Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028734.D
Acq On : 27 Oct 2022 22:37
Operator : SY/MD
Sample : N5232-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Quant Time: Oct 28 05:36:52 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	5.612	114	203364	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	192681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	85334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47388	3.350	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.000%			
7) Chloroethane-d5	1.564	69	47870	4.003	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	2.104	63	73486	2.686	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.800%#			
20) 2-Butanone-d5	3.889	46	185505	57.520	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.040%			
24) Chloroform-d	4.342	84	98756	4.021	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
26) 1,2-Dichloroethane-d4	5.030	65	54127	4.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	5.047	84	188046	3.649	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.000%			
36) 1,2-Dichloropropane-d6	6.066	67	68541	4.202	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.000%			
41) Toluene-d8	7.313	98	148685	3.698	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.000%			
43) trans-1,3-Dichloroprop...	7.625	79	15989	3.155	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.200%			
46) 2-Hexanone-d5	8.088	63	122734	52.029	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.060%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49115	4.540	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	53118	4.513	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1366	0.085	ug/L	84
6) Bromomethane	1.519	94	971	0.128	ug/L	78
8) Chloroethane	1.584	64	11377	1.052	ug/L #	60
17) Methyl tert-butyl Ether	2.767	73	4846	0.165	ug/L #	53
19) 1,1-Dichloroethane	3.191	63	1554	0.057	ug/L #	80
22) cis-1,2-Dichloroethene	3.918	96	1246	0.092	ug/L #	84
25) Chloroform	4.371	83	5103	0.193	ug/L #	72
33) Benzene	5.101	78	38509	0.669	ug/L	100
35) Methylcyclohexane	6.066	83	16539	0.839	ug/L #	15
44) trans-1,3-Dichloropropene	7.628	75	1085	0.075	ug/L #	75
51) Chlorobenzene	8.876	112	158398	4.607	ug/L	97
52) Ethylbenzene	9.143	91	4219	0.070	ug/L	84
53) m,p-Xylene	9.136	106	2302	0.105	ug/L	84
60) Isopropylbenzene	9.931	105	8424	0.157	ug/L #	84
61) 1,2,3-Trichloropropane	11.242	75	19828	2.706	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.339	105	817	0.052	ug/L	95
65) 1,4-Dichlorobenzene	11.268	146	20838	0.903	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	9990	0.472	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028734.D
Acq On : 27 Oct 2022 22:37
Operator : SY/MD
Sample : N5232-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Quant Time: Oct 28 05:36:52 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 : VV028734.D
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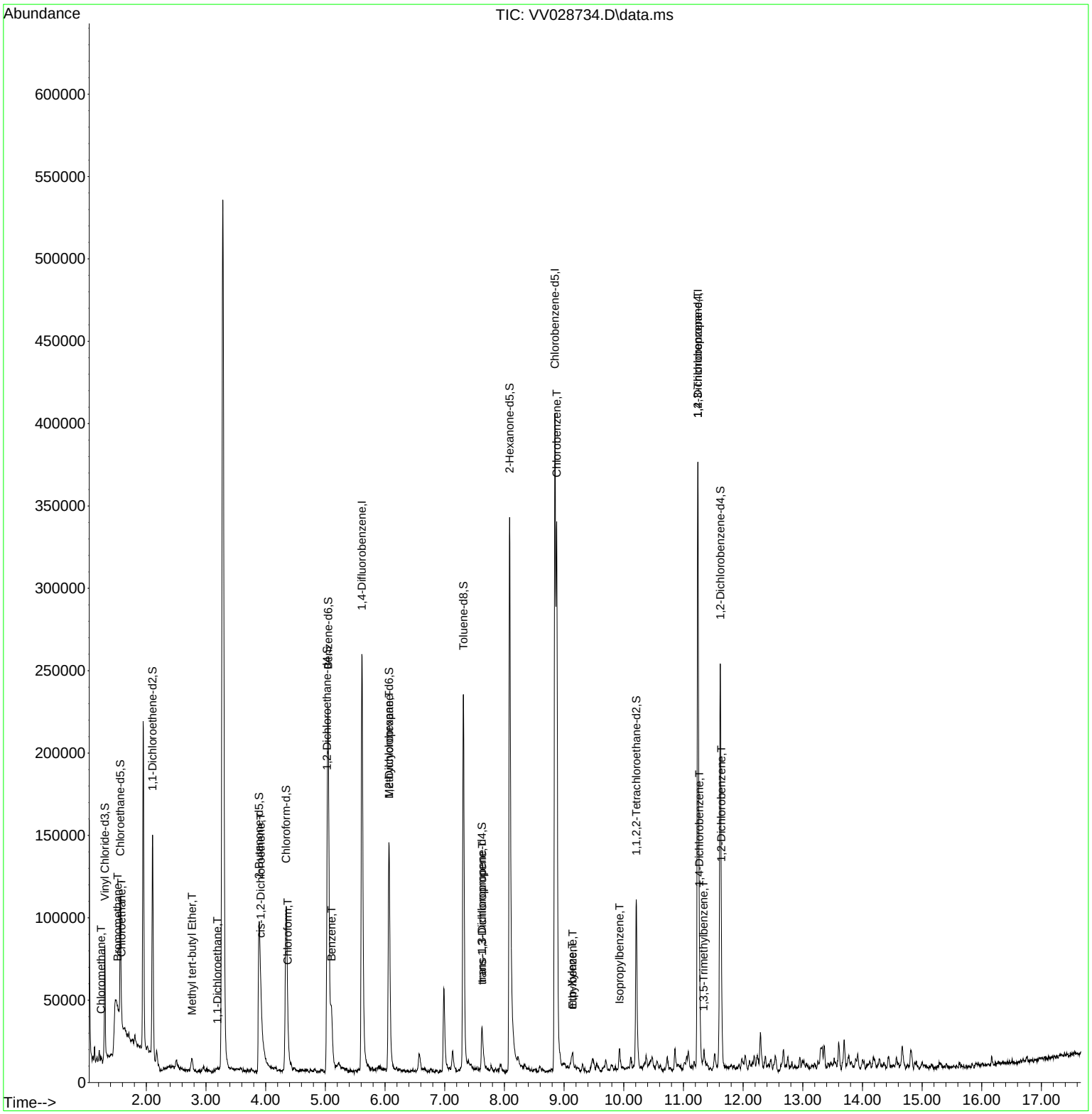
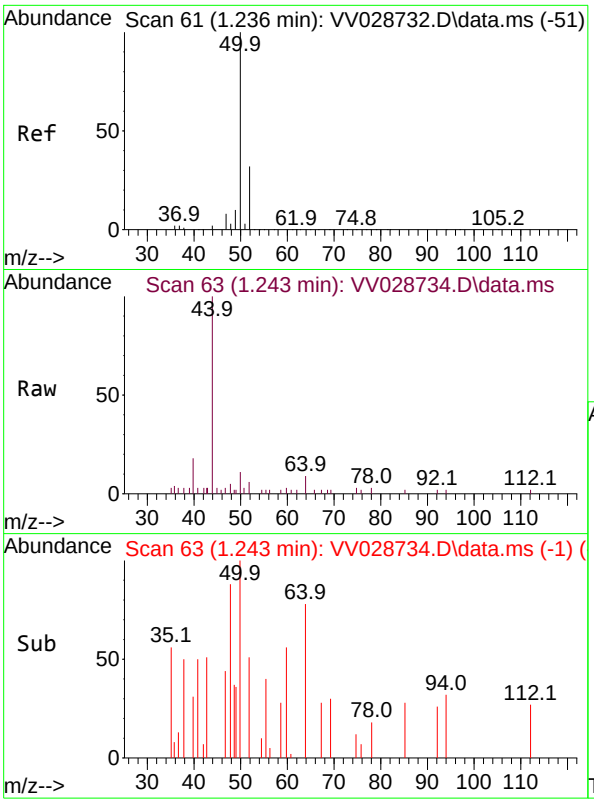
Quant Time: Oct 28 05:36:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration



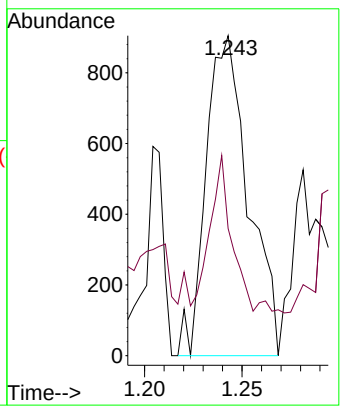


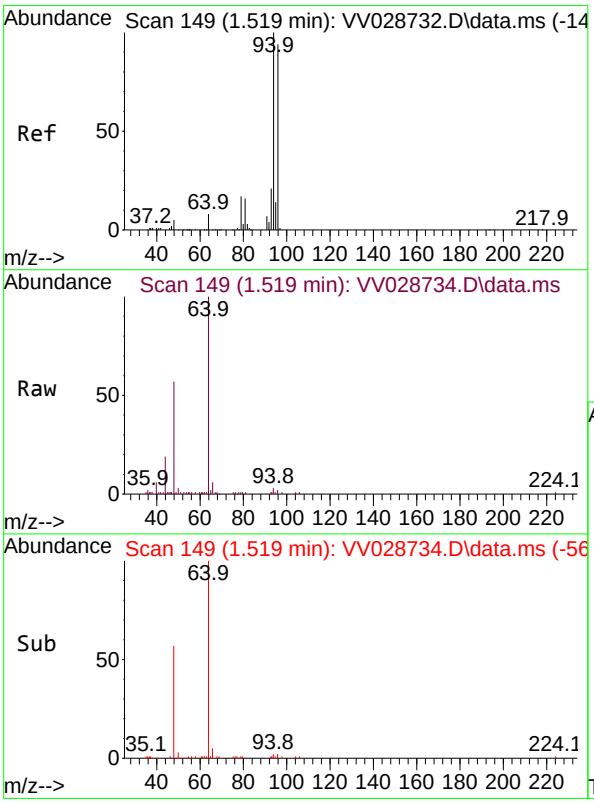
#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 50 Resp: 1366

Ion	Ratio	Lower	Upper
50	100		
52	39.8	21.8	40.6

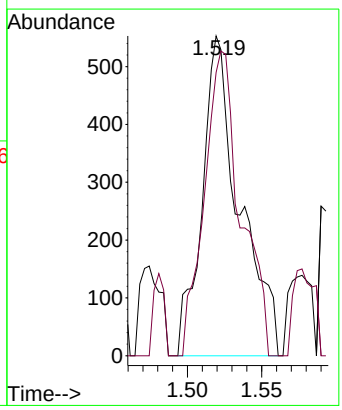


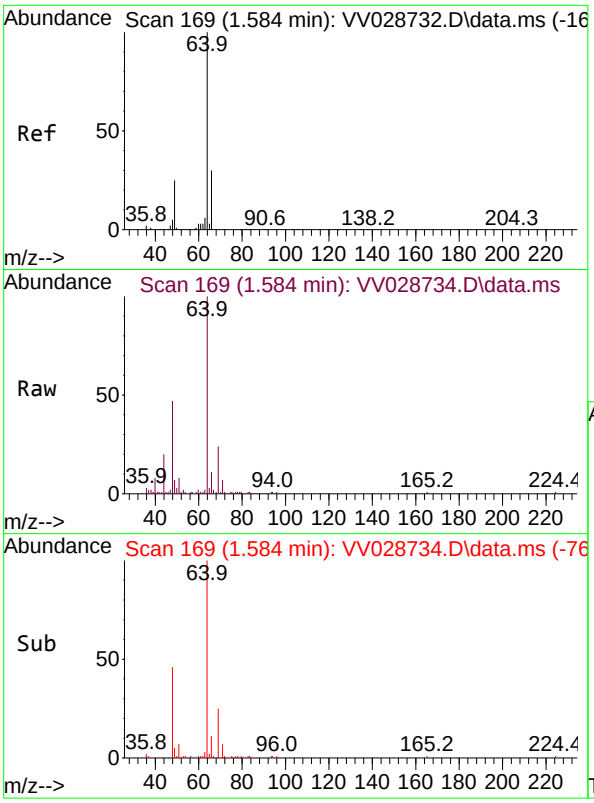


#6
Bromomethane
Concen: 0.128 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 94 Resp: 971

Ion	Ratio	Lower	Upper
94	100		
96	70.9	64.3	119.3



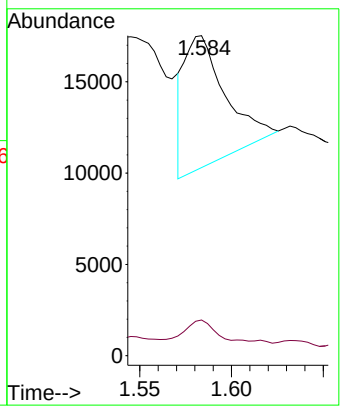


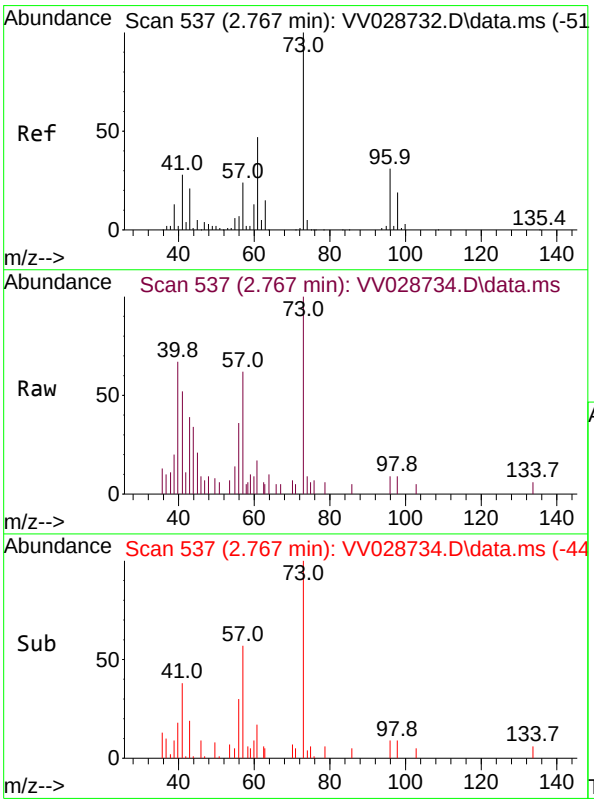
#8
Chloroethane
Concen: 1.052 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 64 Resp: 11377

Ion	Ratio	Lower	Upper
64	100		
66	11.2	23.9	44.5#

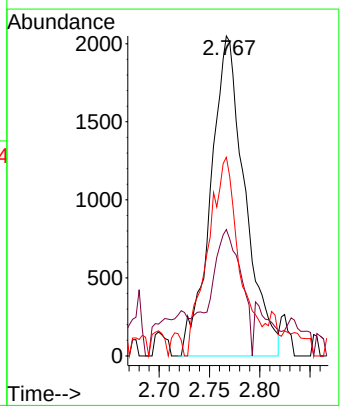


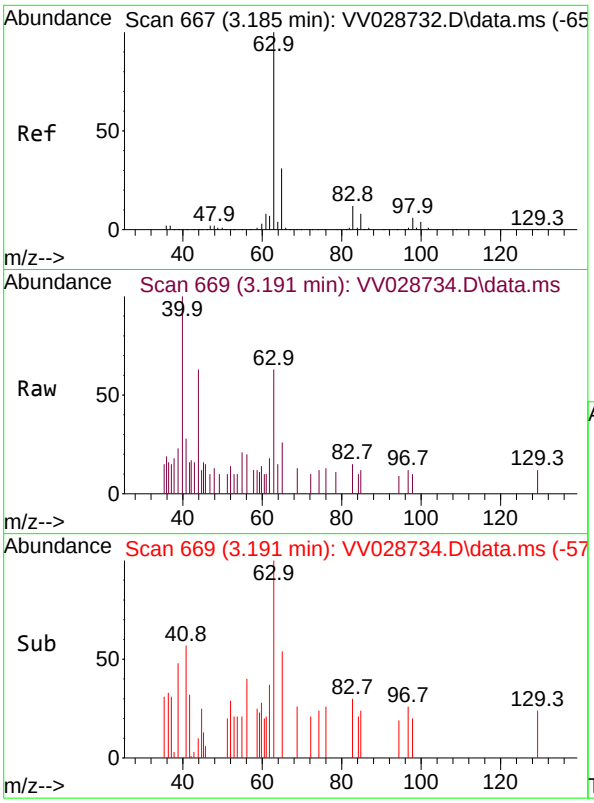


#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 73 Resp: 4846

Ion	Ratio	Lower	Upper
73	100		
43	35.9	18.0	27.0#
57	57.5	20.0	30.0#



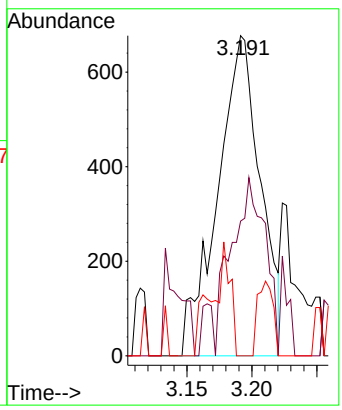


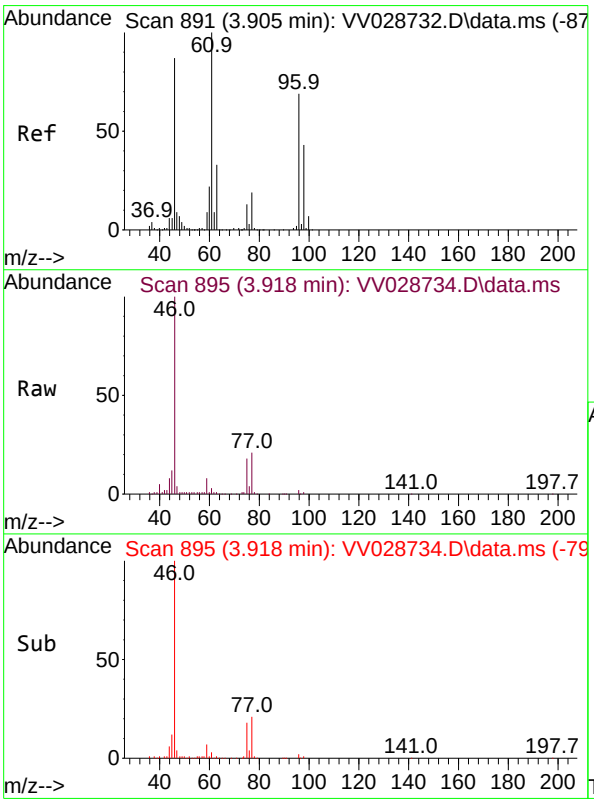
#19
1,1-Dichloroethane
Concen: 0.057 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 63 Resp: 1554

Ion	Ratio	Lower	Upper
63	100		
65	42.1	23.1	42.9
83	0.0	7.9	14.7#

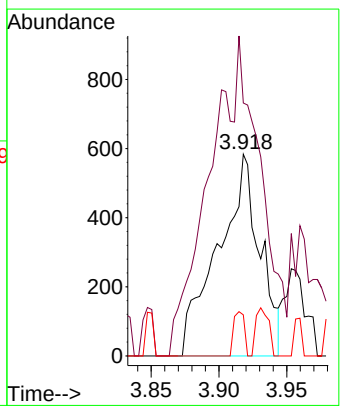


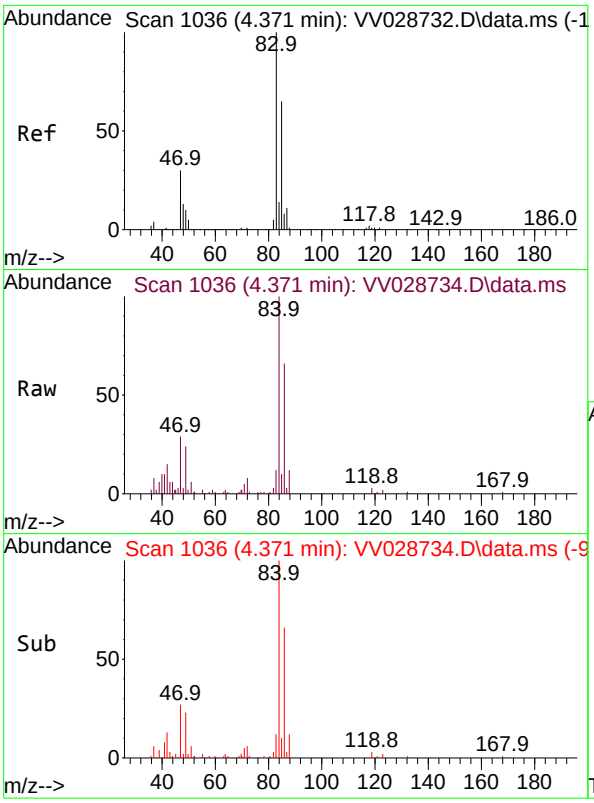


#22
cis-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 96 Resp: 1246

Ion	Ratio	Lower	Upper
96	100		
61	125.3	101.4	188.2
68	20.4	0.5	0.9#



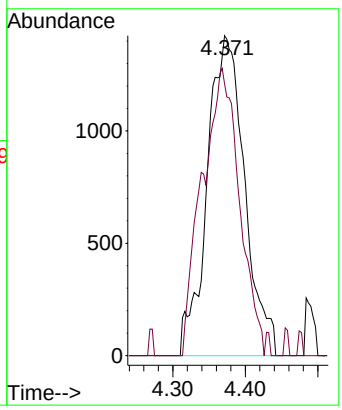


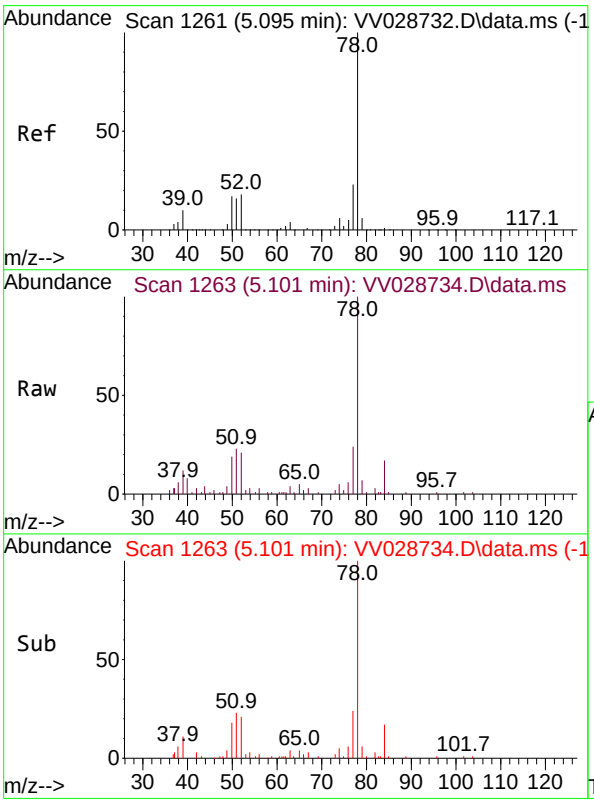
#25
Chloroform
Concen: 0.193 ug/L
RT: 4.371 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 83 Resp: 5103

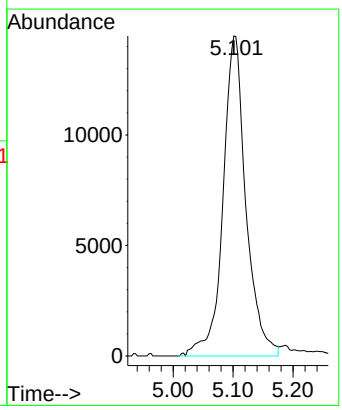
Ion	Ratio	Lower	Upper
83	100		
85	84.9	44.1	81.9#

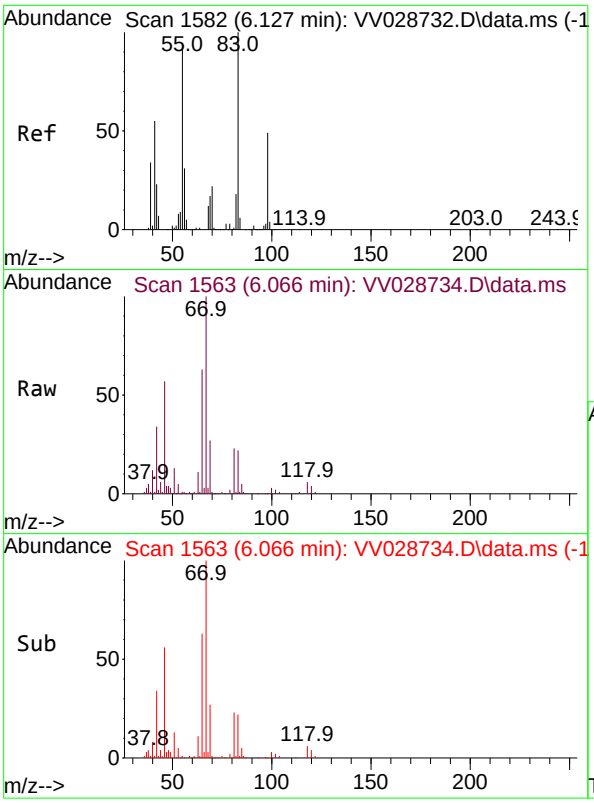




#33
Benzene
Concen: 0.669 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 78 Resp: 38509



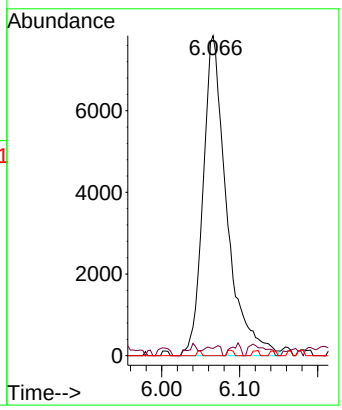


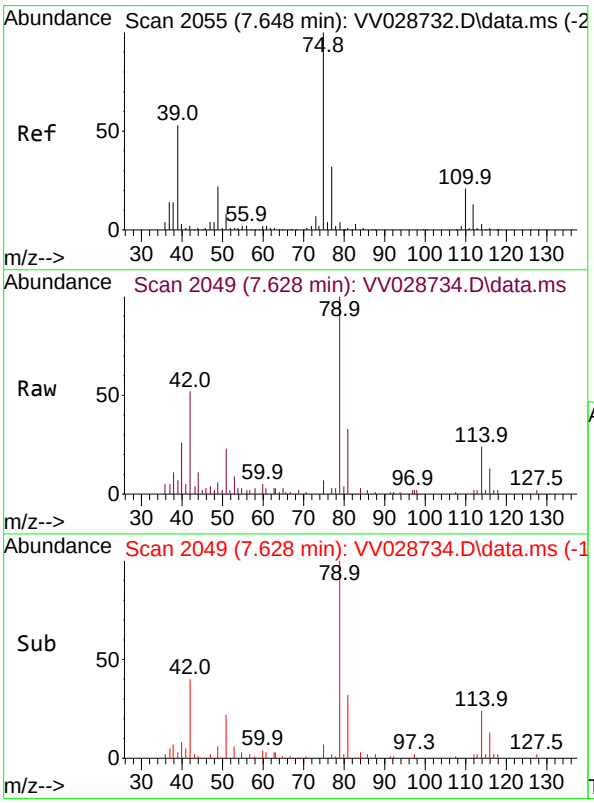
#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 83 Resp: 16539

Ion	Ratio	Lower	Upper
83	100		
55	0.8	70.0	105.0#
98	0.0	35.6	53.4#

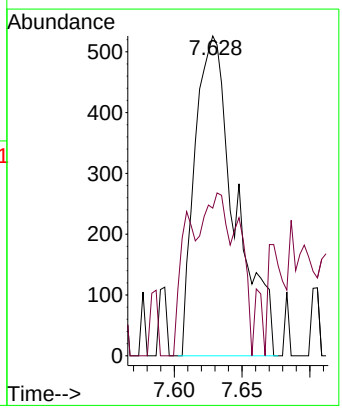


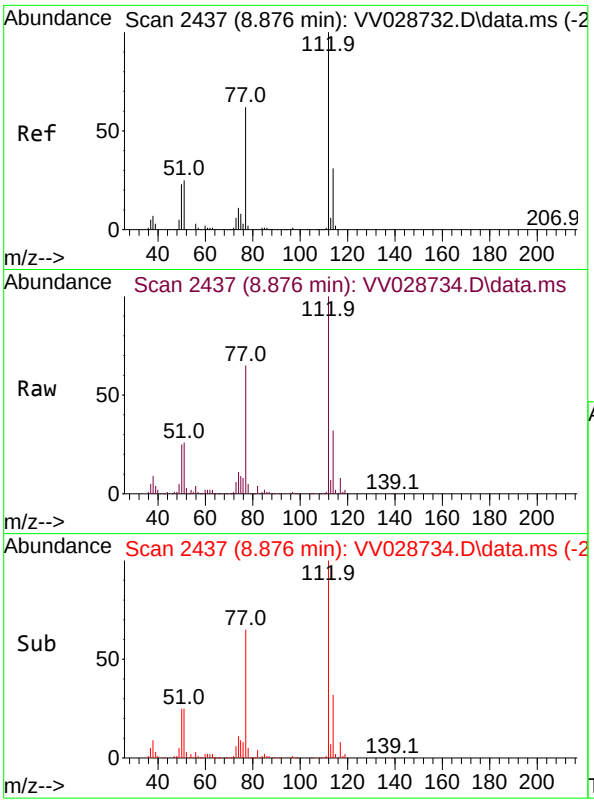


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.019 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 75 Resp: 1085

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.6	42.0#



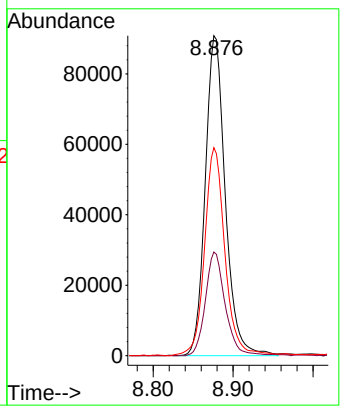


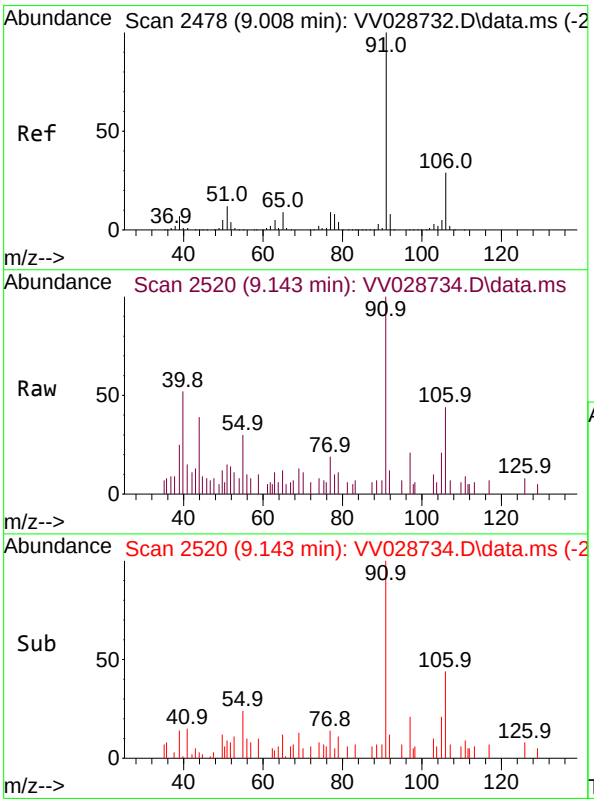
#51
Chlorobenzene
Concen: 4.607 ug/L
RT: 8.876 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion:112 Resp: 158398

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	65.0	50.0	75.0

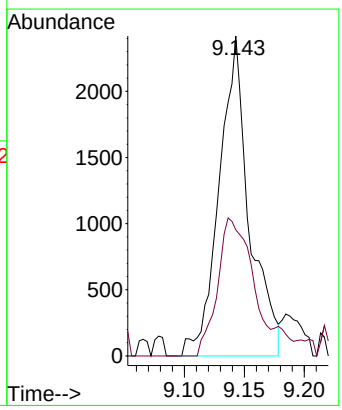


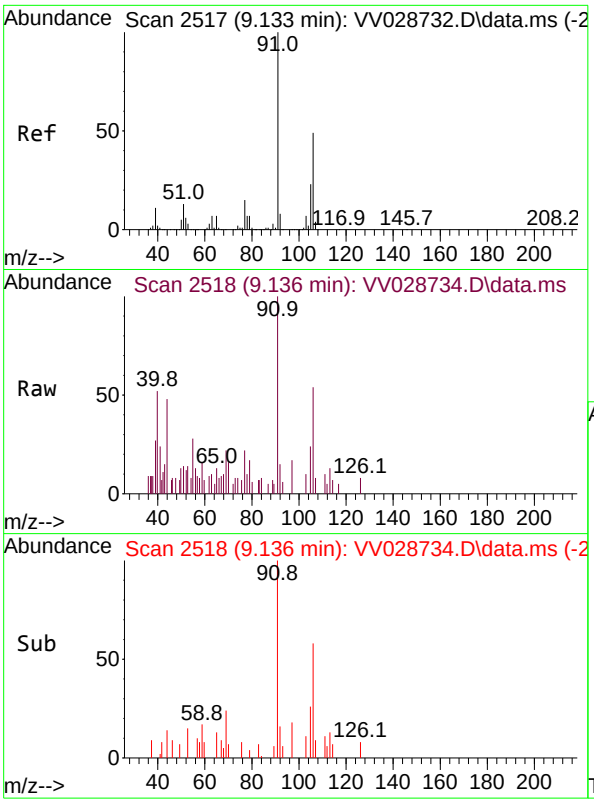


#52
Ethylbenzene
Concen: 0.070 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.135 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion: 91 Resp: 4219

Ion	Ratio	Lower	Upper
91	100		
106	39.4	21.3	39.6



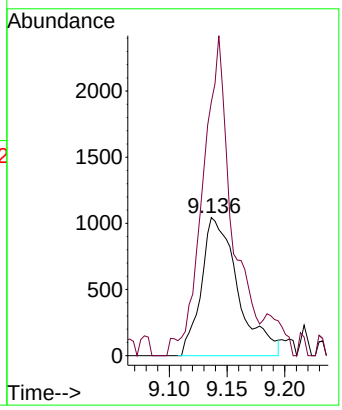


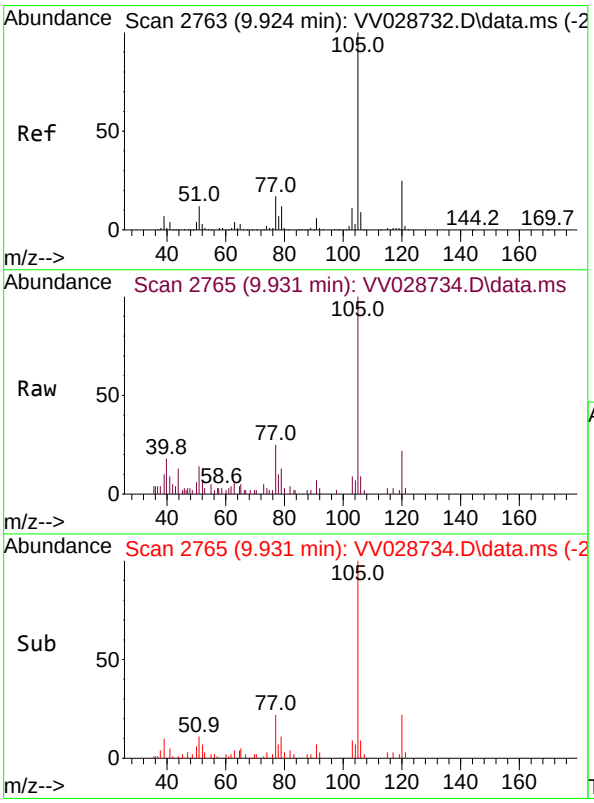
#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion:106 Resp: 2302

Ion	Ratio	Lower	Upper
106	100		
91	183.6	145.5	270.1

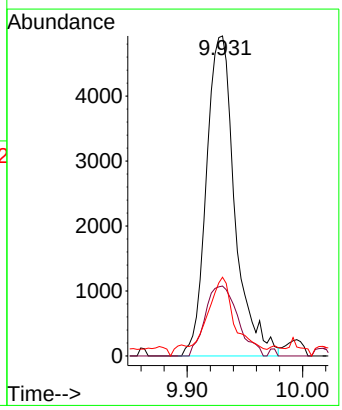


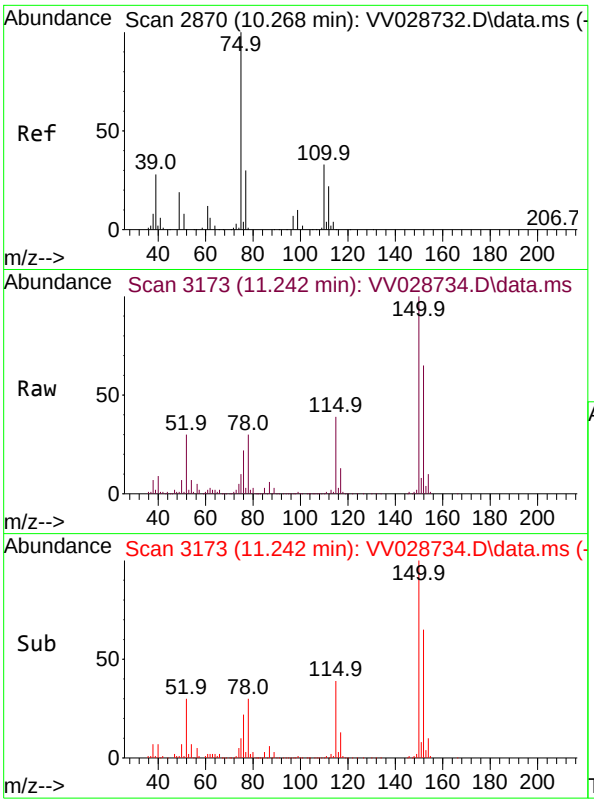


#60
Isopropylbenzene
Concen: 0.157 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion:105 Resp: 8424

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1
77	0.0	13.4	20.0#



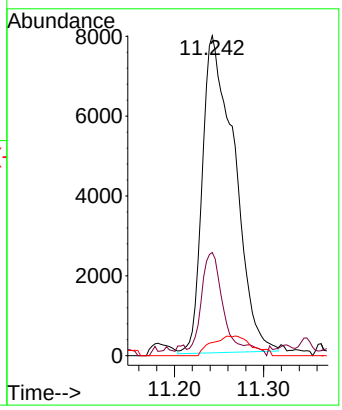


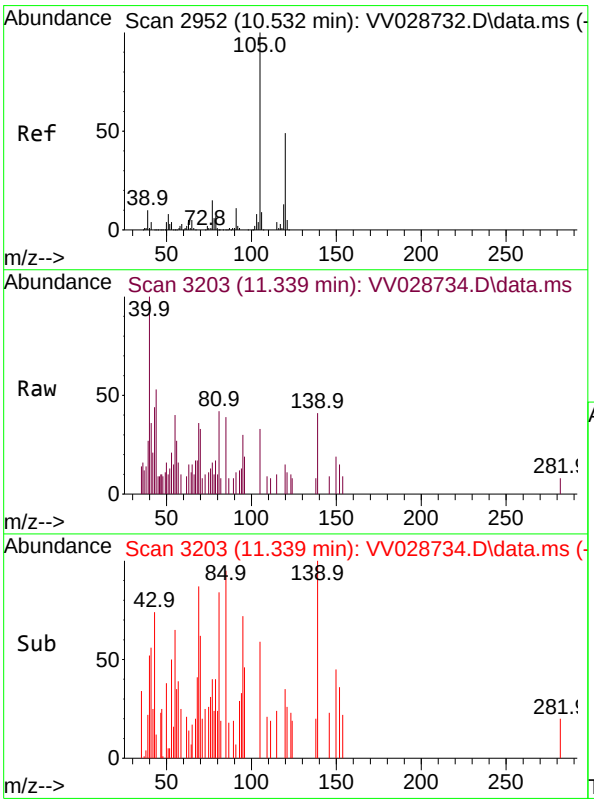
#61
1,2,3-Trichloropropane
Concen: 2.706 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion: 75 Resp: 19828

Ion	Ratio	Lower	Upper
75	100		
77	18.8	25.2	37.8#
110	7.7	27.9	41.9#

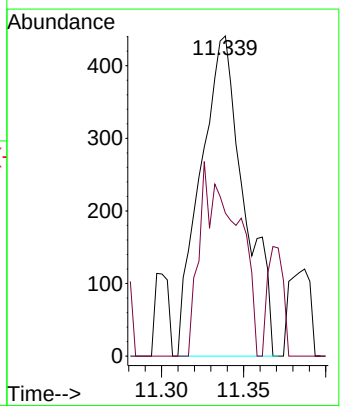


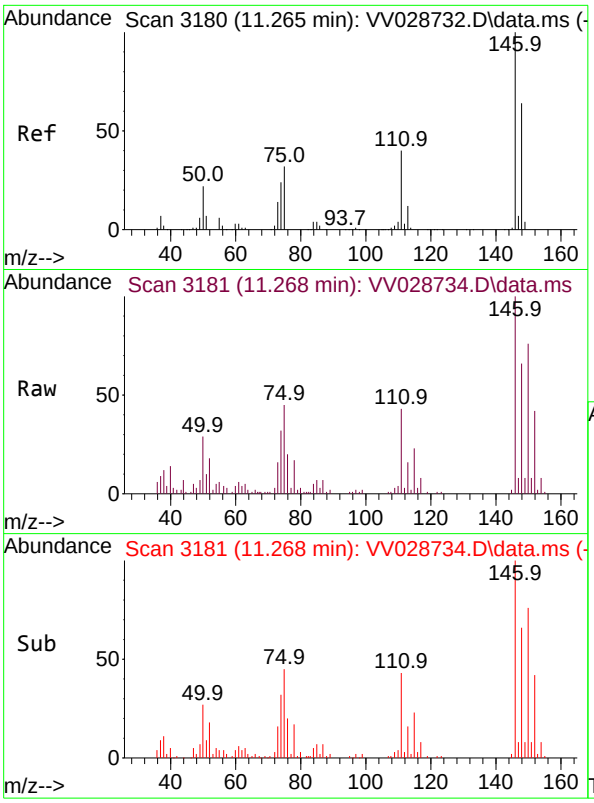


#62
1,3,5-Trimethylbenzene
Concen: 0.052 ug/L
RT: 11.339 min Scan# 3203
Delta R.T. 0.807 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion:105 Resp: 817

Ion	Ratio	Lower	Upper
105	100		
120	51.4	38.3	57.5



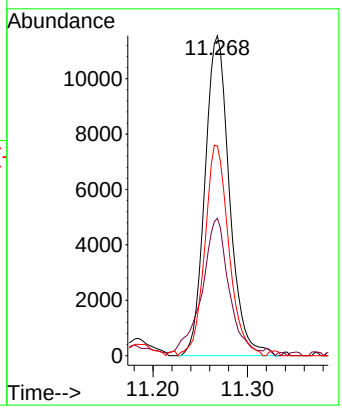


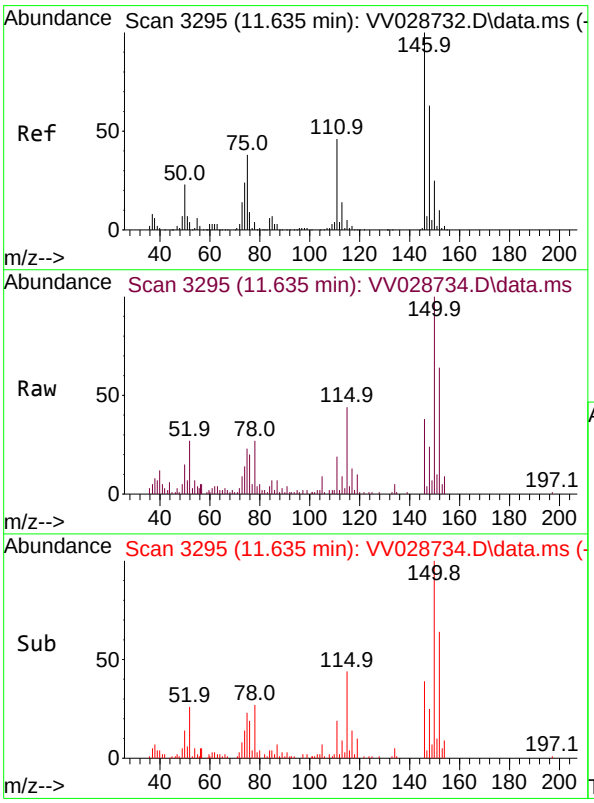
#65
1,4-Dichlorobenzene
Concen: 0.903 ug/L
RT: 11.268 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Instrument :
MSVOA_V
ClientSampleId :
BHA65

Tgt Ion:146 Resp: 20838

Ion	Ratio	Lower	Upper
146	100		
111	42.9	28.6	53.2
148	65.5	44.3	82.3





#67
1,2-Dichlorobenzene
Concen: 0.472 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. -0.000 min
Lab File: VV028734.D
Acq: 27 Oct 2022 22:37

Tgt Ion:146 Resp: 9990

Ion	Ratio	Lower	Upper
146	100		
111	50.2	36.2	54.4
148	63.9	50.6	75.8