Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039374.D
Acq On : 19 Dec 2023 22:01
Operator : JC/MD
Sample : 05807-12 5X
Misc : 1.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 02:21:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	188028	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	175549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88266	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62639	42.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.940%			
7) Chloroethane-d5	1.648	69	45077	41.352	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.700%			
11) 1,1-Dichloroethene-d2	2.300	65	30666	47.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.740%			
21) 2-Butanone-d5	4.453	46	123037	92.164	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.160%			
24) Chloroform-d	5.056	84	117978	45.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
26) 1,2-Dichloroethane-d4	5.952	65	85696	50.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.360%			
32) Benzene-d6	5.971	84	250010	46.146	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.300%			
36) 1,2-Dichloropropane-d6	7.306	67	79963	45.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.720%			
41) Toluene-d8	8.647	98	219548	44.717	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.440%			
43) trans-1,3-Dichloroprop...	8.952	79	34297	38.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.300%			
47) 2-Hexanone-d5	9.385	63	93455	89.742	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.740%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	113960	46.074	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.140%			
66) 1,2-Dichlorobenzene-d4	12.317	152	78103	46.813	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.620%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.300	96	748	0.618	ug/L #	1
15) Methyl Acetate	2.703	43	1854	1.011	ug/L	99
33) Benzene	6.032	78	56014	10.040	ug/L	100
37) 1,2-Dichloropropane	7.306	63	9552	6.174	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	1741	0.760	ug/L #	82
48) 2-Hexanone	9.385	43	13176	6.071	ug/L #	69
51) Chlorobenzene	10.080	112	316079	86.497	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	15473	5.531	ug/L	97

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

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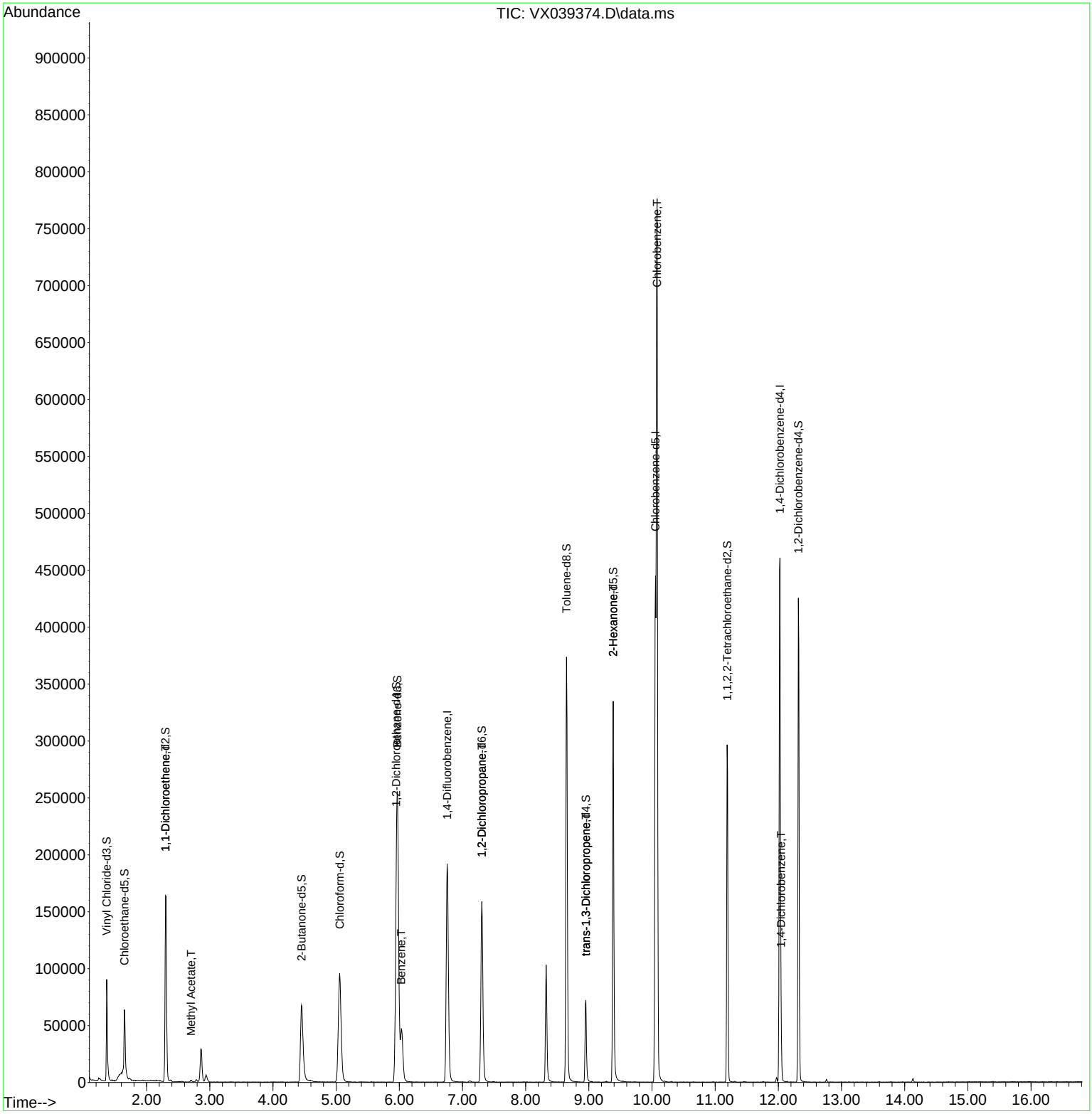
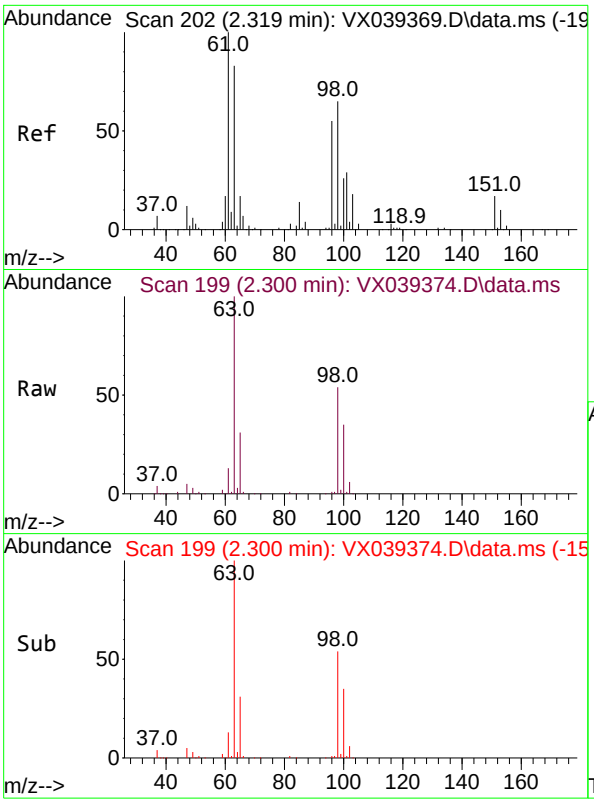
Quant Time: Dec 20 02:21:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration



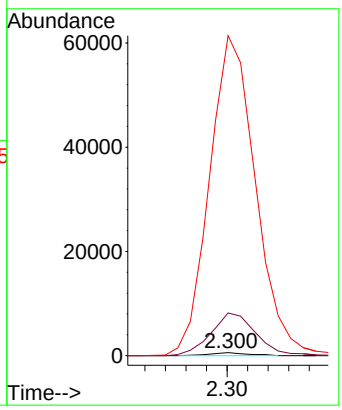


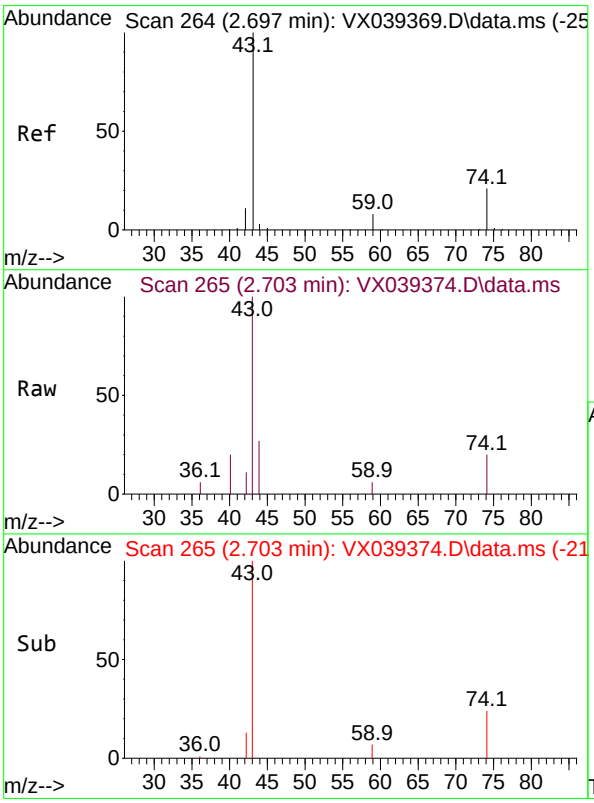
#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.300 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 748

Ion	Ratio	Lower	Upper
96	100		
61	1432.5	128.0	237.6#
63	10716.9	101.5	188.5#

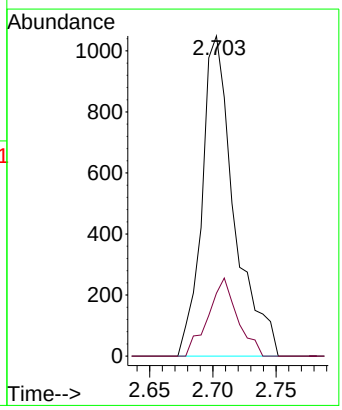


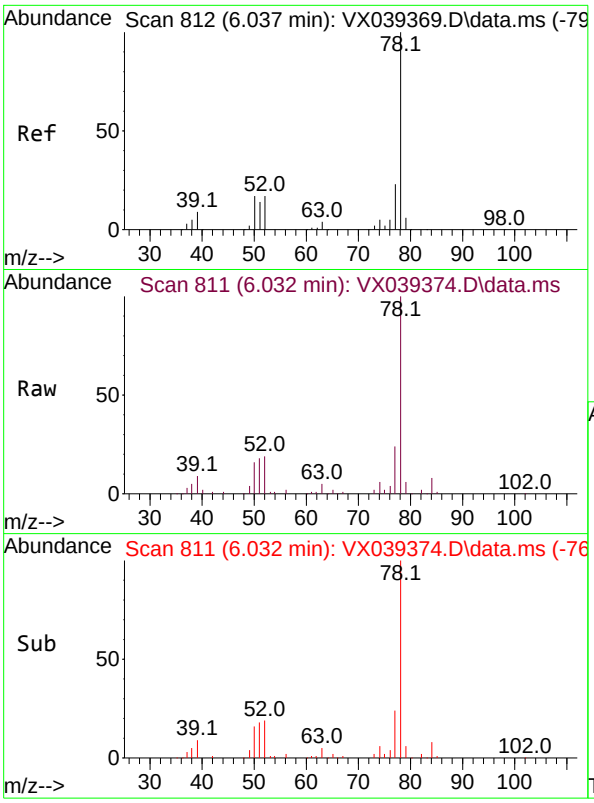


#15
Methyl Acetate
Concen: 1.011 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Tgt Ion: 43 Resp: 1854

Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.2	27.4

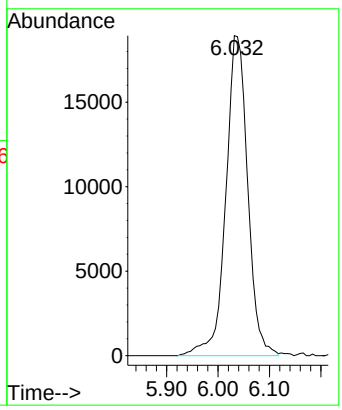


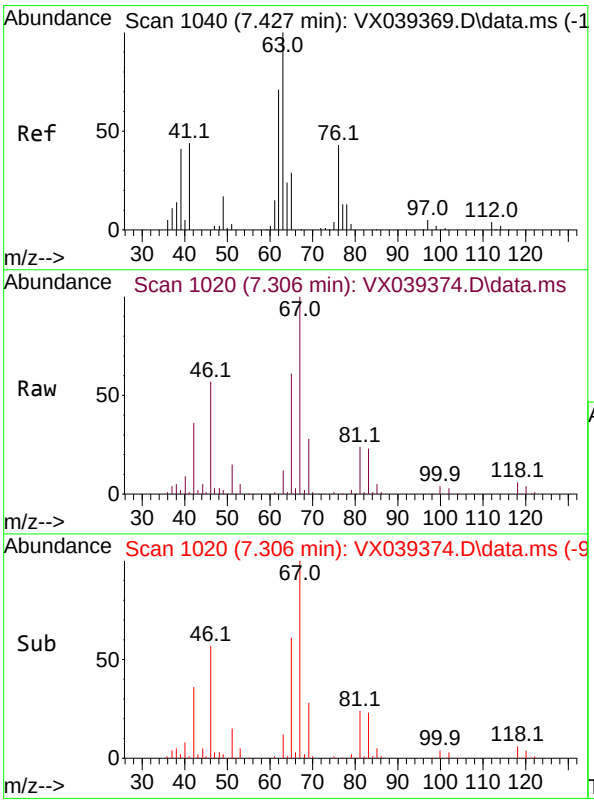


#33
Benzene
Concen: 10.040 ug/L
RT: 6.032 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 56014

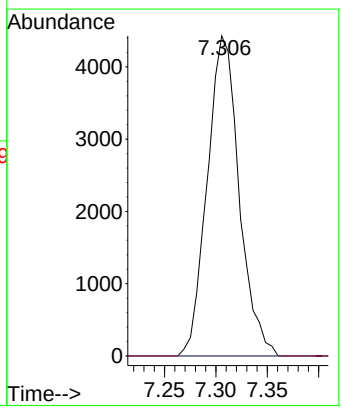


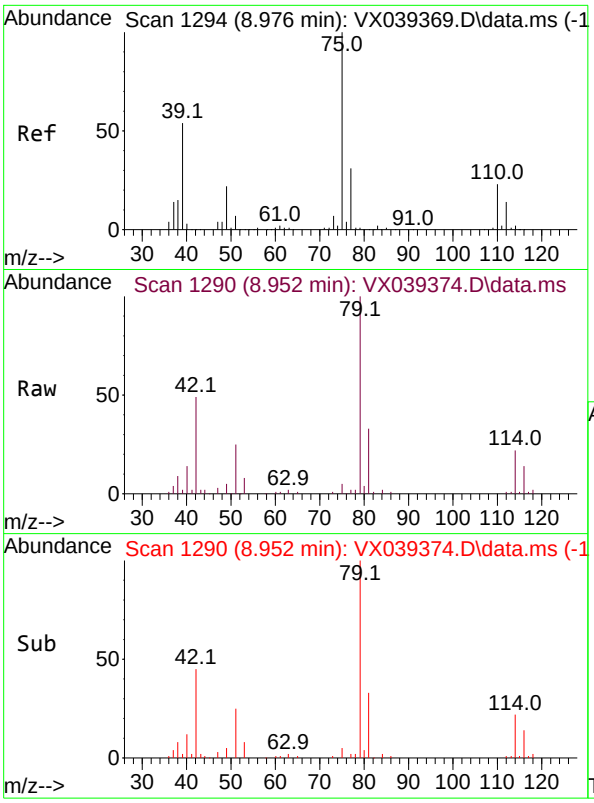


#37
1,2-Dichloropropane
Concen: 6.174 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Tgt Ion: 63 Resp: 9552

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



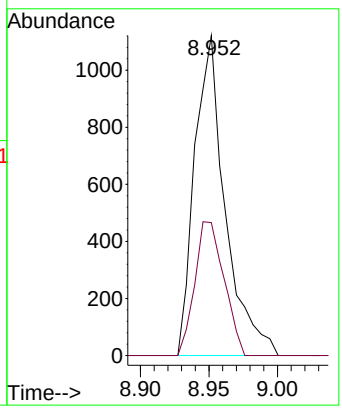


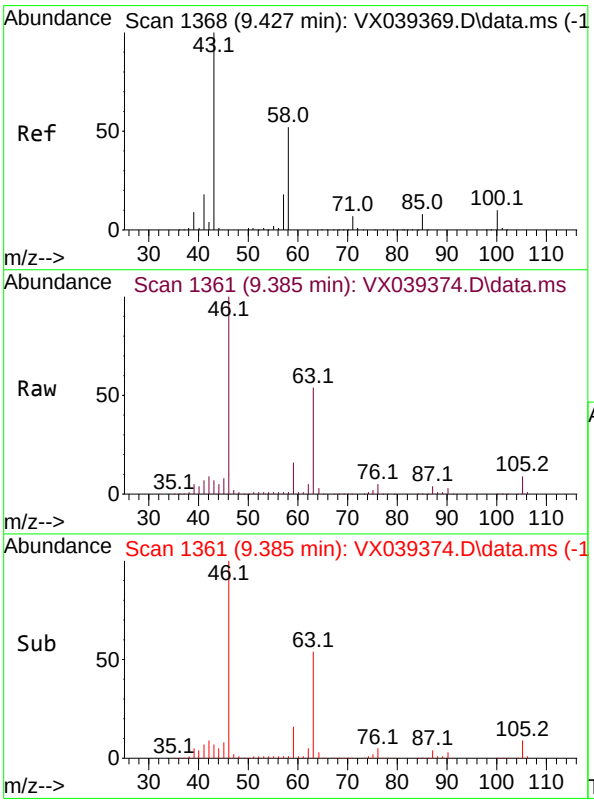
#44
trans-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1741

Ion	Ratio	Lower	Upper
75	100		
77	41.6	22.0	40.8#

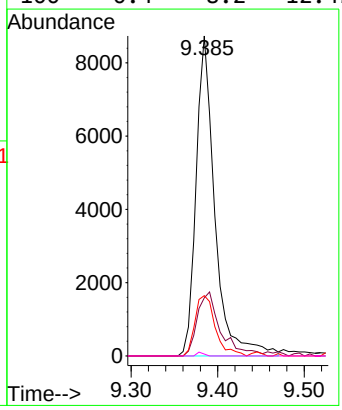


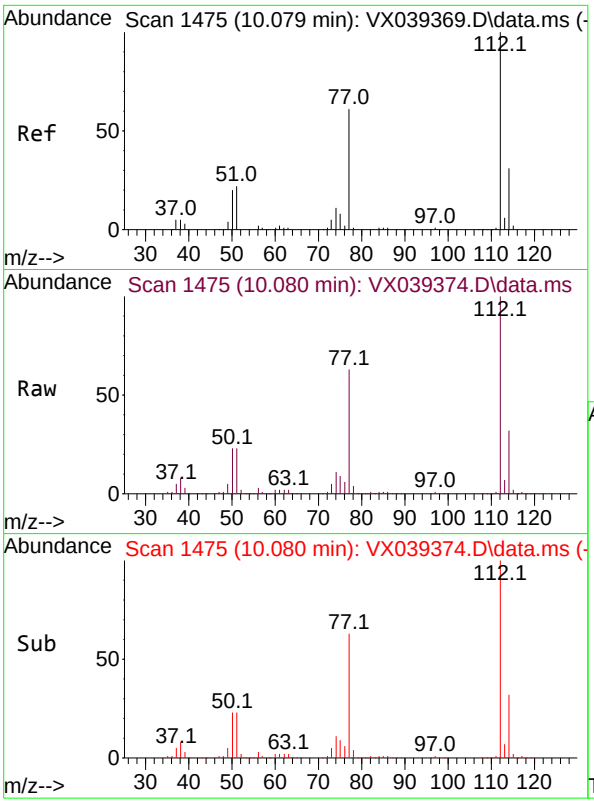


#48
2-Hexanone
Concen: 6.071 ug/L
RT: 9.385 min Scan# 1361
Delta R.T. -0.042 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Tgt Ion: 43 Resp: 13176

Ion	Ratio	Lower	Upper
43	100		
58	24.7	43.0	64.6#
57	20.4	14.6	21.8
100	0.4	8.2	12.4#



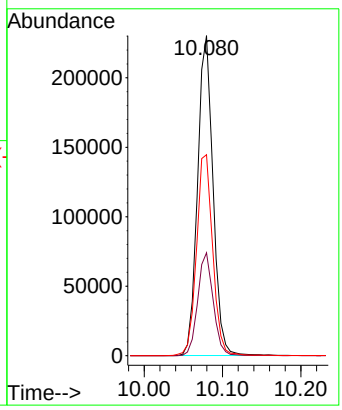


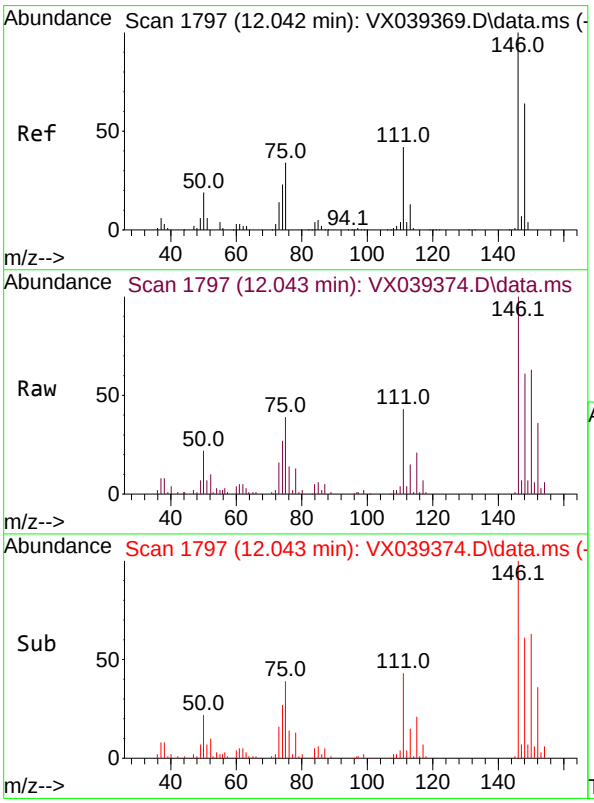
#51
Chlorobenzene
Concen: 86.497 ug/L
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 316079

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.8	40.4
77	62.8	49.0	73.6





#65
1,4-Dichlorobenzene
Concen: 5.531 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039374.D
Acq: 19 Dec 2023 22:01

Tgt Ion:146 Resp: 15473

Ion	Ratio	Lower	Upper
146	100		
111	43.0	29.7	55.1
148	61.5	45.8	85.2