370	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.400%			
41) Toluene-d8	7.313	98	148372	3.721	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.400%			
43) trans-1,3-Dichloroprop...	7.625	79	15661	3.116	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.400%			
46) 2-Hexanone-d5	8.088	63	131900	56.385	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.760%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52943	4.935	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	55427	4.646	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.198	85	1226	0.142	ug/L	92
3) Chloromethane	1.233	50	1016	0.063	ug/L	98
6) Bromomethane	1.519	94	1287	0.169	ug/L	97
8) Chloroethane	1.584	64	11640	1.072	ug/L #	62
14) Carbon disulfide	2.288	76	2188	0.084	ug/L #	87
19) 1,1-Dichloroethane	3.188	63	9689	0.356	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	775	0.057	ug/L #	87
30) Cyclohexane	4.670	56	1549	0.065	ug/L #	88
33) Benzene	5.108	78	2762	0.048	ug/L	100
35) Methylcyclohexane	6.066	83	16665	0.853	ug/L #	16
51) Chlorobenzene	8.876	112	416887	12.227	ug/L	97
53) m,p-Xylene	9.140	106	2356	0.108	ug/L	76
57) 1,1,2,2-Tetrachloroethane	10.230	83	1126	0.100	ug/L #	19
60) Isopropylbenzene	9.928	105	4474	0.082	ug/L #	82
61) 1,2,3-Trichloropropane	11.265	75	35397	4.766	ug/L #	49
62) 1,3,5-Trimethylbenzene	10.927	105	853	0.054	ug/L	88
65) 1,4-Dichlorobenzene	11.265	146	59833	2.558	ug/L	98
71) Naphthalene	13.503	128	2067	0.089	ug/L #	78

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028735.D
Acq On : 27 Oct 2022 23:02
Operator : SY/MD
Sample : N5232-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Quant Time: Oct 28 05:37:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028735.D
Acq On : 27 Oct 2022 23:02
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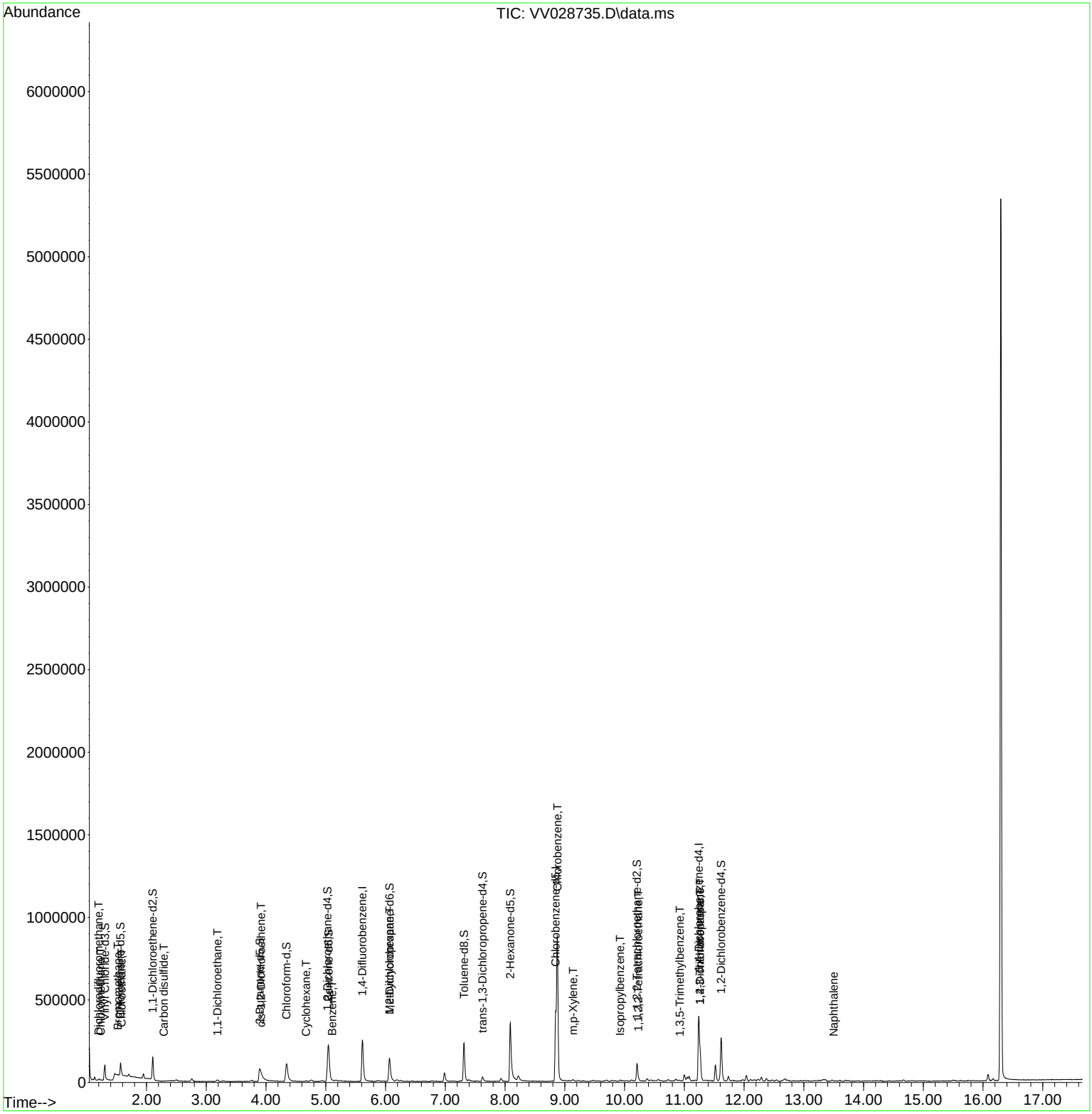
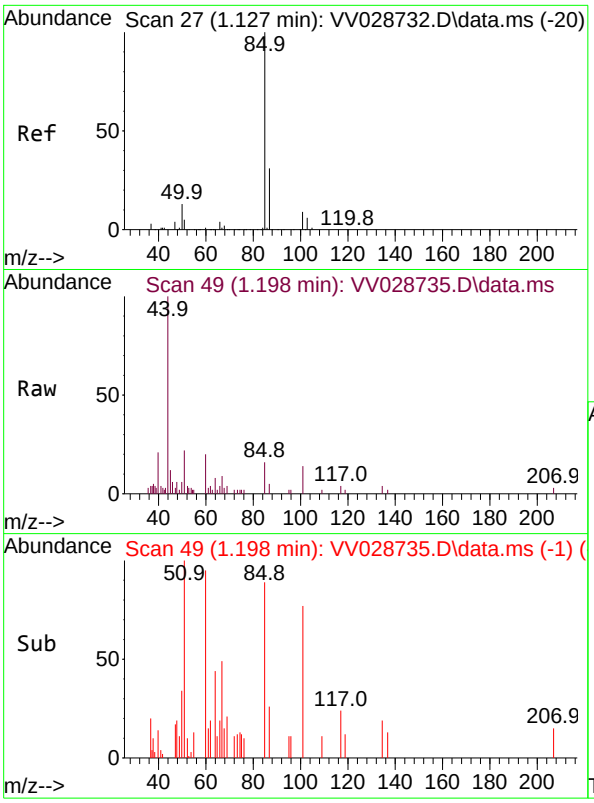
Quant Time: Oct 28 05:37:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration



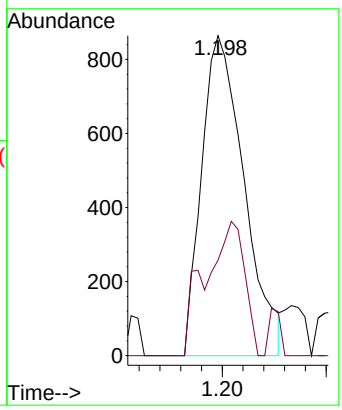


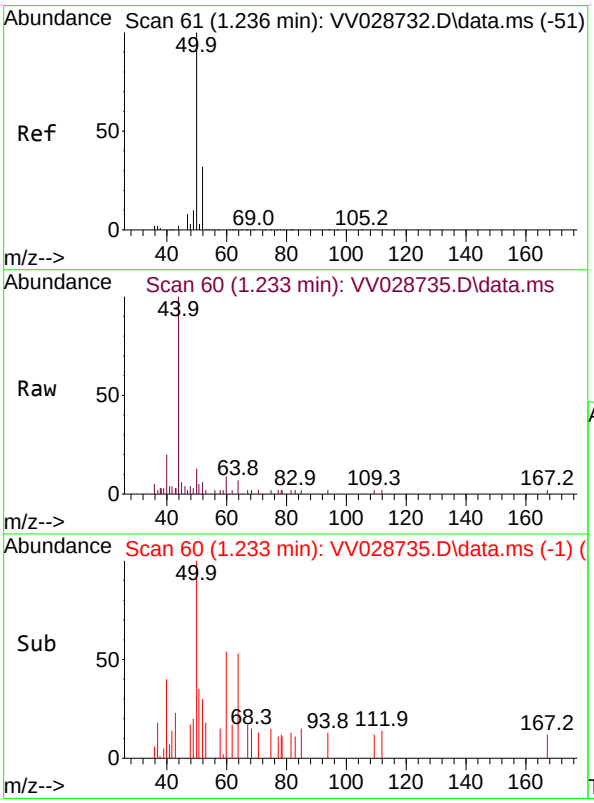
#2
Dichlorodifluoromethane
Concen: 0.142 ug/L
RT: 1.198 min Scan# 4
Delta R.T. 0.071 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 85 Resp: 1226

Ion	Ratio	Lower	Upper
85	100		
87	28.8	26.6	40.0

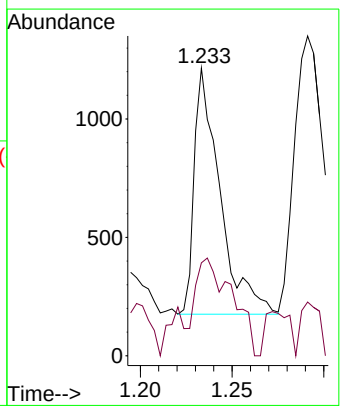


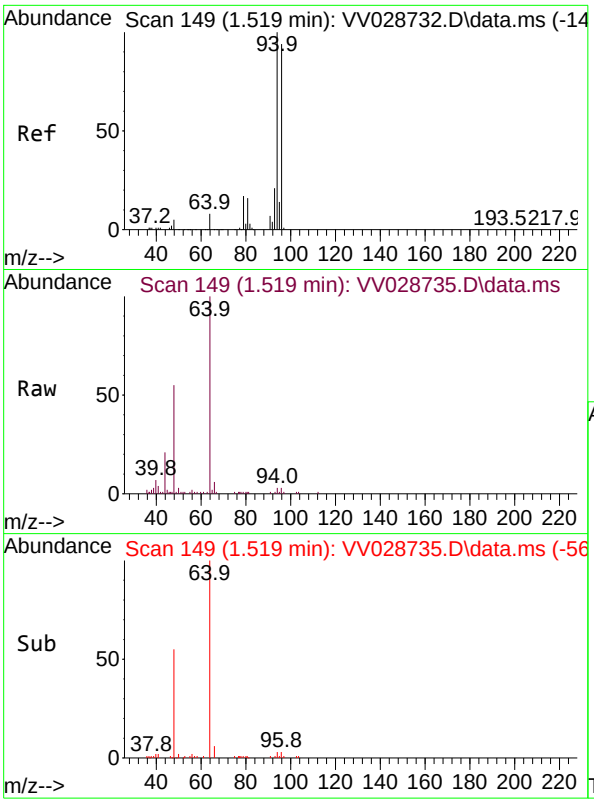


#3
Chloromethane
Concen: 0.063 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion: 50 Resp: 1016

Ion	Ratio	Lower	Upper
50	100		
52	32.3	21.8	40.6



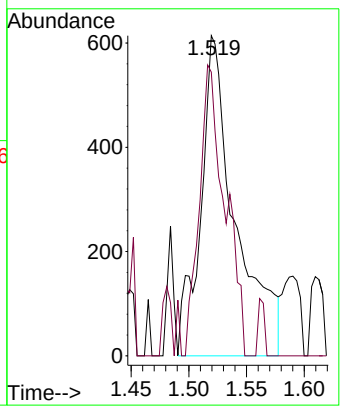


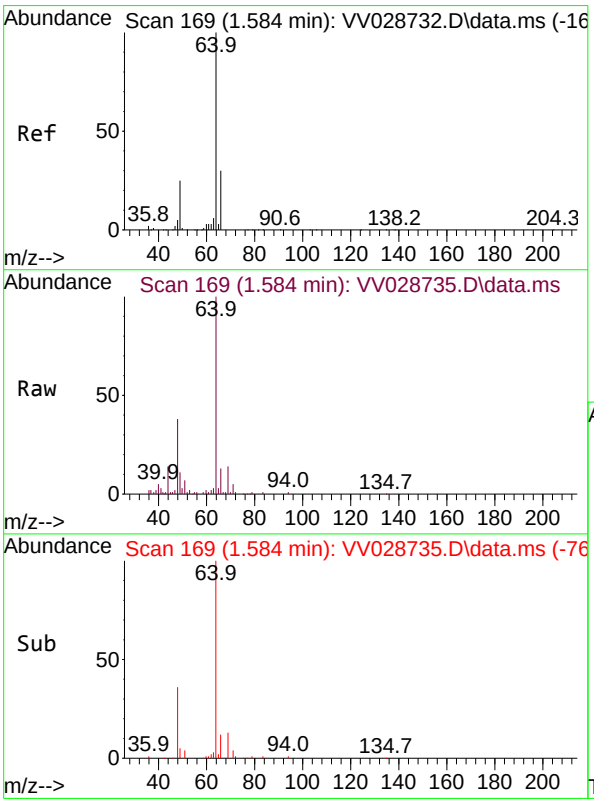
#6
Bromomethane
Concen: 0.169 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 94 Resp: 1287

Ion	Ratio	Lower	Upper
94	100		
96	88.6	64.3	119.3

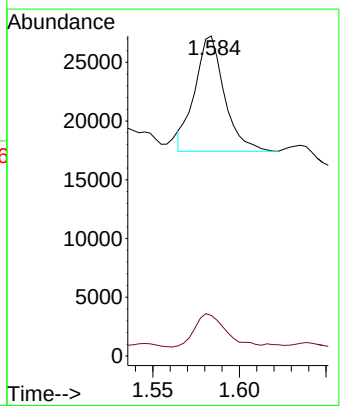


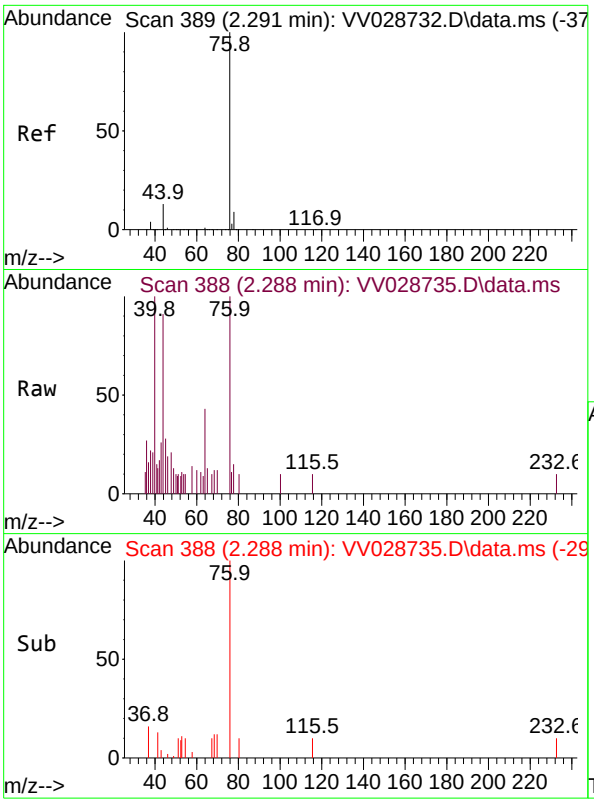


#8
Chloroethane
Concen: 1.072 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion: 64 Resp: 11640

Ion	Ratio	Lower	Upper
64	100		
66	12.6	23.9	44.5#



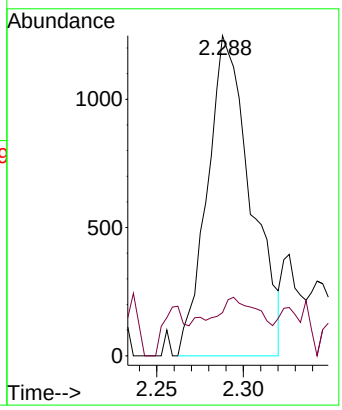


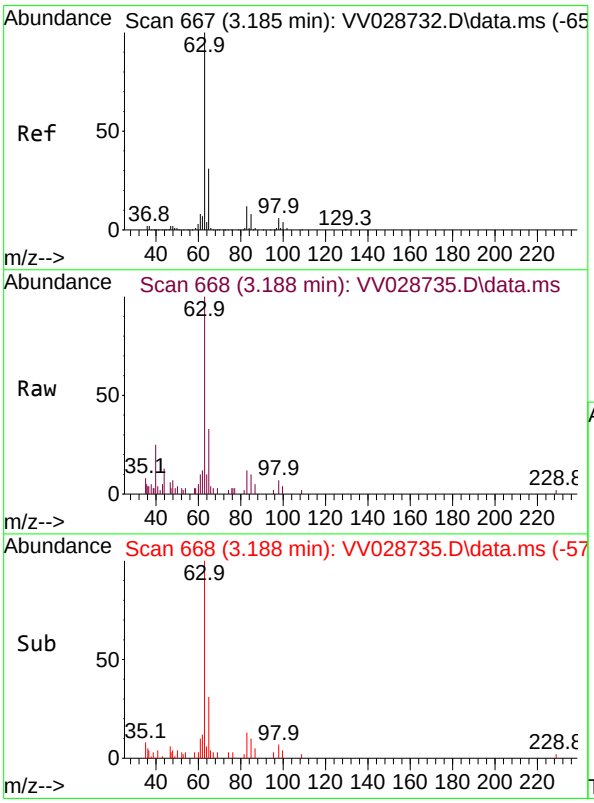
#14
Carbon disulfide
Concen: 0.084 ug/L
RT: 2.288 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 76 Resp: 2188

Ion	Ratio	Lower	Upper
76	100		
78	13.5	7.1	10.7#

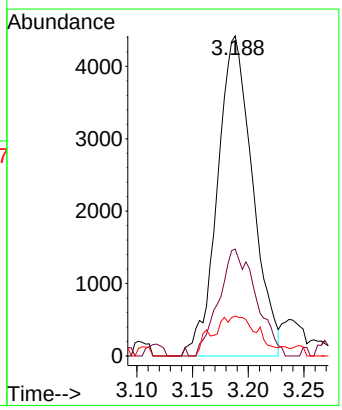


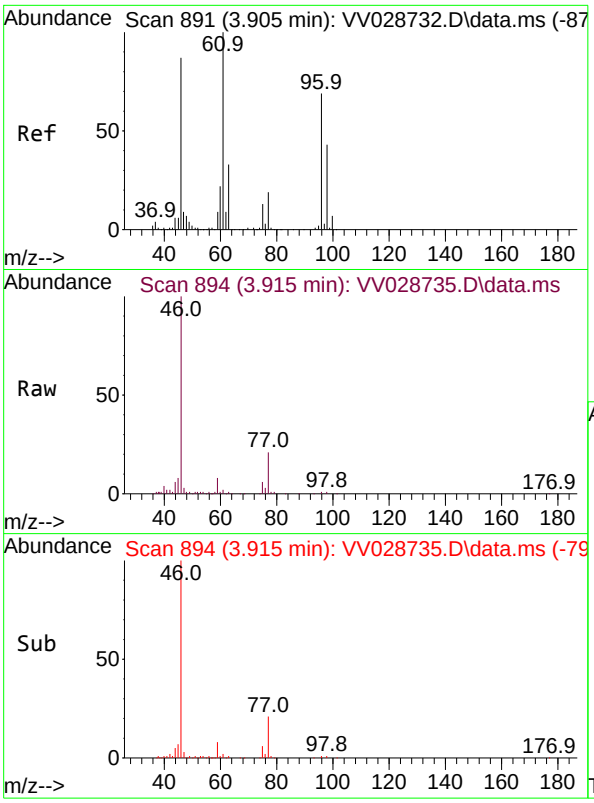


#19
1,1-Dichloroethane
Concen: 0.356 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion: 63 Resp: 9689

Ion	Ratio	Lower	Upper
63	100		
65	37.1	23.1	42.9
83	12.4	7.9	14.7



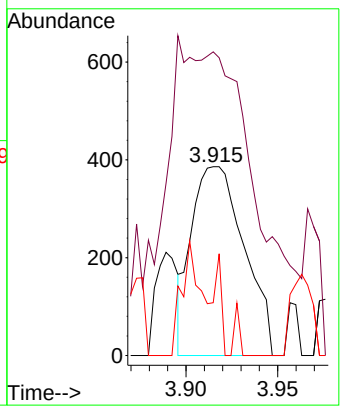


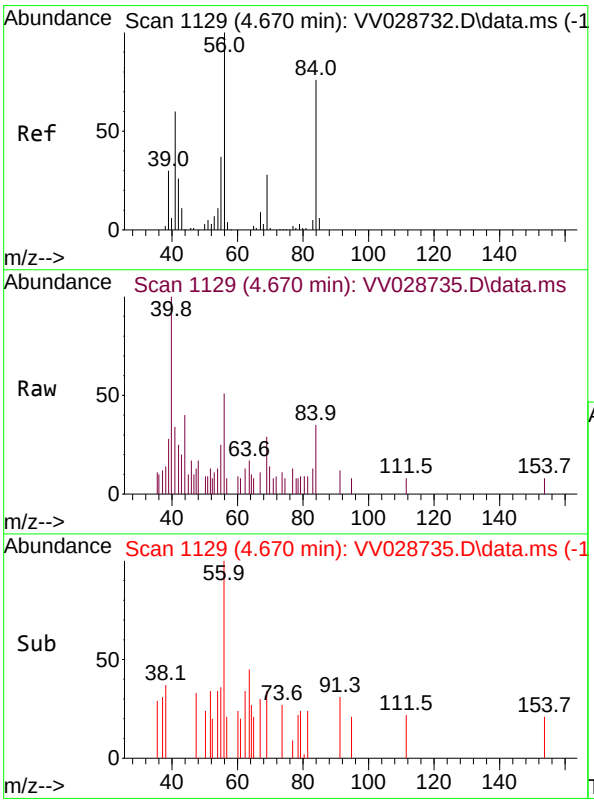
#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 3.915 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 96 Resp: 775

Ion	Ratio	Lower	Upper
96	100		
61	160.9	101.4	188.2
68	28.0	0.5	0.9#

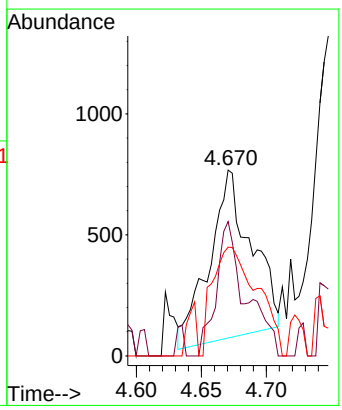


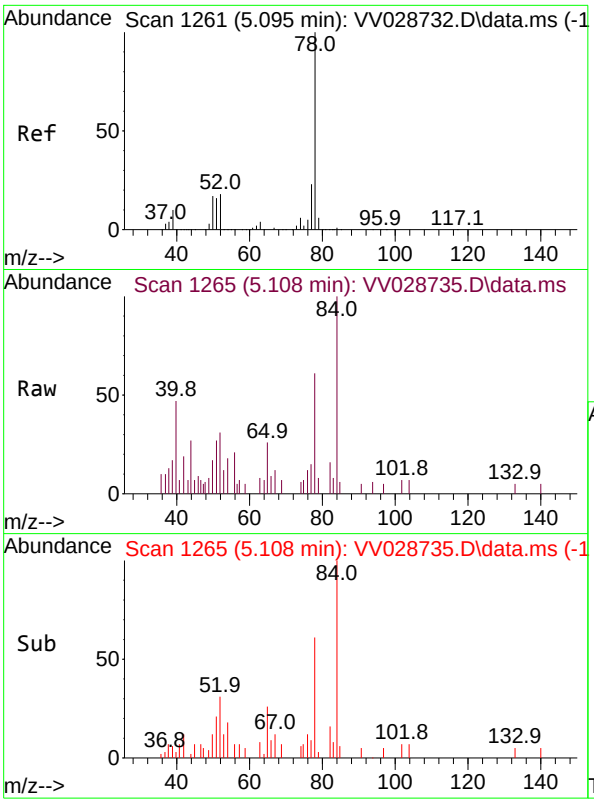


#30
Cyclohexane
Concen: 0.065 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion: 56 Resp: 1549

Ion	Ratio	Lower	Upper
56	100		
69	41.4	22.6	34.0#
84	69.4	60.4	90.6

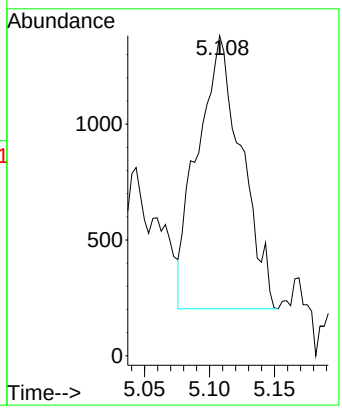


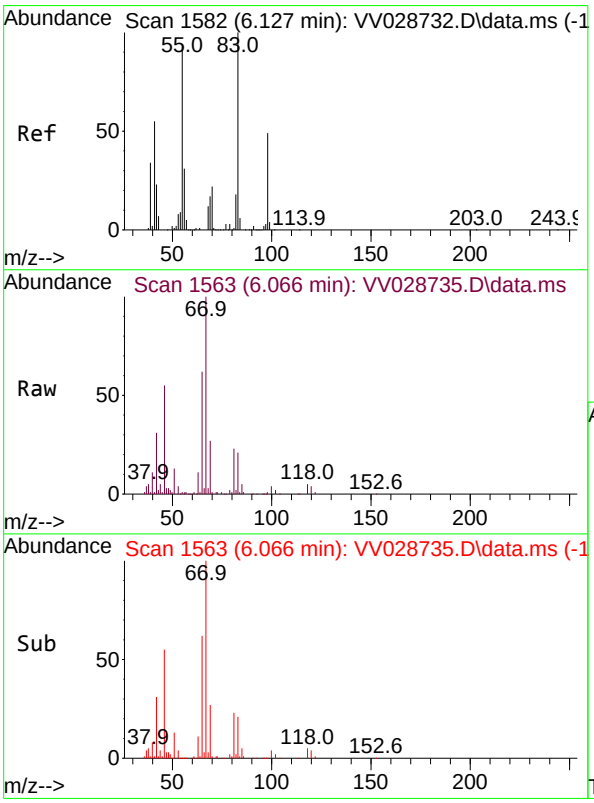


#33
Benzene
Concen: 0.048 ug/L
RT: 5.108 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 78 Resp: 2762

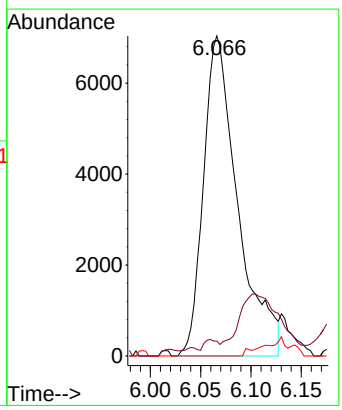


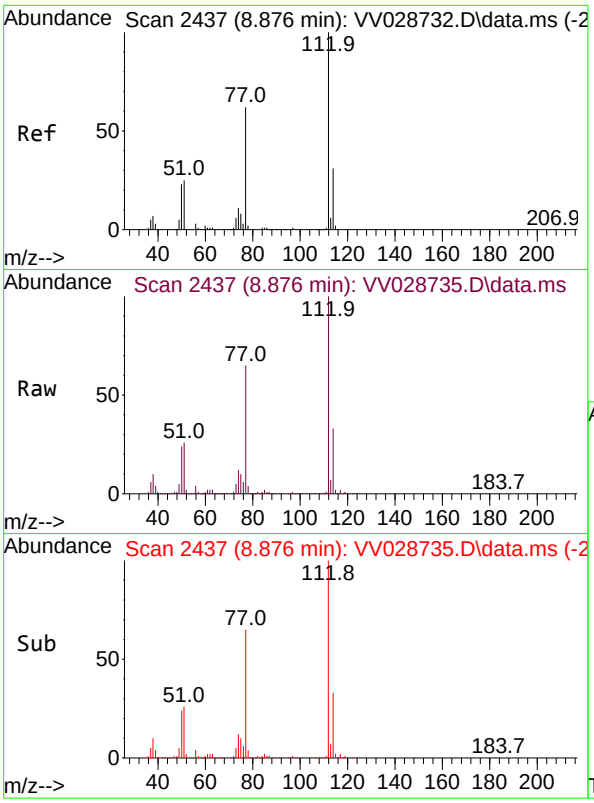


#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion: 83 Resp: 16665

Ion	Ratio	Lower	Upper
83	100		
55	2.0	70.0	105.0#
98	0.0	35.6	53.4#



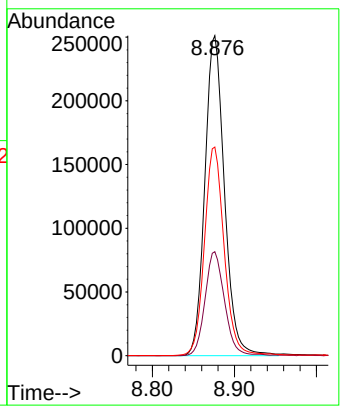


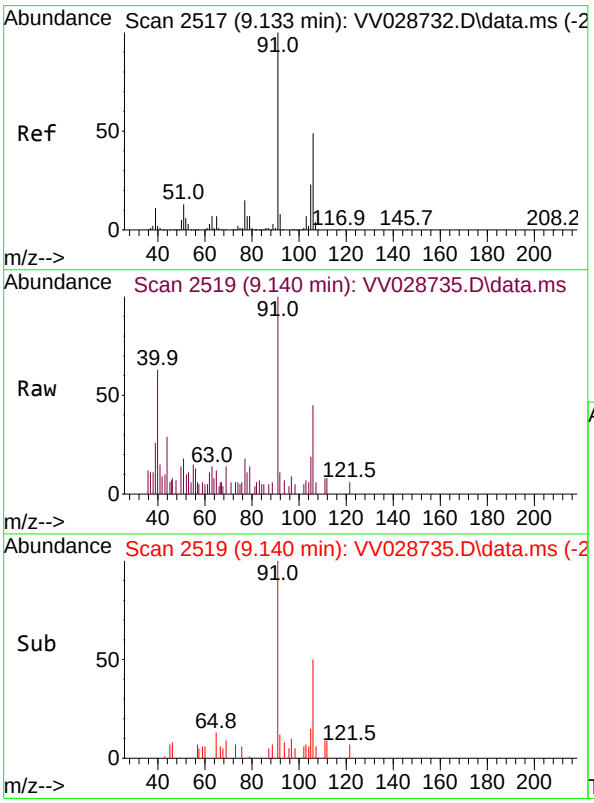
#51
Chlorobenzene
Concen: 12.227 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion:112 Resp: 416887

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	65.2	50.0	75.0

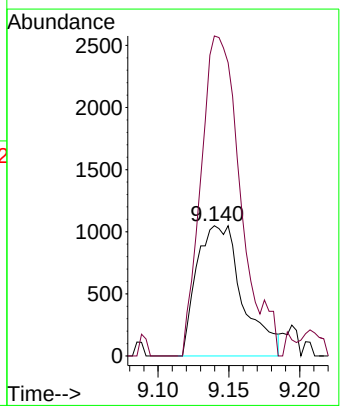


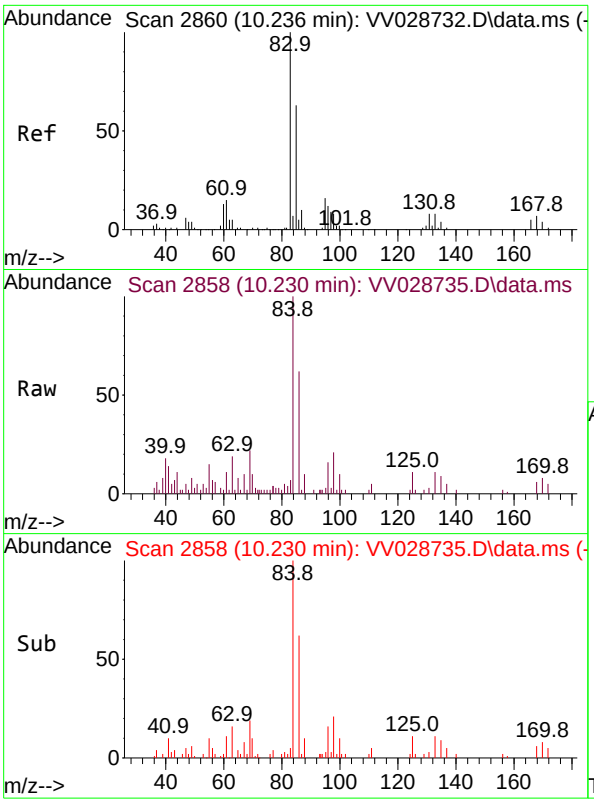


#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.007 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion:106 Resp: 2356

Ion	Ratio	Lower	Upper
106	100		
91	245.6	145.5	270.1



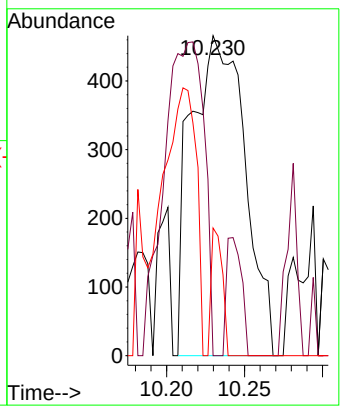


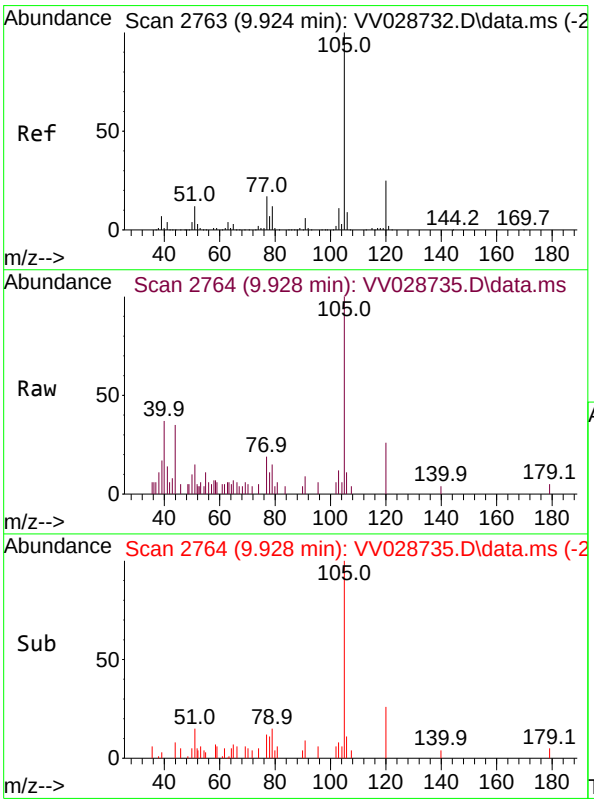
#57
1,1,2,2-Tetrachloroethane
Concen: 0.100 ug/L
RT: 10.230 min Scan# 2
Delta R.T. -0.006 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 83 Resp: 1126

Ion	Ratio	Lower	Upper
83	100		
85	0.0	43.0	80.0#
131	39.9	6.5	9.7#

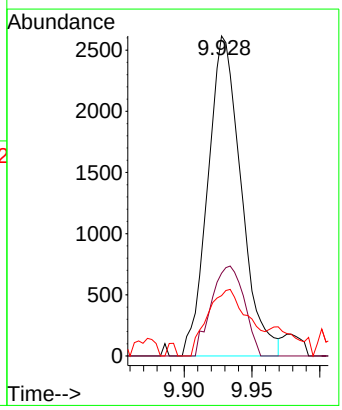


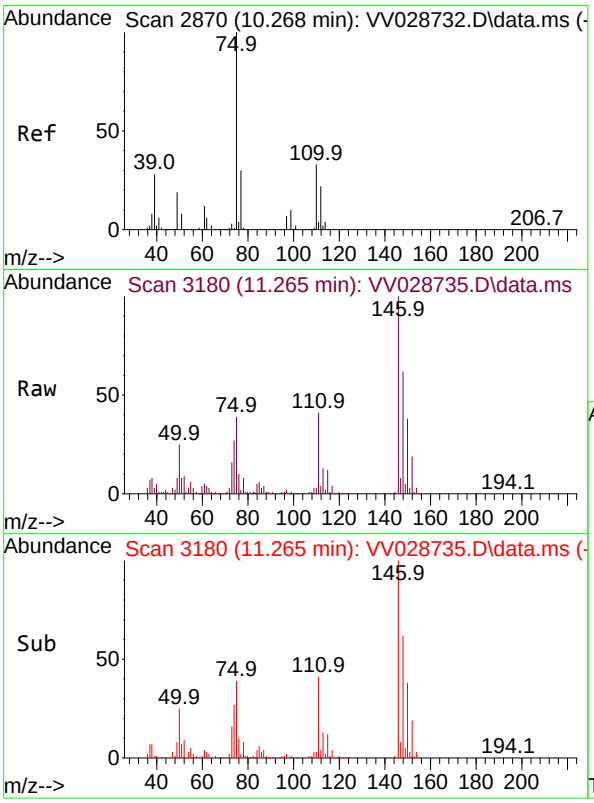


#60
Isopropylbenzene
Concen: 0.082 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion:105 Resp: 4474

Ion	Ratio	Lower	Upper
105	100		
120	27.5	20.1	30.1
77	0.0	13.4	20.0#



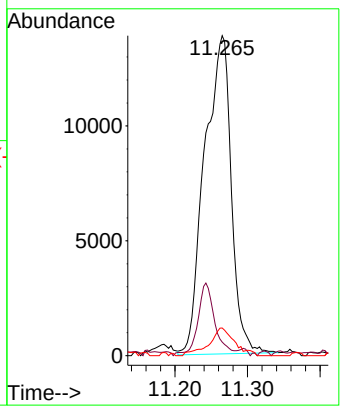


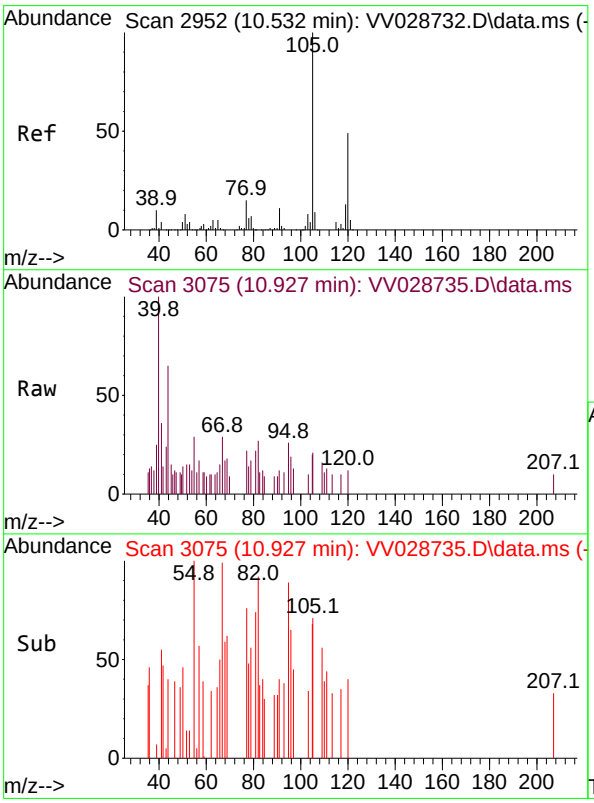
#61
1,2,3-Trichloropropane
Concen: 4.766 ug/L
RT: 11.265 min Scan# 3
Delta R.T. 0.997 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion: 75 Resp: 35397

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
110	7.9	27.9	41.9#

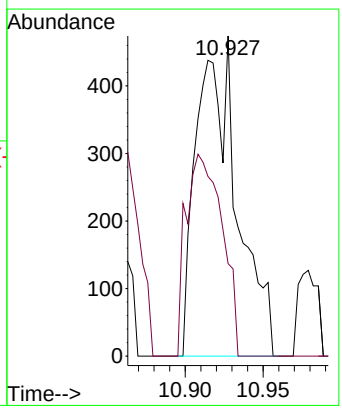


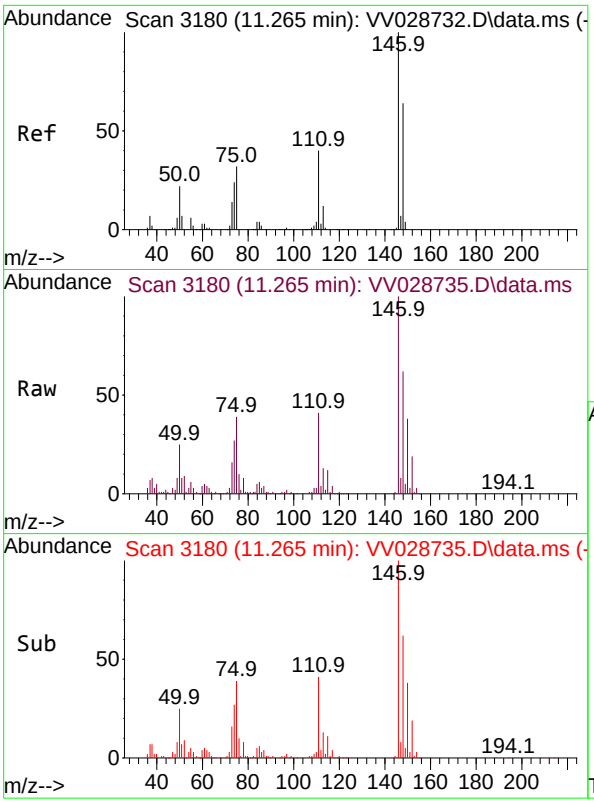


#62
1,3,5-Trimethylbenzene
Concen: 0.054 ug/L
RT: 10.927 min Scan# 3075
Delta R.T. 0.396 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion:105 Resp: 853

Ion	Ratio	Lower	Upper
105	100		
120	56.3	38.3	57.5



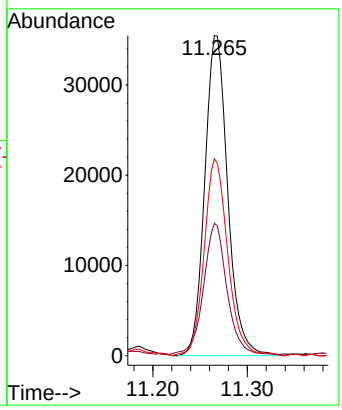


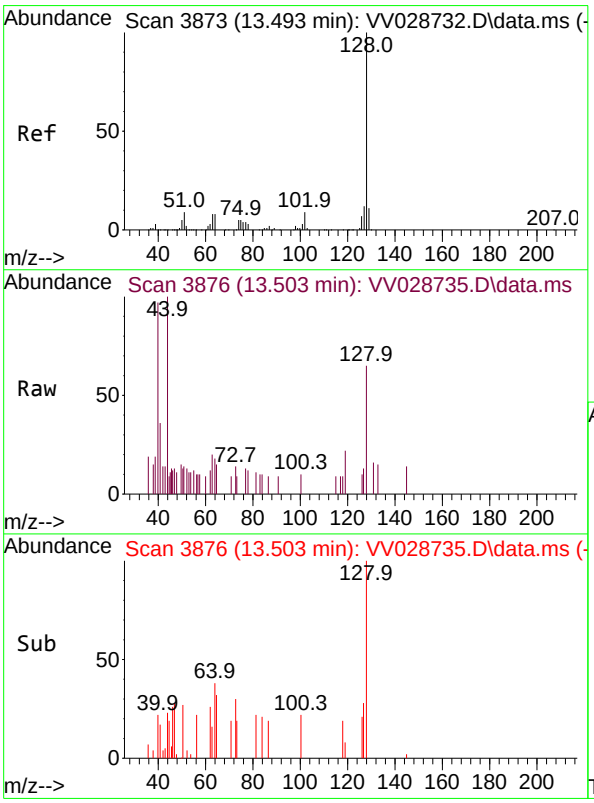
#65
1,4-Dichlorobenzene
Concen: 2.558 ug/L
RT: 11.265 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
BHA71

Tgt Ion:146 Resp: 59833

Ion	Ratio	Lower	Upper
146	100		
111	41.3	28.6	53.2
148	61.6	44.3	82.3





#71
Naphthalene
Concen: 0.089 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028735.D
Acq: 27 Oct 2022 23:02

Tgt Ion:128 Resp: 2067

Ion	Ratio	Lower	Upper
128	100		
129	2.0	8.9	13.3#
127	4.9	10.2	15.4#