Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
Data File : VX029439.D
Acq On : 14 Jun 2022 01:54
Operator : JC/MD
Sample : N3248-07DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Quant Time: Jun 14 06:44:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM061322WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 14 06:26:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	381020	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	339422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	161839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	118364	40.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.240%			
7) Chloroethane-d5	1.666	69	90840	49.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.100%			
11) 1,1-Dichloroethene-d2	2.307	63	165538	31.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.280%			
21) 2-Butanone-d5	4.465	46	221448	99.005	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.010%			
24) Chloroform-d	5.062	84	244183	43.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.700%			
26) 1,2-Dichloroethane-d4	5.964	65	158948	43.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.300%			
32) Benzene-d6	5.977	84	487428	45.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.940%			
36) 1,2-Dichloropropane-d6	7.312	67	148683	47.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.760%			
41) Toluene-d8	8.653	98	434498	43.470	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.940%			
43) trans-1,3-Dichloroprop...	8.952	79	59354	38.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.520%			
47) 2-Hexanone-d5	9.385	63	168601	100.383	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.380%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	218193	47.920	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	161449	47.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.960%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	85464	25.751	ug/L	99
8) Chloroethane	1.691	64	37871	22.254	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	3161	1.142	ug/L	96
19) 1,1-Dichloroethane	3.611	63	191465	39.176	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	126427	40.428	ug/L	94
30) 1,1,1-Trichloroethane	5.397	97	17322	3.680	ug/L	98
37) 1,2-Dichloropropane	7.312	63	16612	6.139	ug/L #	85
42) Toluene	8.720	91	29506	2.440	ug/L	96
52) Ethylbenzene	10.195	91	71348	5.390	ug/L	100
53) m,p-Xylene	10.299	106	63009	12.127	ug/L	95
54) o-Xylene	10.647	106	33273	6.493	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	48602	4.502	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	236656	22.078	ug/L	98
71) Naphthalene	13.780	128	10823	0.911	ug/L	97

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

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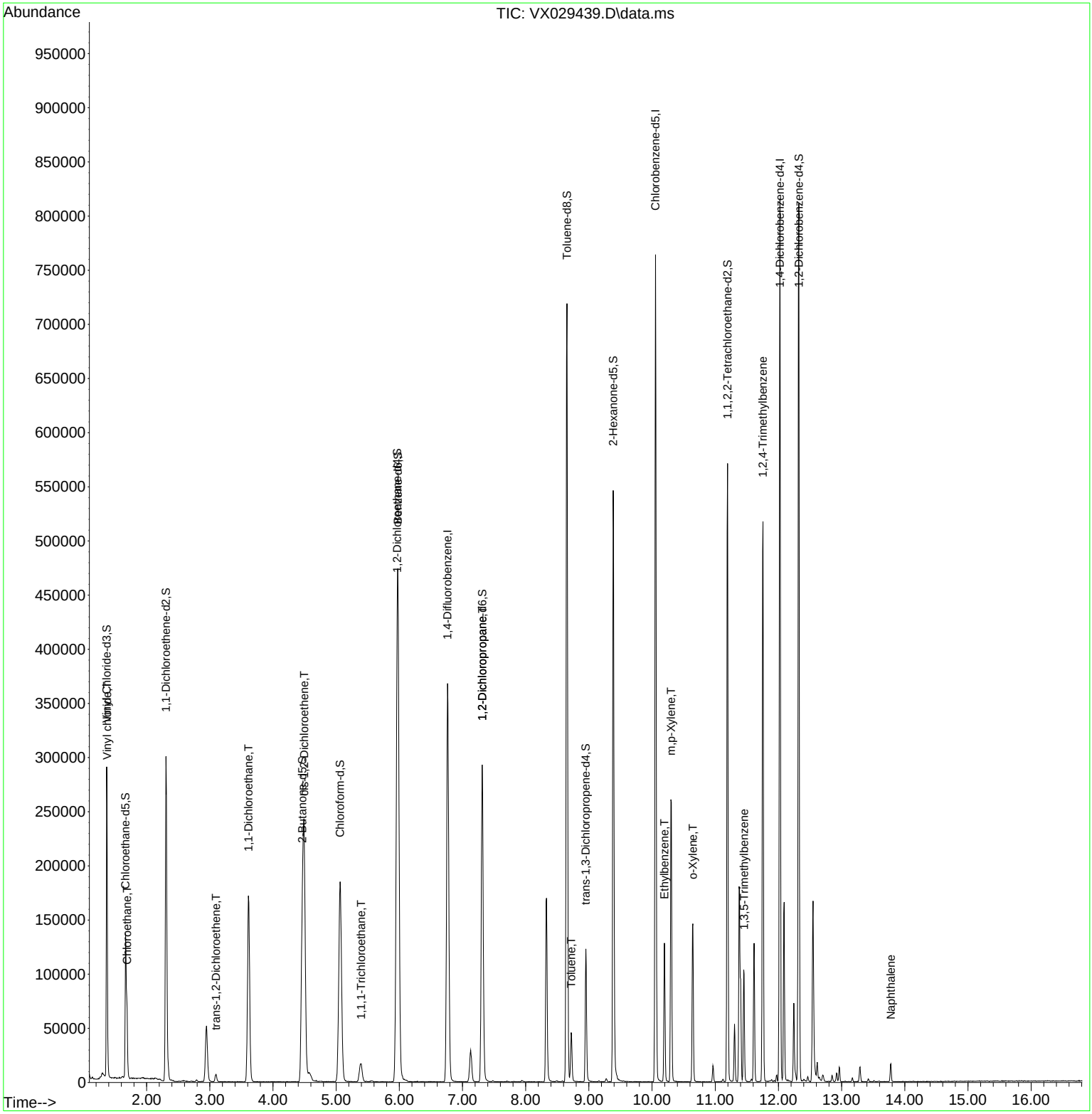
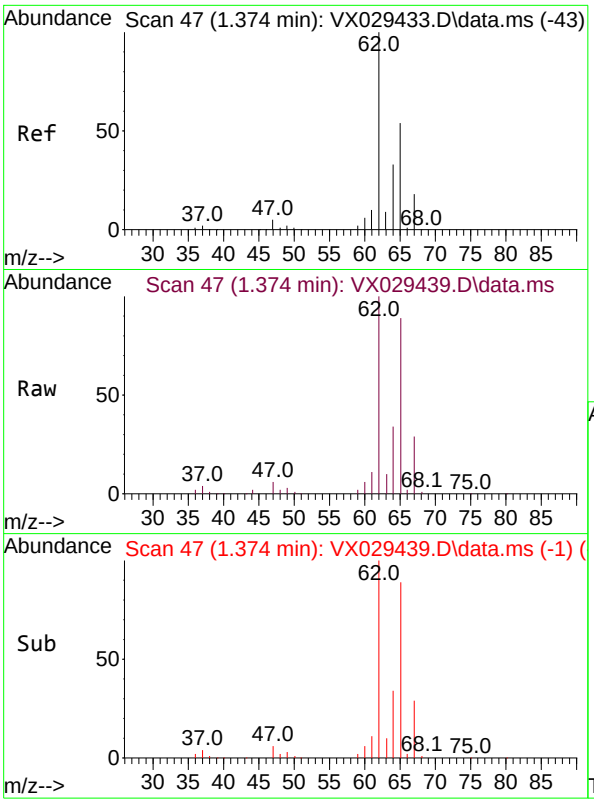


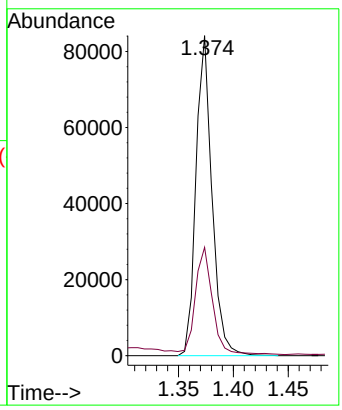


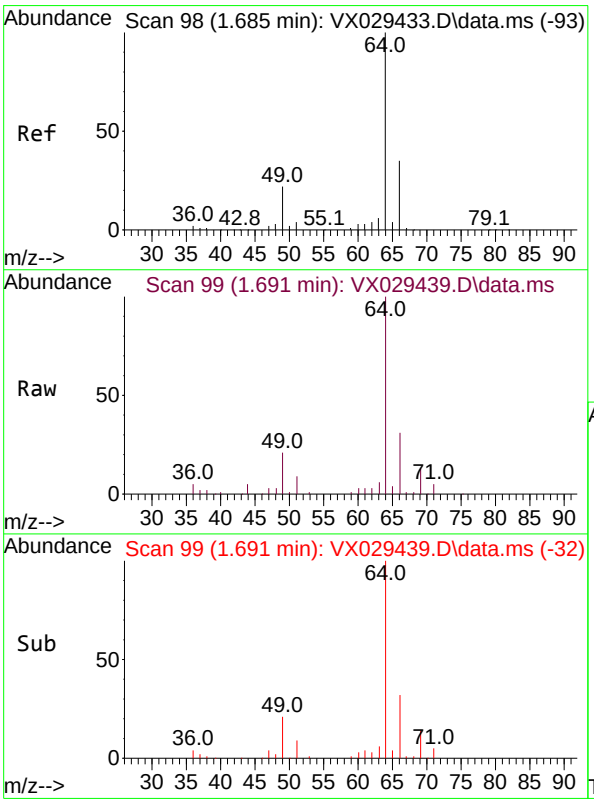
#5
Vinyl chloride
Concen: 25.751 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion: 62 Resp: 85464

Ion	Ratio	Lower	Upper
62	100		
64	33.9	23.3	43.3

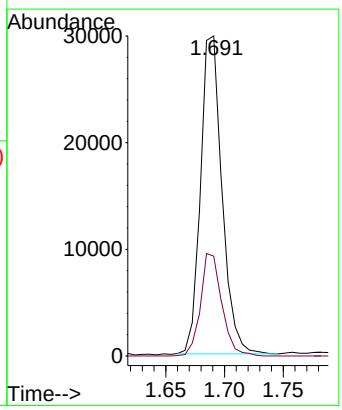


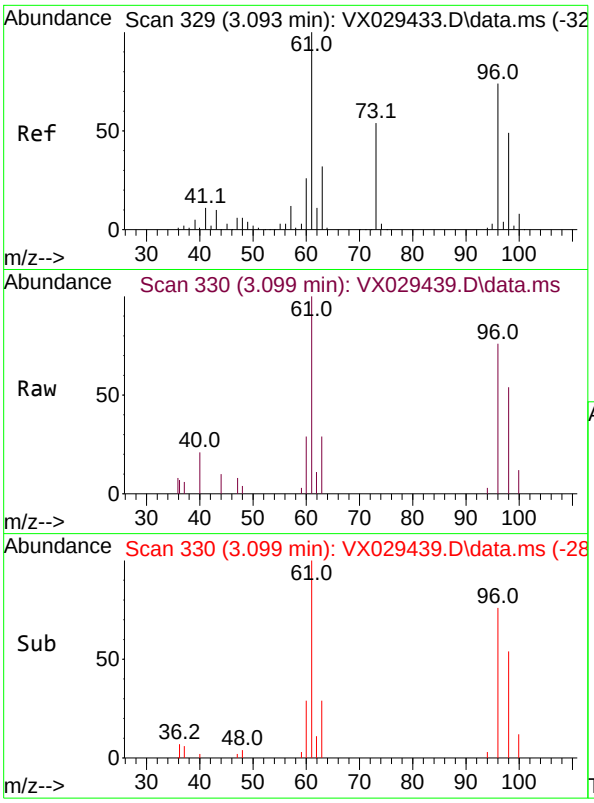


#8
Chloroethane
Concen: 22.254 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion: 64 Resp: 37871

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.2	45.0



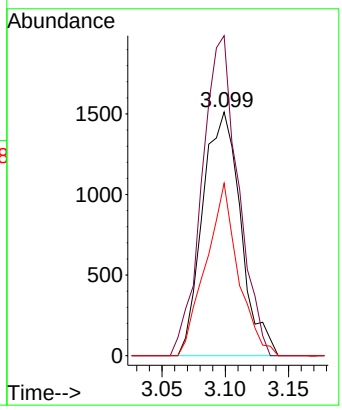


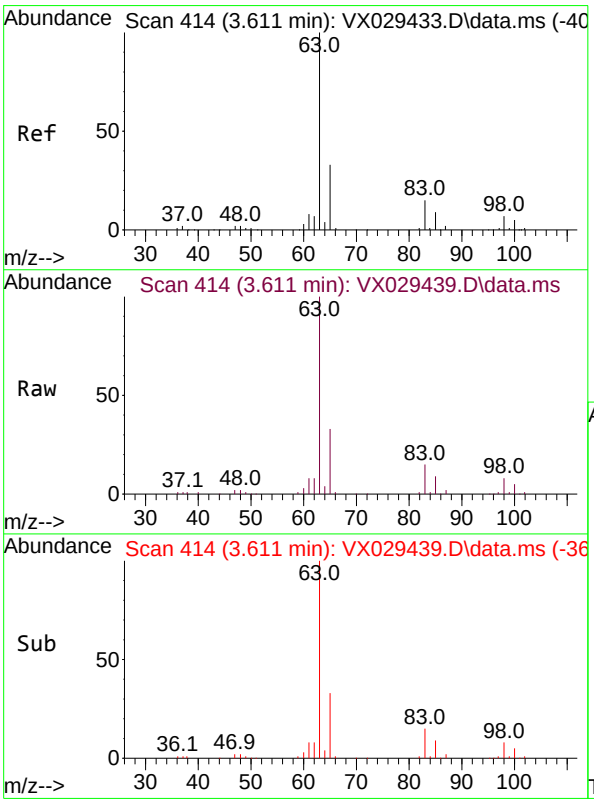
#17
trans-1,2-Dichloroethene
Concen: 1.142 ug/L
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion: 96 Resp: 3161

Ion	Ratio	Lower	Upper
96	100		
61	131.3	93.0	172.6
98	70.7	44.3	82.3

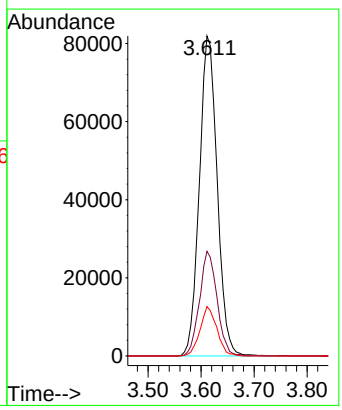


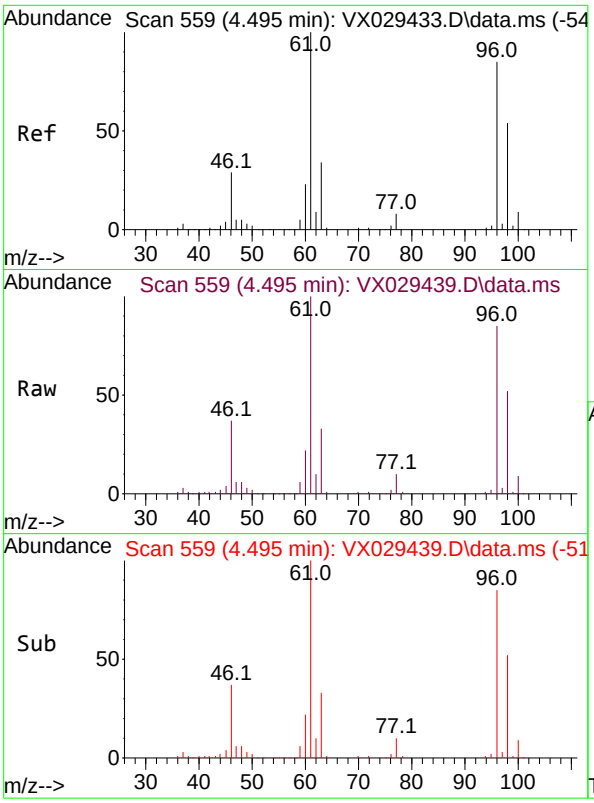


#19
1,1-Dichloroethane
Concen: 39.176 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion: 63 Resp: 191465

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.9	42.5
83	15.4	10.1	18.9



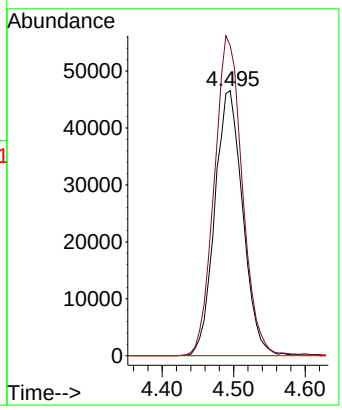


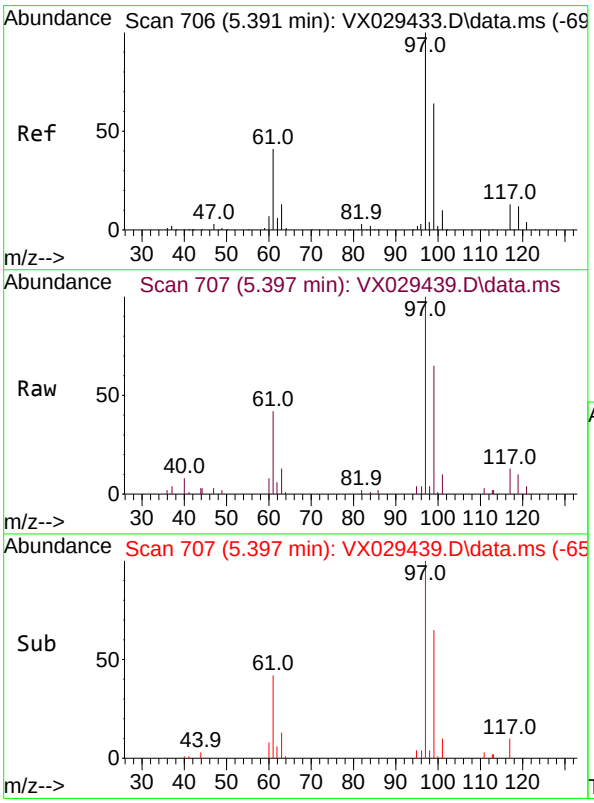
#20
cis-1,2-Dichloroethene
Concen: 40.428 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion: 96 Resp: 126427

Ion	Ratio	Lower	Upper
96	100		
61	117.0	86.7	161.1
68	0.0	0.0	0.0

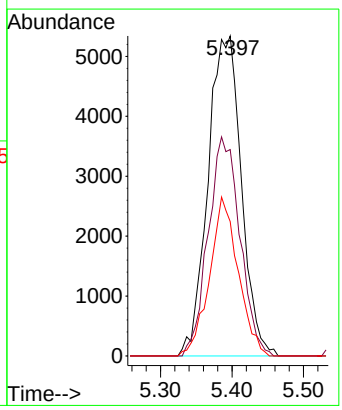


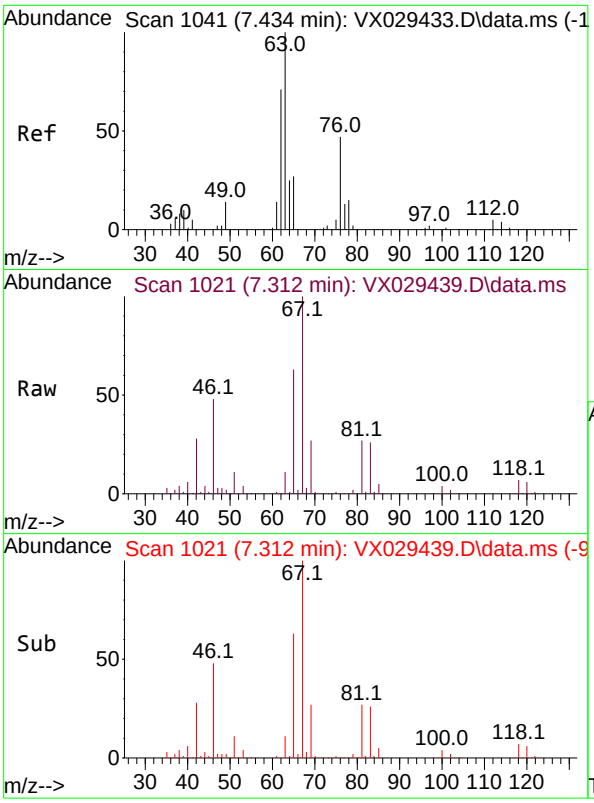


#30
1,1,1-Trichloroethane
Concen: 3.680 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion: 97 Resp: 17322

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.5	77.3
61	42.6	35.2	52.8



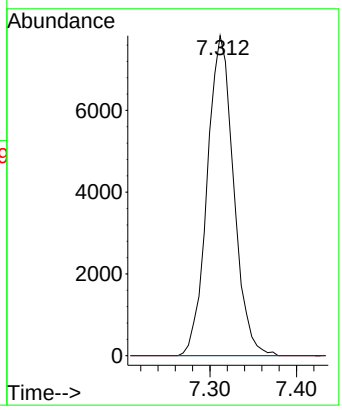


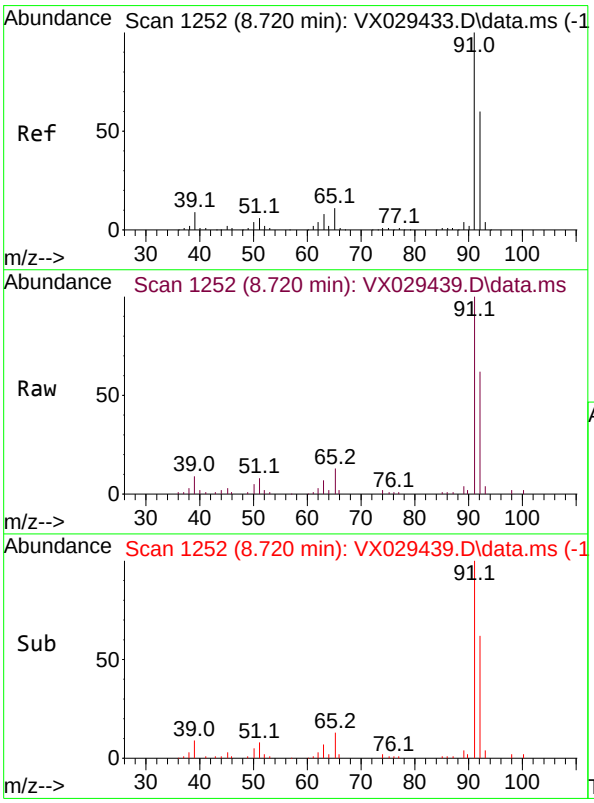
#37
1,2-Dichloropropane
Concen: 6.139 ug/L
RT: 7.312 min Scan# 1
Delta R.T. -0.122 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion: 63 Resp: 16612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

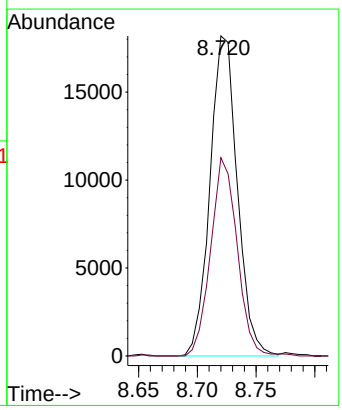


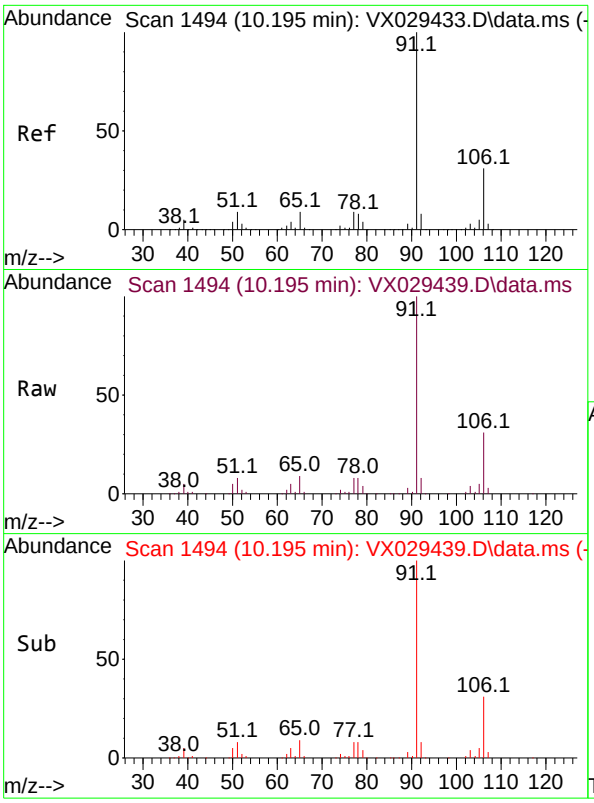


#42
Toluene
Concen: 2.440 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion: 91 Resp: 29506

Ion	Ratio	Lower	Upper
91	100		
92	61.9	41.5	77.1



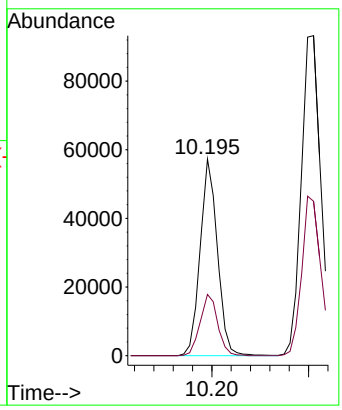


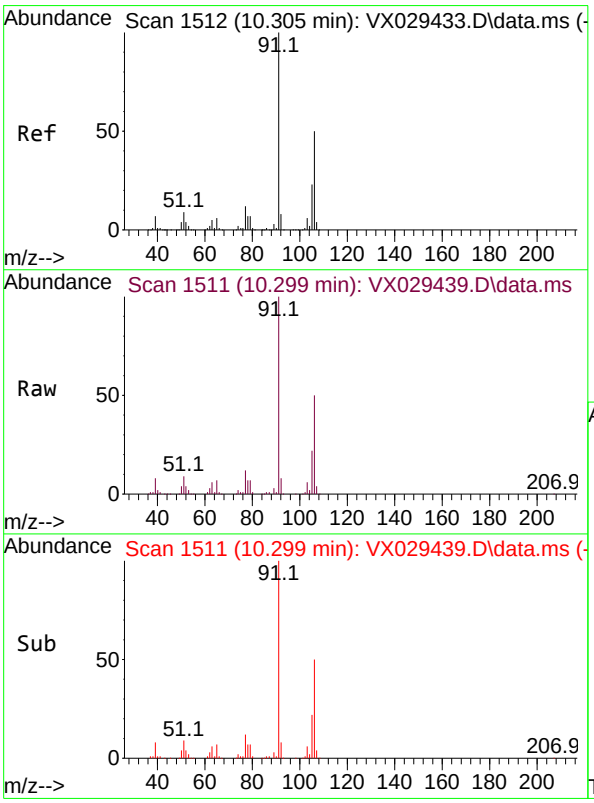
#52
Ethylbenzene
Concen: 5.390 ug/L
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion: 91 Resp: 71348

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.7	40.3

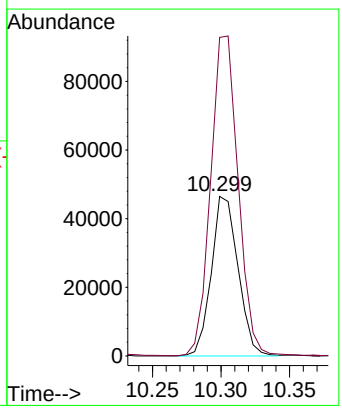


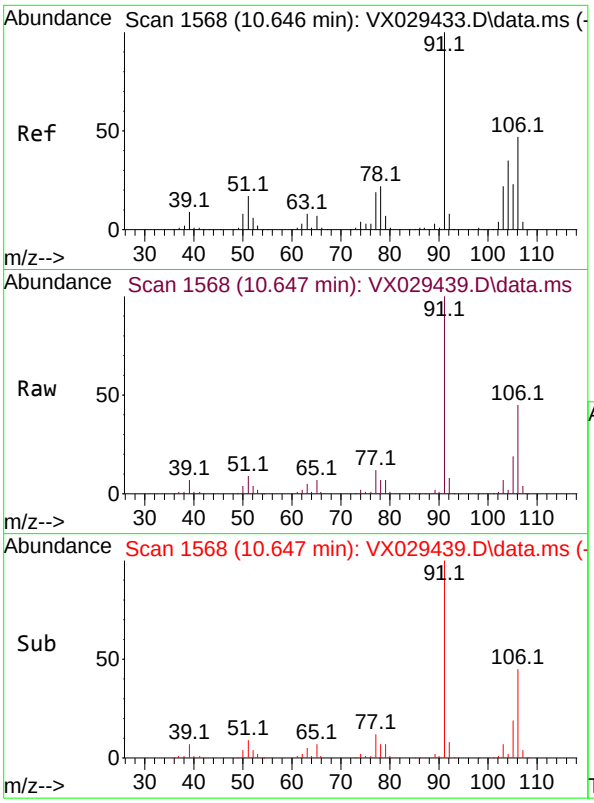


#53
m,p-Xylene
Concen: 12.127 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion:106 Resp: 63009

Ion	Ratio	Lower	Upper
106	100		
91	199.6	145.7	270.5



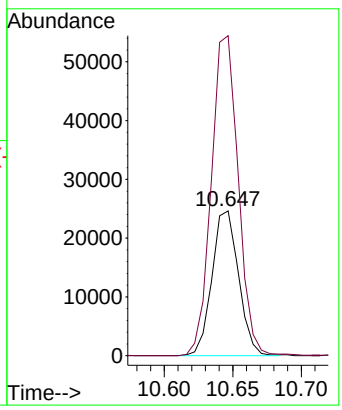


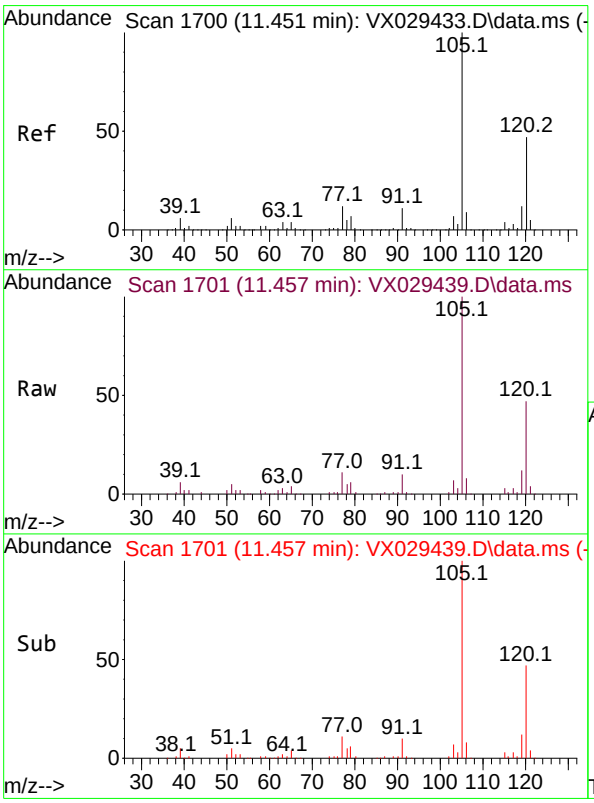
#54
o-Xylene
Concen: 6.493 ug/L
RT: 10.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion:106 Resp: 33273

Ion	Ratio	Lower	Upper
106	100		
91	221.0	151.2	280.8

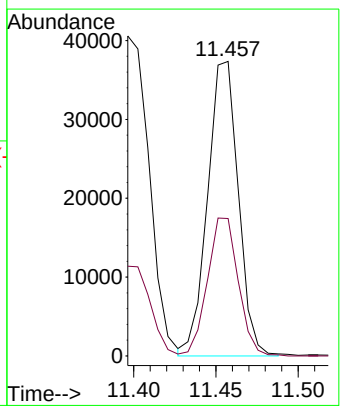


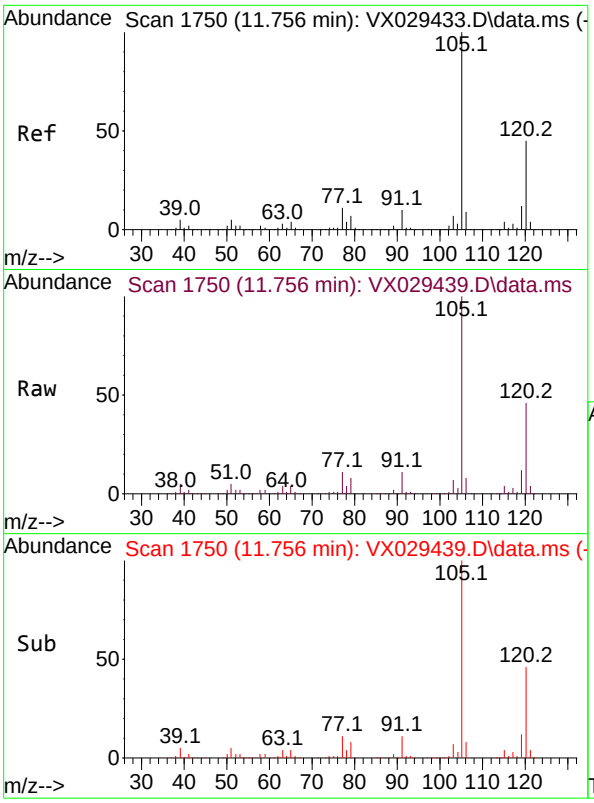


#62
1,3,5-Trimethylbenzene
Concen: 4.502 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion:105 Resp: 48602

Ion	Ratio	Lower	Upper
105	100		
120	47.0	39.1	58.7



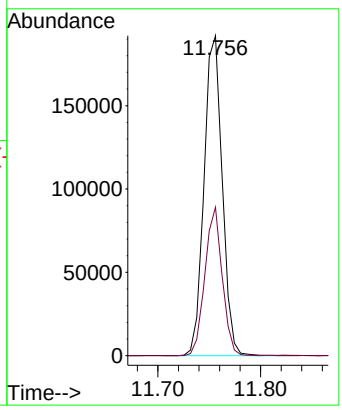


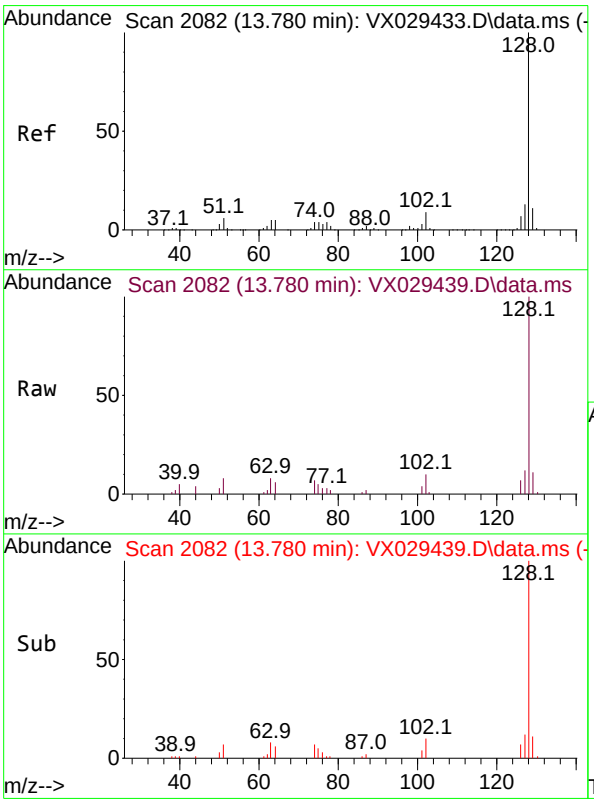
#63
1,2,4-Trimethylbenzene
Concen: 22.078 ug/L
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Instrument :
MSVOA_X
ClientSampleId :
EXYX7DL

Tgt Ion:105 Resp: 236656

Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.1	54.1





#71
Naphthalene
Concen: 0.911 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029439.D
Acq: 14 Jun 2022 01:54

Tgt Ion:128 Resp: 10823

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	11.5	8.8	13.2