Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
Data File : VN068338.D
Acq On : 27 Aug 2021 12:11
Operator : JC/MD
Sample : VN0827MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Aug 28 01:26:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	604519	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	908668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	879414	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	463542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	334268	51.787	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.024	113	305492	53.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.100%			
50) Toluene-d8	10.443	98	1146409	52.739	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.733	95	398818	55.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	86929	18.148	ug/l	98
3) Chloromethane	2.303	50	93686	17.312	ug/l	97
4) Vinyl Chloride	2.443	62	150136	17.705	ug/l	96
5) Bromomethane	2.861	94	143014	19.486	ug/l	98
6) Chloroethane	3.022	64	110844	19.099	ug/l	95
7) Trichlorofluoromethane	3.373	101	321239	19.270	ug/l	97
8) Diethyl Ether	3.824	74	112822	29.177	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	102628	20.135	ug/l #	83
10) Methyl Iodide	4.417	142	107848	14.881	ug/l #	87
11) Tert butyl alcohol	5.393	59	86368	107.298	ug/l #	89
12) 1,1-Dichloroethene	4.175	96	93772	19.134	ug/l #	76
13) Acrolein	4.041	56	38650	65.868	ug/l	100
14) Allyl chloride	4.838	41	121823	19.447	ug/l #	94
15) Acrylonitrile	5.559	53	237403	104.684	ug/l	98
16) Acetone	4.293	43	209130	110.971	ug/l #	87
17) Carbon Disulfide	4.524	76	226149	17.851	ug/l	99
18) Methyl Acetate	4.862	43	112233	21.493	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	337363	21.352	ug/l	96
20) Methylene Chloride	5.093	84	118588	21.535	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	106062	19.331	ug/l #	78
22) Diisopropyl ether	6.503	45	285203	20.841	ug/l #	94
23) Vinyl Acetate	6.439	43	947745	88.974	ug/l #	89
24) 1,1-Dichloroethane	6.391	63	177867	19.454	ug/l	94
25) 2-Butanone	7.343	43	304195	103.576	ug/l #	82
26) 2,2-Dichloropropane	7.327	77	165127	21.078	ug/l	89
27) cis-1,2-Dichloroethene	7.329	96	130773	19.906	ug/l	74
28) Bromochloromethane	7.659	49	85811	21.343	ug/l #	43
29) Tetrahydrofuran	7.691	42	200422	106.706	ug/l #	80
30) Chloroform	7.820	83	218318	20.045	ug/l	100
31) Cyclohexane	8.096	56	159677	18.782	ug/l #	77
32) 1,1,1-Trichloroethane	8.016	97	202487	20.847	ug/l	94
36) 1,1-Dichloropropene	8.222	75	149411	20.114	ug/l	90
37) Ethyl Acetate	7.418	43	127773	20.191	ug/l	96
38) Carbon Tetrachloride	8.206	117	175920	20.534	ug/l	95
39) Methylcyclohexane	9.461	83	182433	21.746	ug/l #	84
40) Benzene	8.464	78	462354	20.394	ug/l	100

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.643	41	60689	21.006	ug/l	#	85
42) 1,2-Dichloroethane	8.534	62	162415	21.031	ug/l		94
43) Isopropyl Acetate	8.566	43	214793	21.190	ug/l	#	89
44) Trichloroethene	9.220	130	139675	20.487	ug/l		79
45) 1,2-Dichloropropane	9.494	63	110856	20.788	ug/l		98
46) Dibromomethane	9.579	93	89990	20.687	ug/l	#	77
47) Bromodichloromethane	9.765	83	174293	21.561	ug/l	#	95
48) Methyl methacrylate	9.563	41	88270	20.896	ug/l	#	80
49) 1,4-Dioxane	9.574	88	44444	435.292	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.333	43	675621	108.505	ug/l		90
52) Toluene	10.507	92	324684	21.007	ug/l		99
53) t-1,3-Dichloropropene	10.722	75	174460	21.973	ug/l		98
54) cis-1,3-Dichloropropene	10.191	75	182356	21.198	ug/l	#	83
55) 1,1,2-Trichloroethane	10.899	97	131886	21.353	ug/l		95
56) Ethyl methacrylate	10.765	69	168810	21.283	ug/l	#	80
57) 1,3-Dichloropropane	11.047	76	194788	20.476	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.043	63	134683	92.026	ug/l	#	83
59) 2-Hexanone	11.089	43	472729	109.338	ug/l		88
60) Dibromochloromethane	11.240	129	156047	22.395	ug/l		99
61) 1,2-Dibromoethane	11.347	107	137168	21.414	ug/l		97
64) Tetrachloroethene	10.979	164	138714	20.399	ug/l		88
65) Chlorobenzene	11.773	112	366337	20.345	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.843	131	148916	21.925	ug/l		98
67) Ethyl Benzene	11.848	91	601686	20.258	ug/l		92
68) m/p-Xylenes	11.956	106	501848	42.239	ug/l		78
69) o-Xylene	12.283	106	239815	20.890	ug/l		79
70) Styrene	12.296	104	392066	21.337	ug/l	#	89
71) Bromoform	12.460	173	124016	22.768	ug/l	#	100
73) Isopropylbenzene	12.581	105	617764	18.739	ug/l		93
74) N-amyl acetate	12.390	43	157116	18.302	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	189364	19.153	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	213525	27.714	ug/l	#	100
77) Bromobenzene	12.862	156	179558	19.770	ug/l		53
78) n-propylbenzene	12.924	91	692926	19.594	ug/l		90
79) 2-Chlorotoluene	13.010	91	409143	18.707	ug/l		81
80) 1,3,5-Trimethylbenzene	13.061	105	536619	20.121	ug/l		91
81) trans-1,4-Dichloro-2-b...	12.629	75	46838	19.917	ug/l		88
82) 4-Chlorotoluene	13.106	91	412929	19.452	ug/l		84
83) tert-Butylbenzene	13.326	119	474442	20.033	ug/l		83
84) 1,2,4-Trimethylbenzene	13.369	105	532919	20.469	ug/l		88
85) sec-Butylbenzene	13.503	105	655494	21.020	ug/l		91
86) p-Isopropyltoluene	13.619	119	559757	21.747	ug/l		90
87) 1,3-Dichlorobenzene	13.619	146	322234	20.806	ug/l		91
88) 1,4-Dichlorobenzene	13.696	146	316171	20.151	ug/l		92
89) n-Butylbenzene	13.946	91	420744	21.912	ug/l		95
90) Hexachloroethane	14.214	117	99507	20.835	ug/l		72
91) 1,2-Dichlorobenzene	13.991	146	300133	20.355	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	30324	20.249	ug/l	#	28
93) 1,2,4-Trichlorobenzene	15.265	180	158318	22.059	ug/l		97
94) Hexachlorobutadiene	15.373	225	87234	21.844	ug/l		99
95) Naphthalene	15.507	128	387870	23.235	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	152806	22.467	ug/l		98

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Operator : JC/MD
Sample : VN0827MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 28 01:26:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
Data File : VN068338.D
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Operator : JC/MD
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
MSVOA_N
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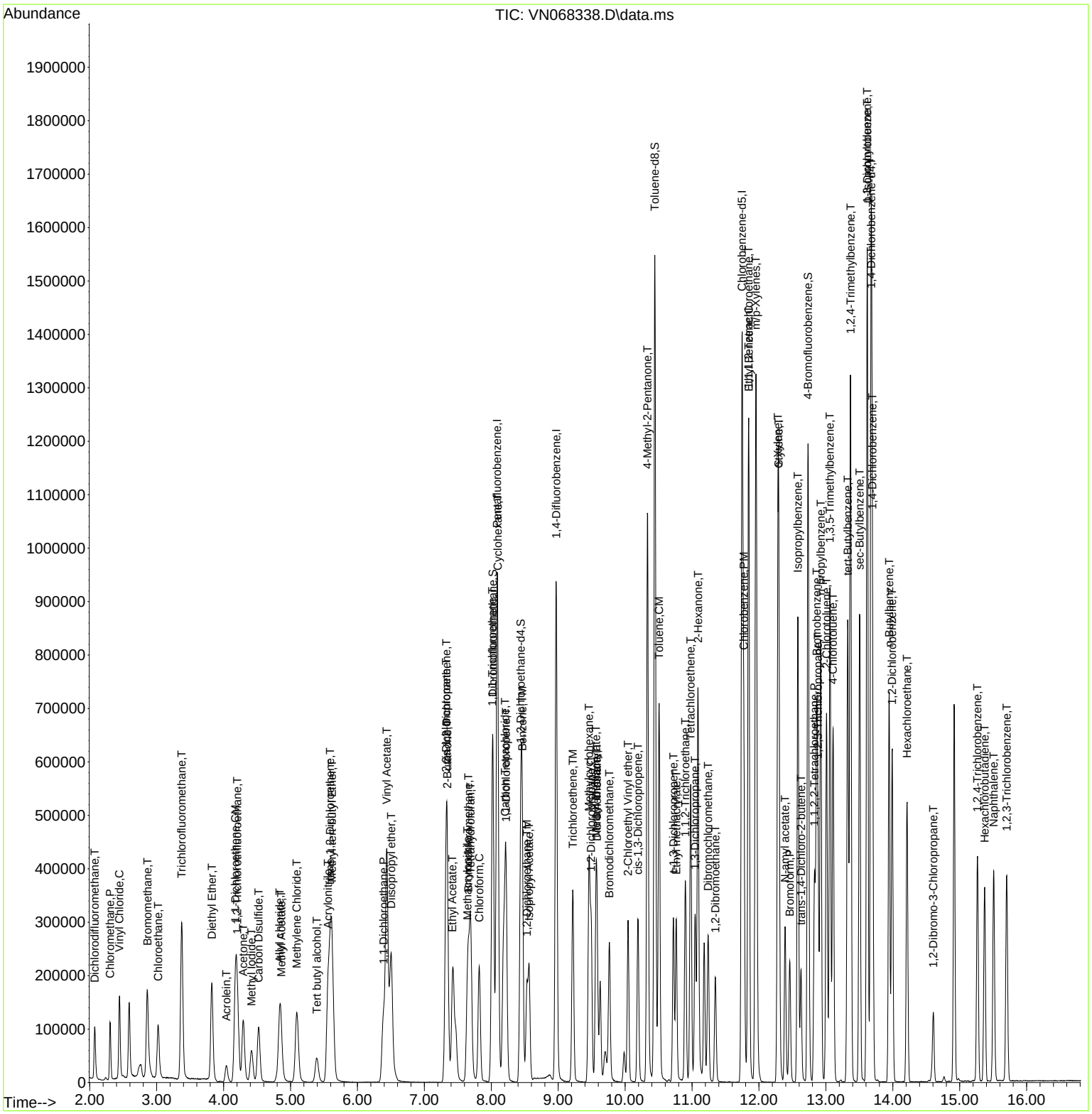
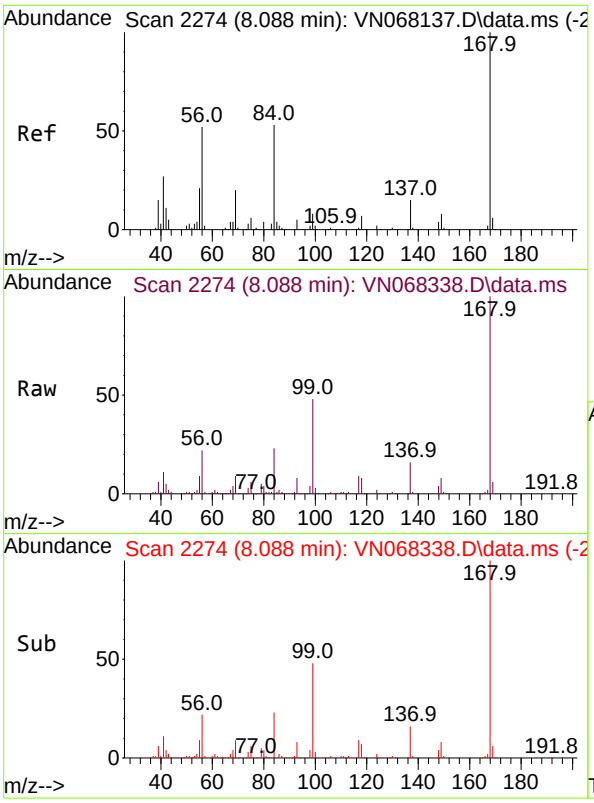
Quant Time: Aug 28 01:26:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration



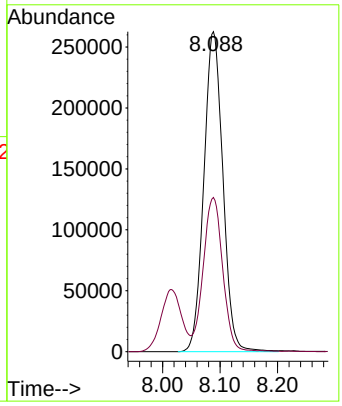
Instrument :
MSVOA_N
ClientSampleId :

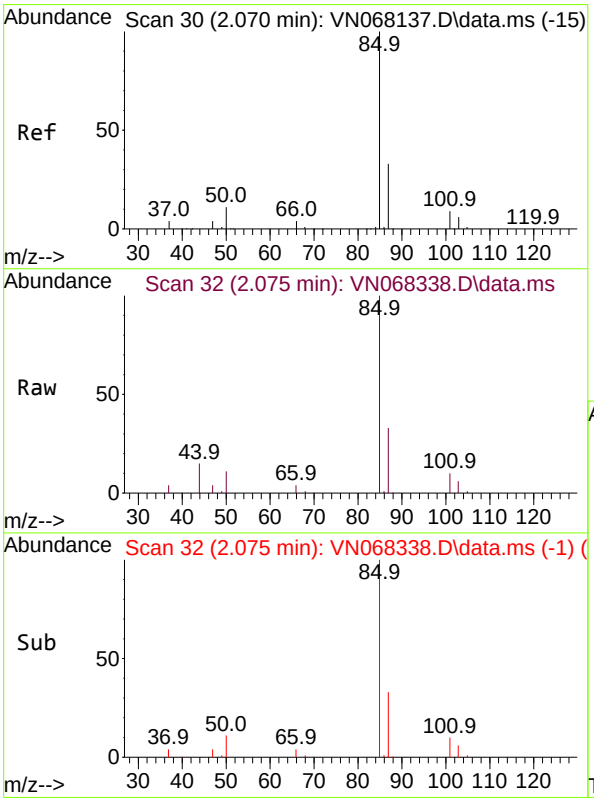


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:168 Resp: 604519

Ion	Ratio	Lower	Upper
168	100		
99	48.1	62.9	94.3#

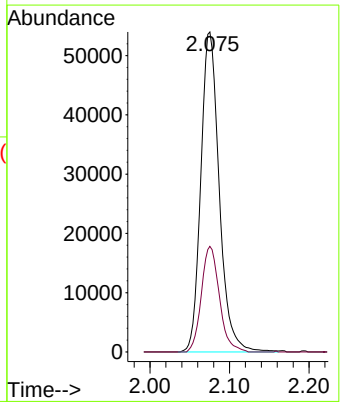


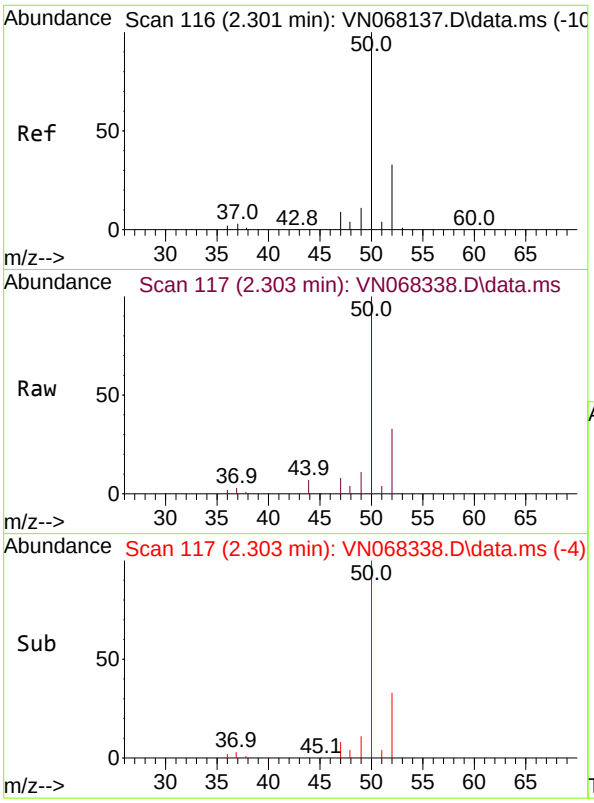


#2
Dichlorodifluoromethane
Concen: 18.148 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 85 Resp: 86929

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.2

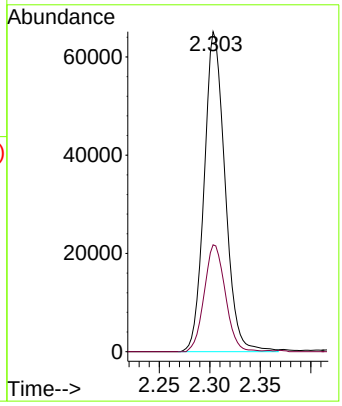




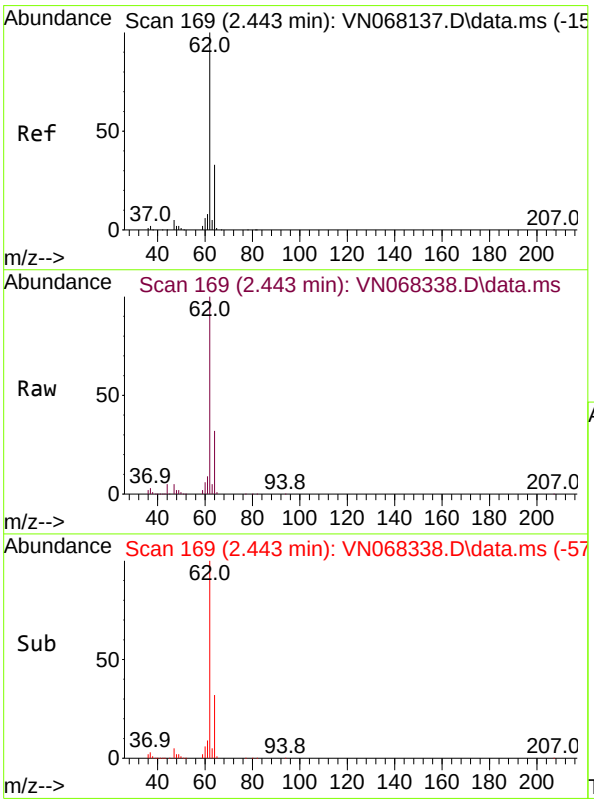
#3
Chloromethane
Concen: 17.312 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 50 Resp: 93686

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.6	38.4



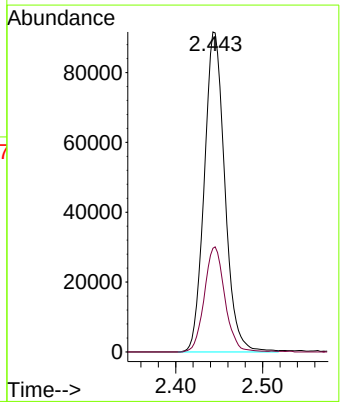
Instrument :
MSVOA_N
ClientSampleId :



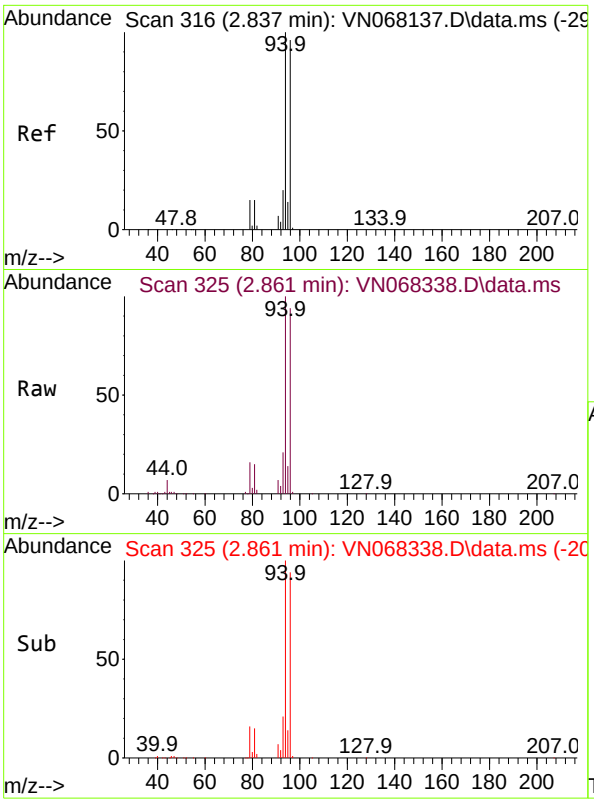
#4
Vinyl Chloride
Concen: 17.705 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 62 Resp: 150136

Ion	Ratio	Lower	Upper
62	100		
64	32.4	24.4	36.6



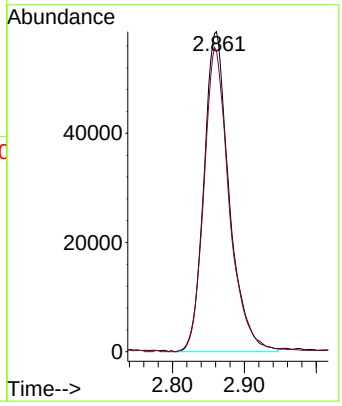
Instrument :
MSVOA_N
ClientSampleId :

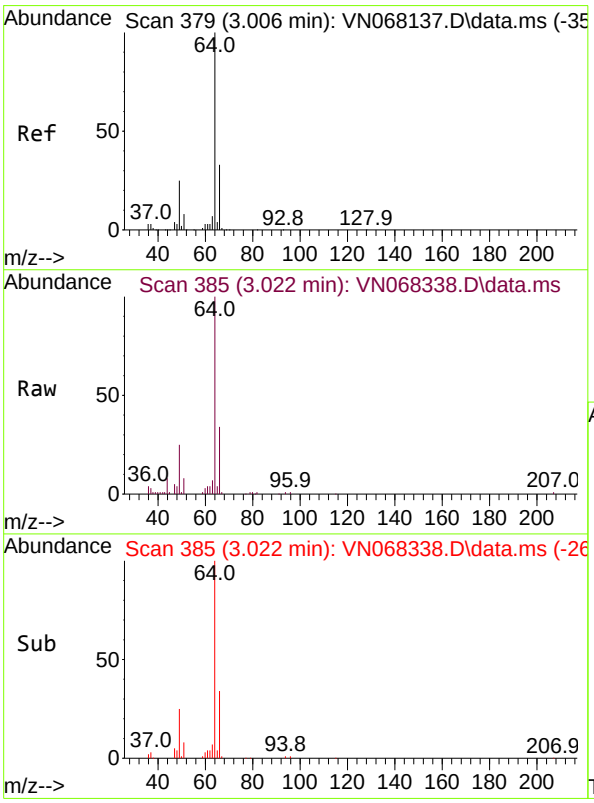


#5
Bromomethane
Concen: 19.486 ug/l
RT: 2.861 min Scan# 325
Delta R.T. 0.024 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 94 Resp: 143014

Ion	Ratio	Lower	Upper
94	100		
96	93.9	73.7	110.5

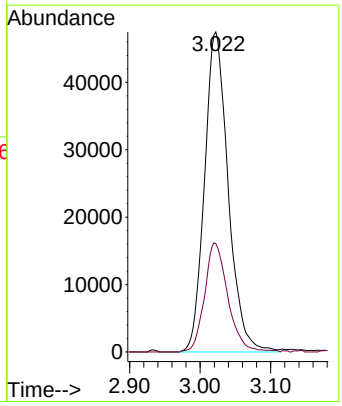




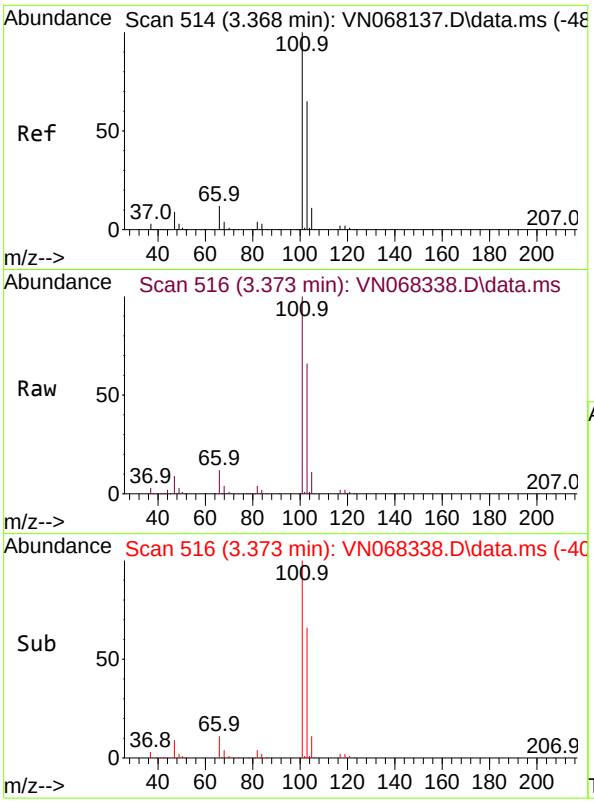
#6
Chloroethane
Concen: 19.099 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.016 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 64 Resp: 110844

Ion	Ratio	Lower	Upper
64	100		
66	33.8	24.7	37.1



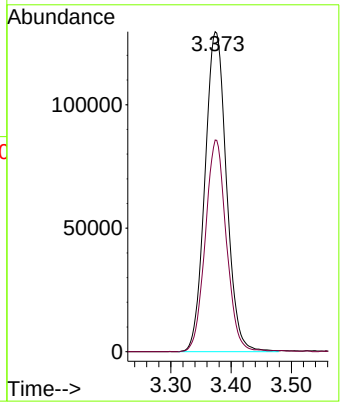
Instrument :
MSVOA_N
ClientSampleId :

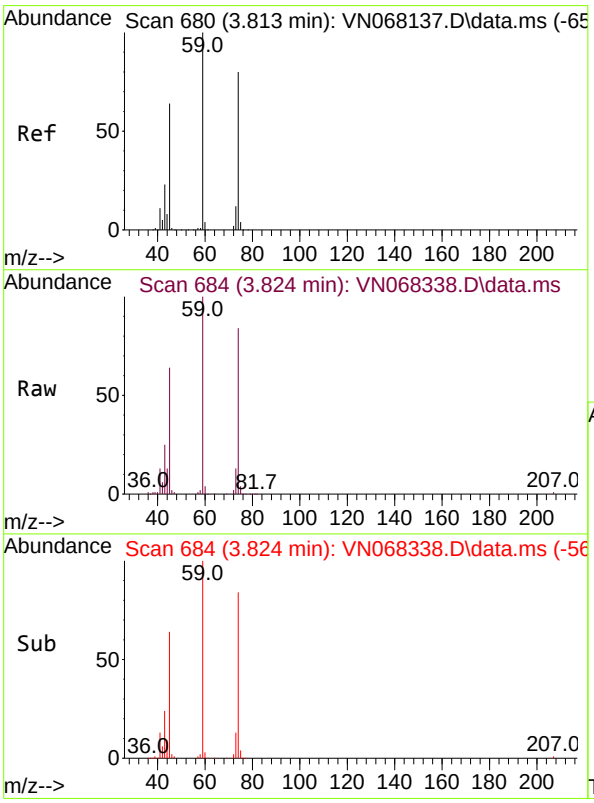


#7
Trichlorofluoromethane
Concen: 19.270 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:101 Resp: 321239

Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.2	76.8

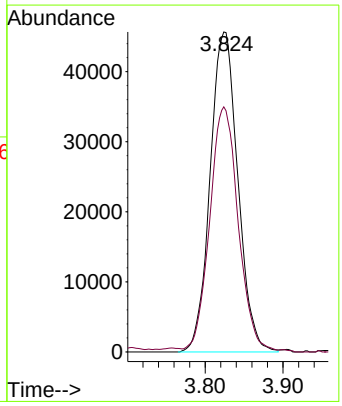




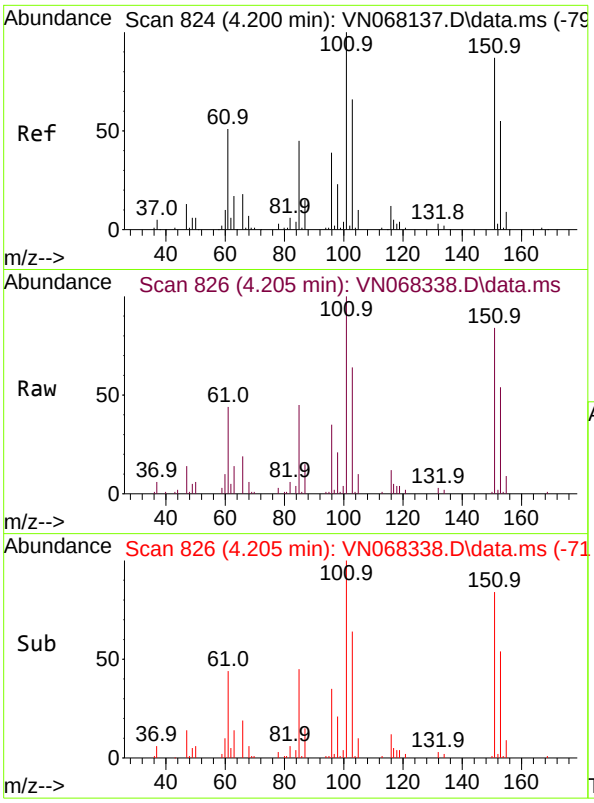
#8
Diethyl Ether
Concen: 29.177 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.011 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 74 Resp: 112822

Ion	Ratio	Lower	Upper
74	100		
45	77.3	50.2	150.7



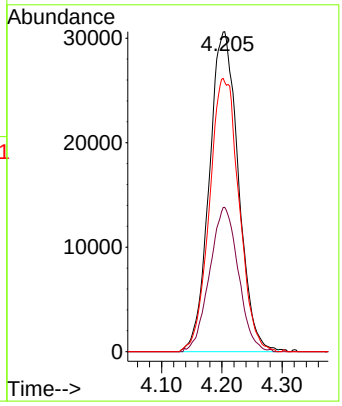
Instrument :
MSVOA_N
ClientSampleId :

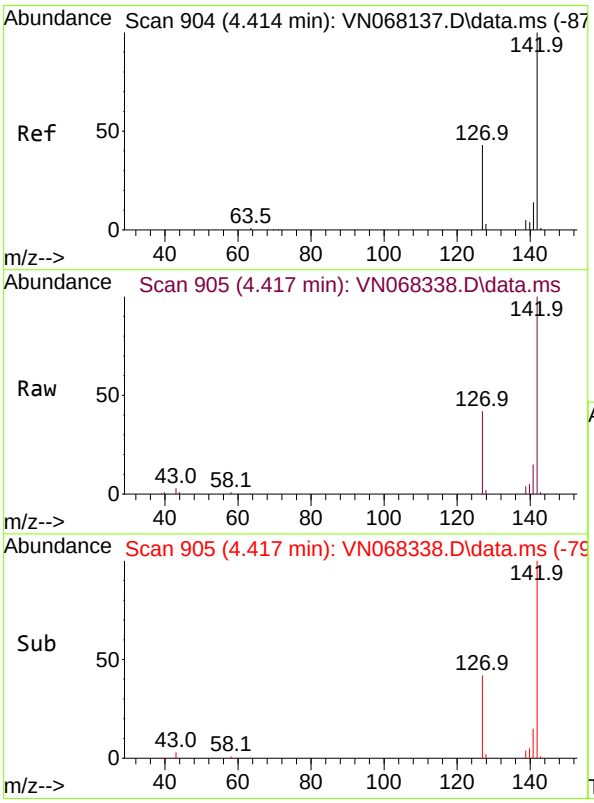


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.135 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:101 Resp: 102628

Ion	Ratio	Lower	Upper
101	100		
85	44.5	39.6	59.4
151	86.9	54.1	81.1#

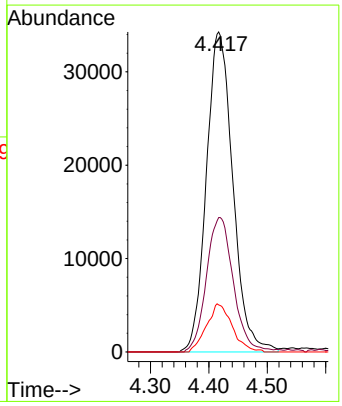




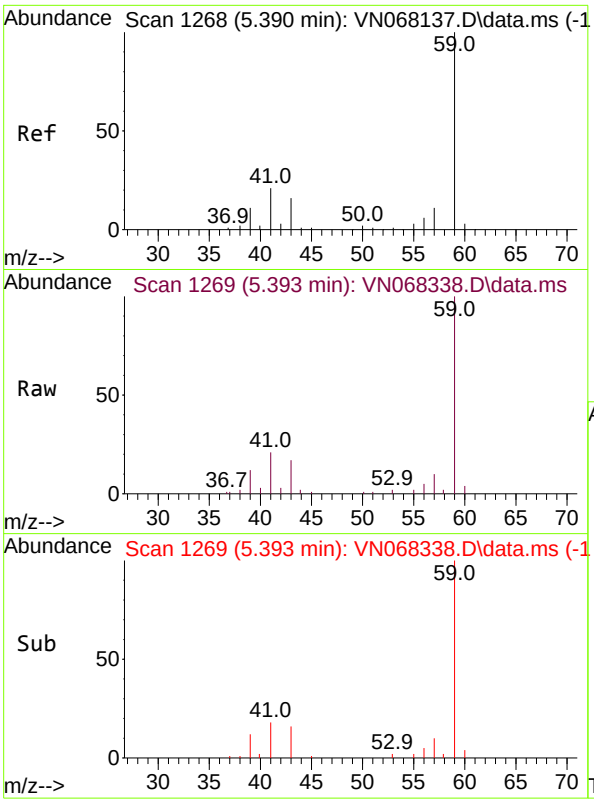
#10
Methyl Iodide
Concen: 14.881 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:142 Resp: 107848

Ion	Ratio	Lower	Upper
142	100		
127	42.7	43.1	64.7#
141	14.6	11.4	17.0



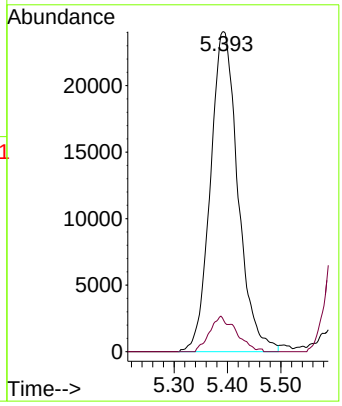
Instrument :
MSVOA_N
ClientSampleId :

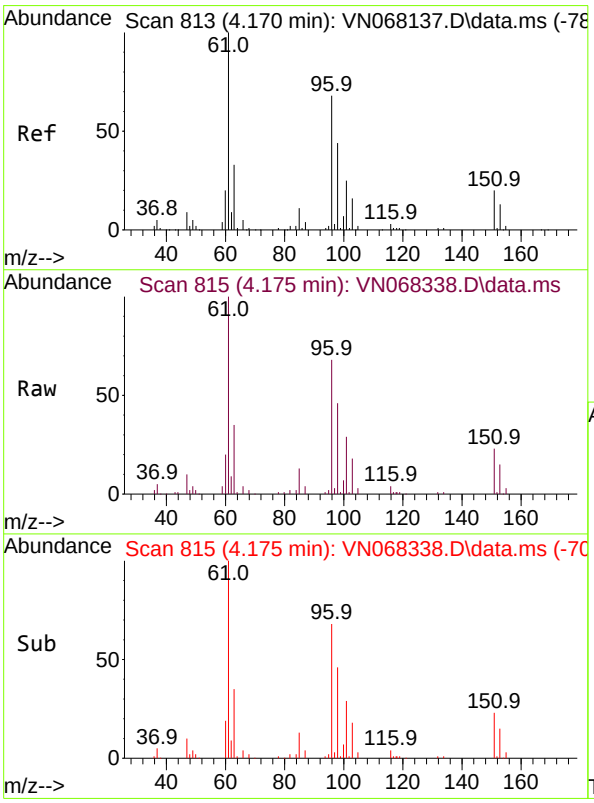


#11
Tert butyl alcohol
Concen: 107.298 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 59 Resp: 86368

Ion	Ratio	Lower	Upper
59	100		
57	6.8	8.7	13.1#

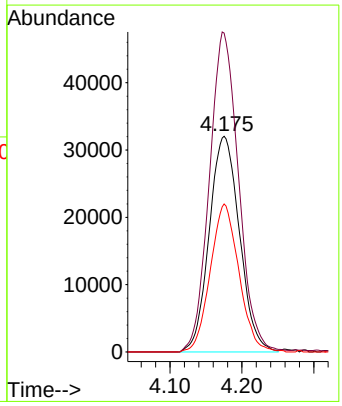


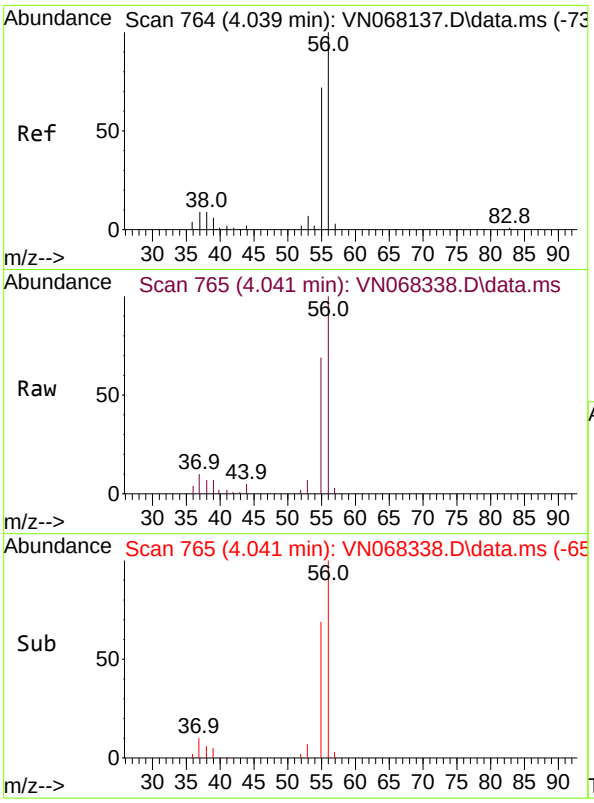


#12
1,1-Dichloroethene
Concen: 19.134 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 96 Resp: 93772

Ion	Ratio	Lower	Upper
96	100		
61	147.8	152.6	229.0#
98	68.6	50.9	76.3

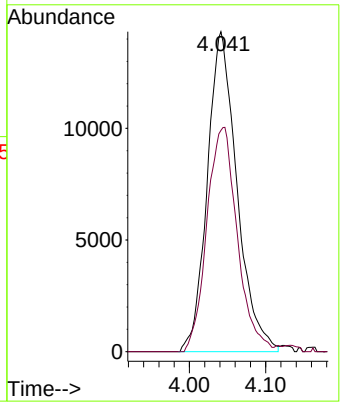




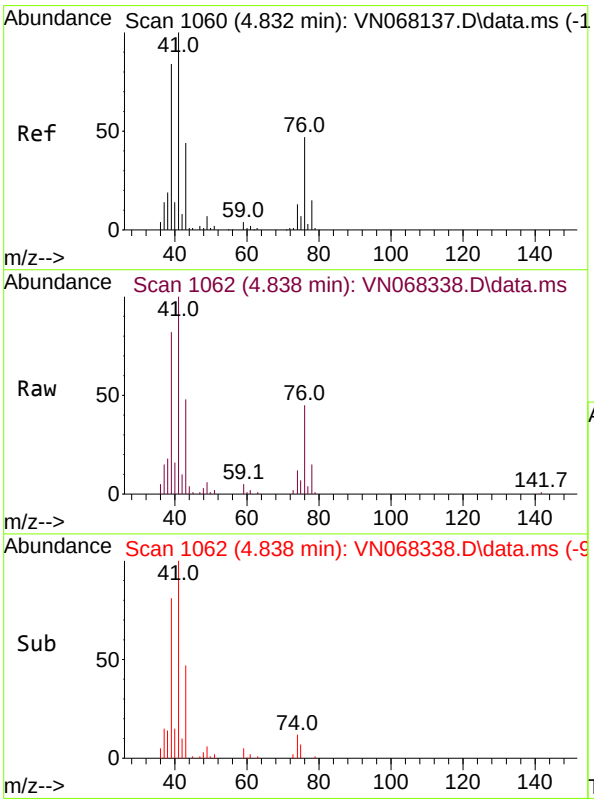
#13
Acrolein
Concen: 65.868 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 56 Resp: 38650

Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.4	86.0



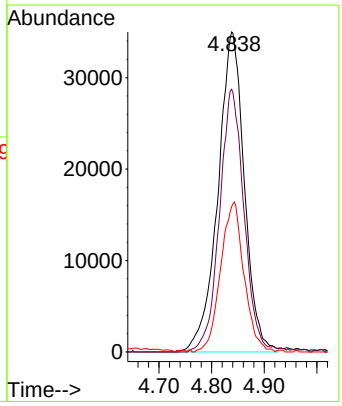
Instrument :
MSVOA_N
ClientSampleId :



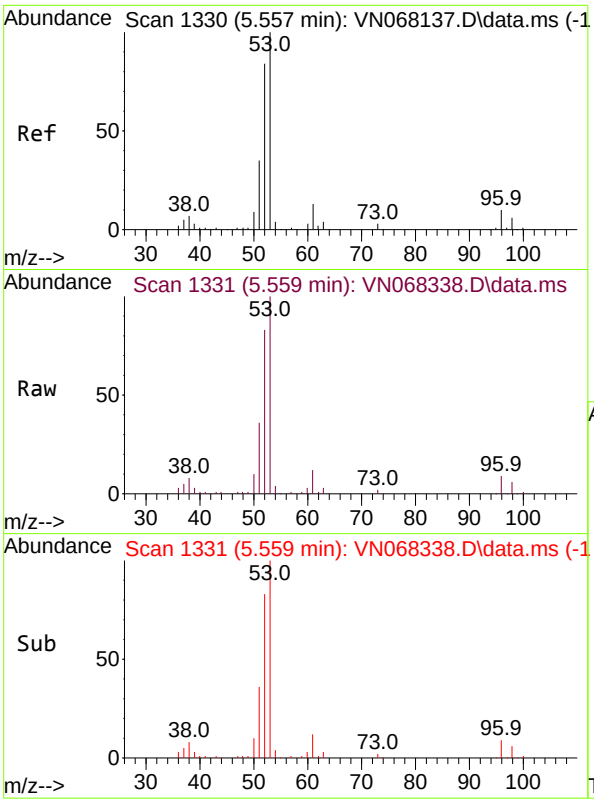
#14
Allyl chloride
Concen: 19.447 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 41 Resp: 121823

Ion	Ratio	Lower	Upper
41	100		
39	75.8	60.9	91.3
76	41.5	24.3	36.5#



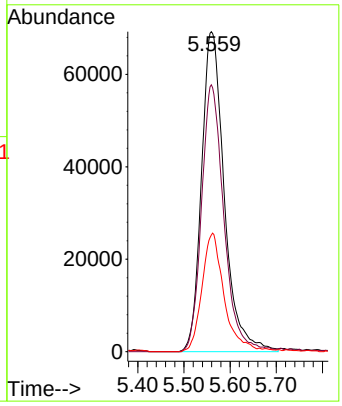
Instrument :
MSVOA_N
ClientSampleId :

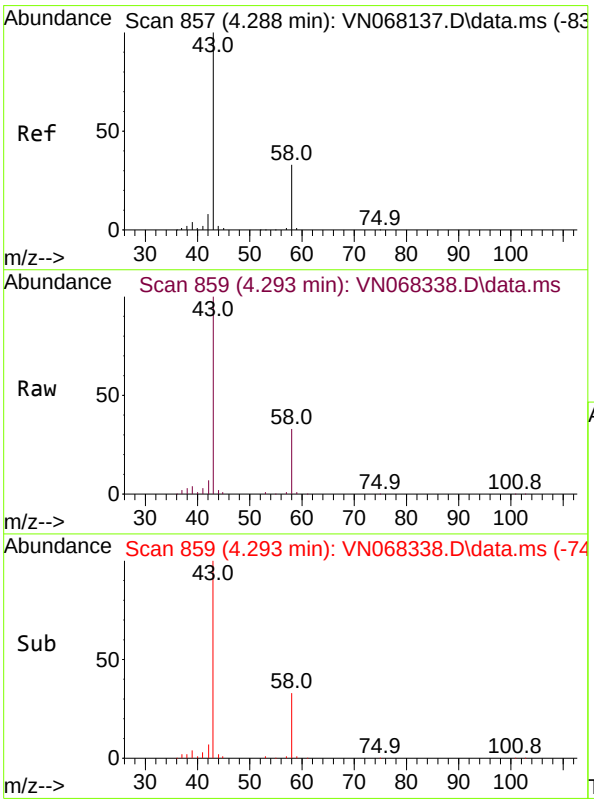


#15
Acrylonitrile
Concen: 104.684 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 53 Resp: 237403

Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	35.8	30.2	45.4

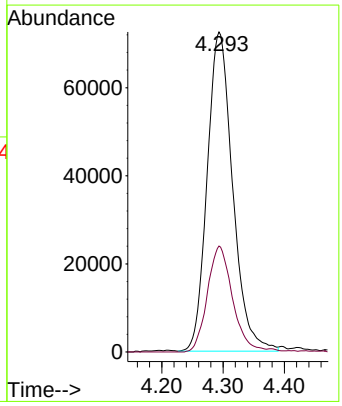


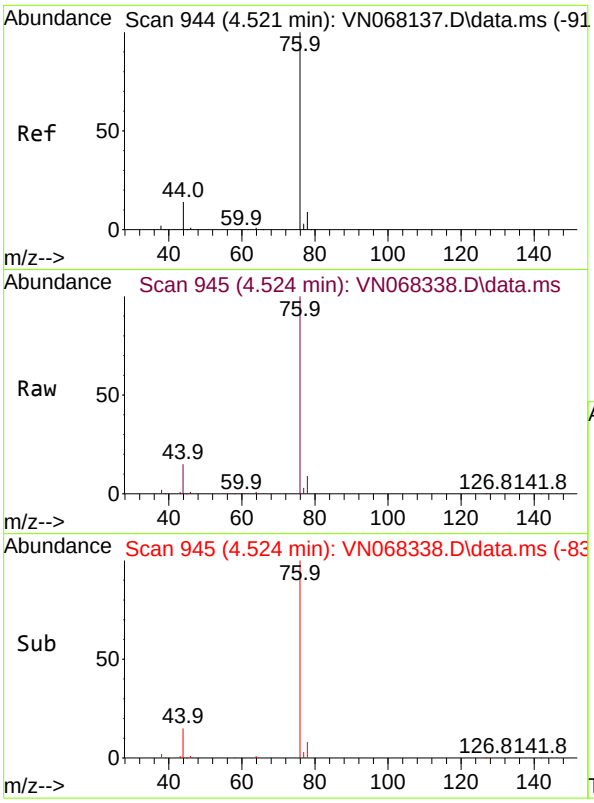


#16
Acetone
Concen: 110.971 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 209130

Ion	Ratio	Lower	Upper
43	100		
58	33.2	21.2	31.8#

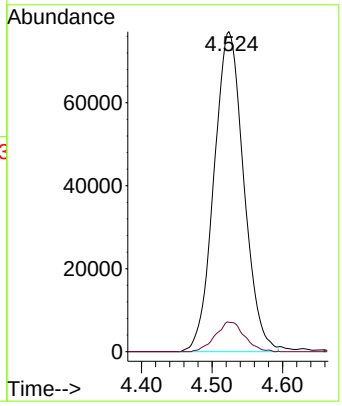




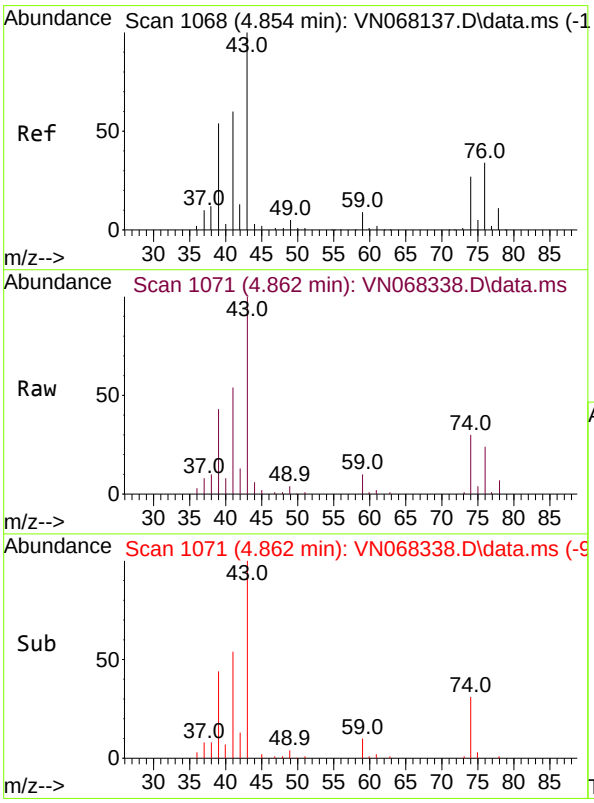
#17
Carbon Disulfide
Concen: 17.851 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 76 Resp: 226149

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.7	11.5



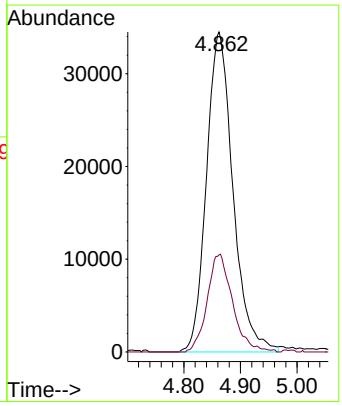
Instrument :
MSVOA_N
ClientSampleId :

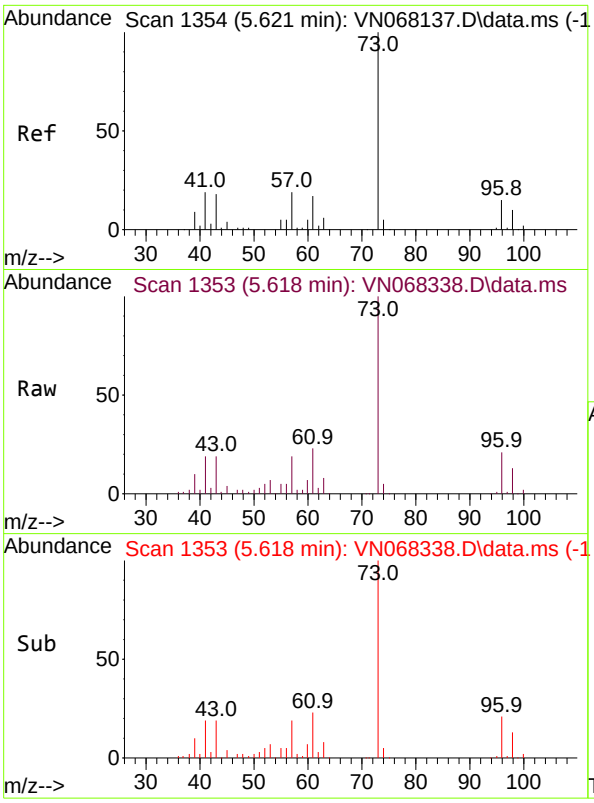


#18
Methyl Acetate
Concen: 21.493 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 112233

Ion	Ratio	Lower	Upper
43	100		
74	29.1	17.4	26.0#

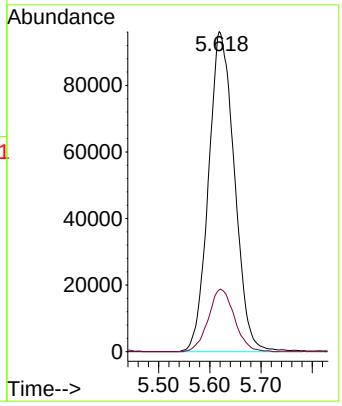




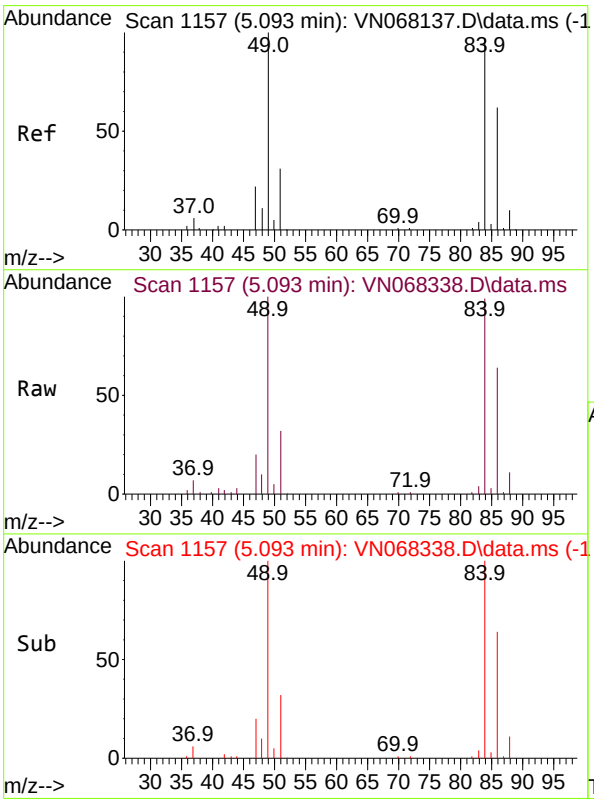
#19
Methyl tert-butyl Ether
Concen: 21.352 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 73 Resp: 337363

Ion	Ratio	Lower	Upper
73	100		
57	19.3	17.0	25.6



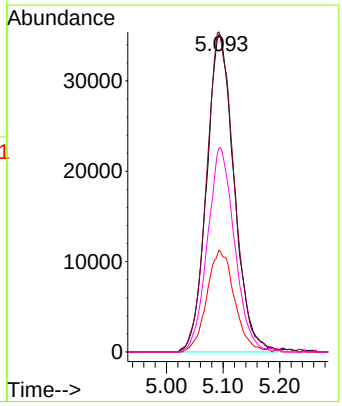
Instrument :
MSVOA_N
ClientSampleId :



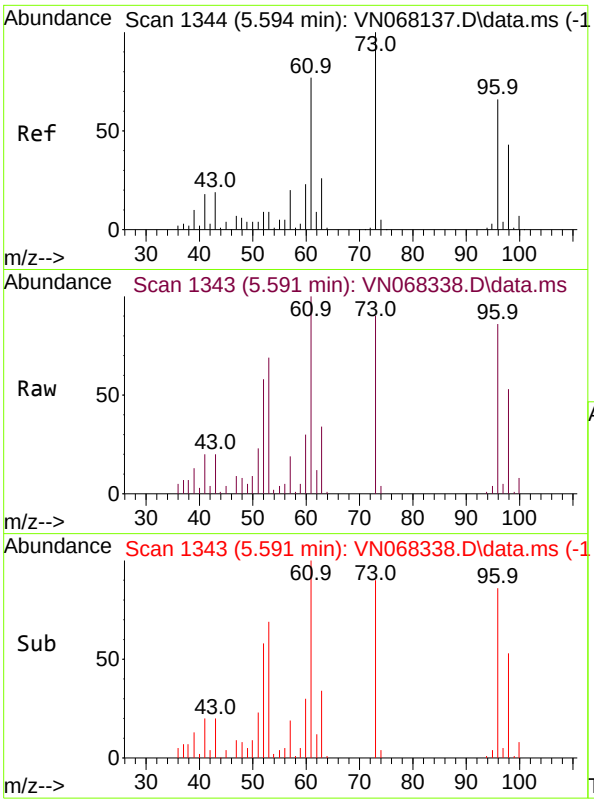
#20
Methylene Chloride
Concen: 21.535 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 84 Resp: 118588

Ion	Ratio	Lower	Upper
84	100		
49	100.7	110.9	166.3#
51	32.0	32.6	49.0#
86	64.2	51.6	77.4



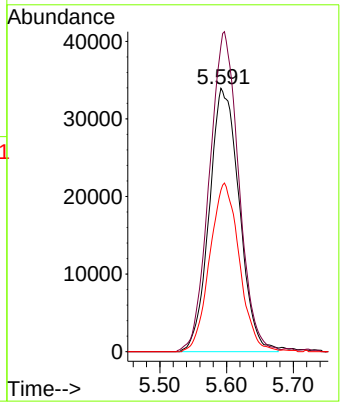
Instrument :
MSVOA_N
ClientSampleId :

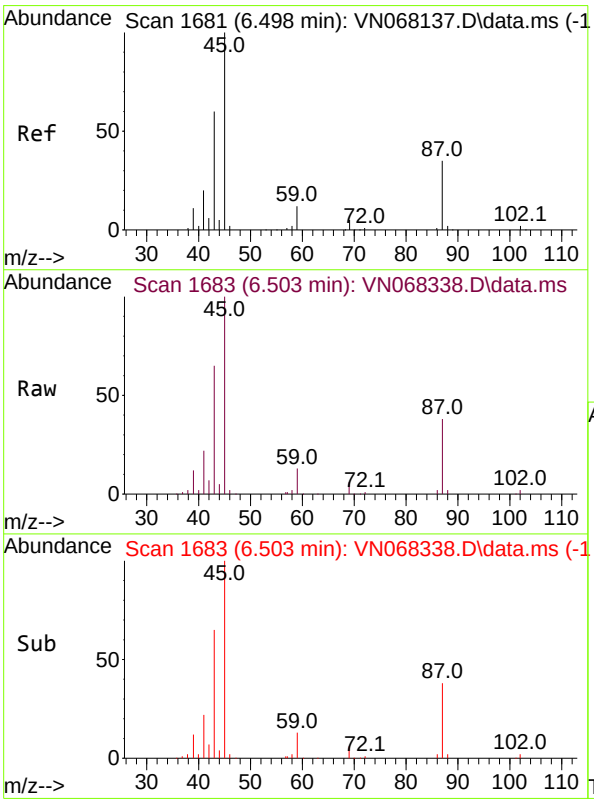


#21
trans-1,2-Dichloroethene
Concen: 19.331 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. -0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 96 Resp: 106062

Ion	Ratio	Lower	Upper
96	100		
61	115.7	123.5	185.3#
98	61.3	48.6	72.8

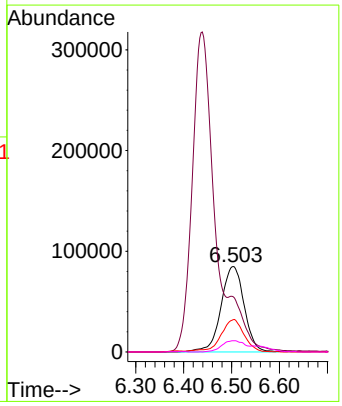


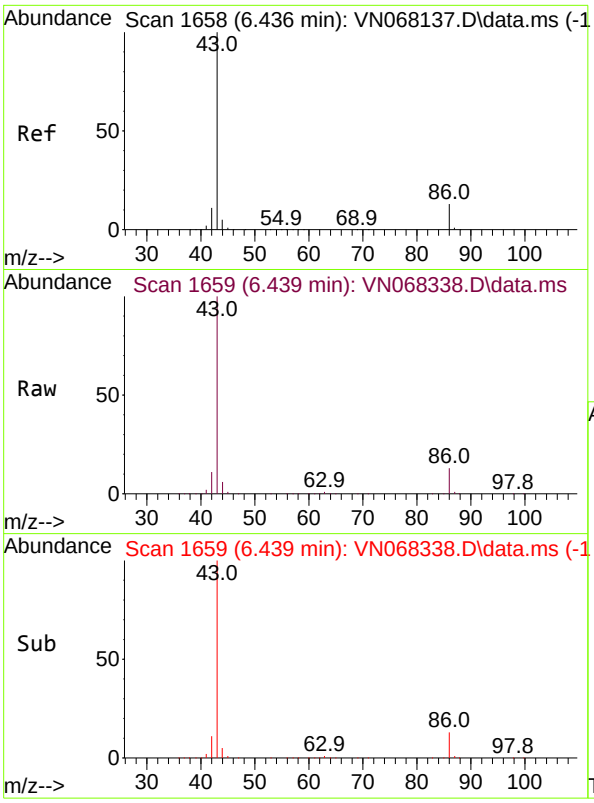


#22
Diisopropyl ether
Concen: 20.841 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 45 Resp: 285203

Ion	Ratio	Lower	Upper
45	100		
43	62.1	49.4	74.2
87	37.3	20.9	31.3#
59	12.7	9.0	13.4

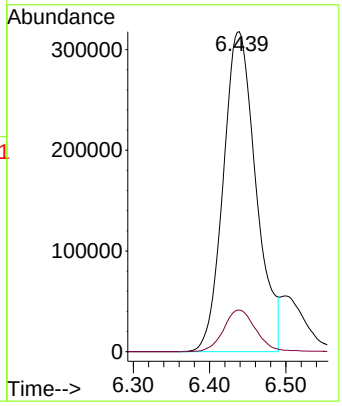




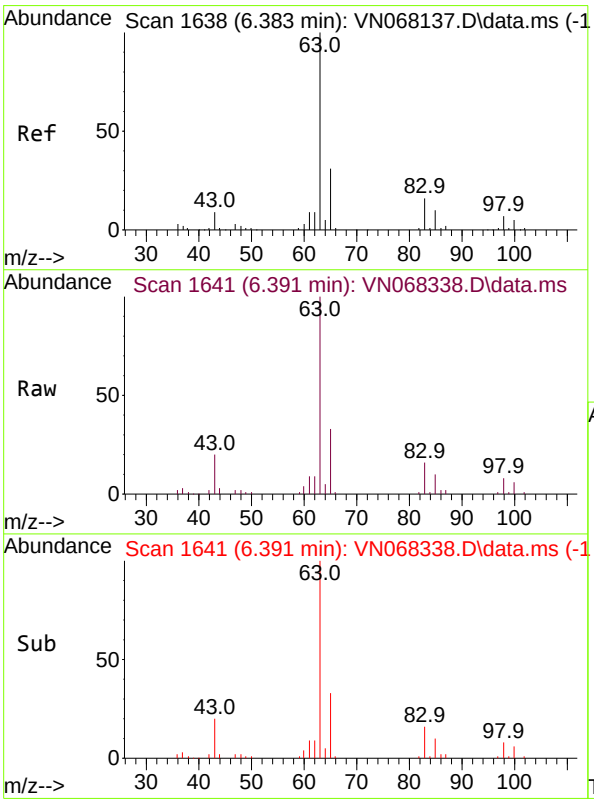
#23
Vinyl Acetate
Concen: 88.974 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 947745

Ion	Ratio	Lower	Upper
43	100		
86	13.0	7.3	10.9#



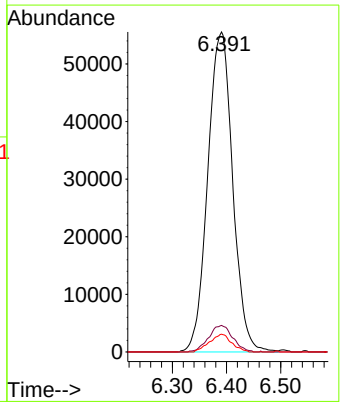
Instrument :
MSVOA_N
ClientSampleId :

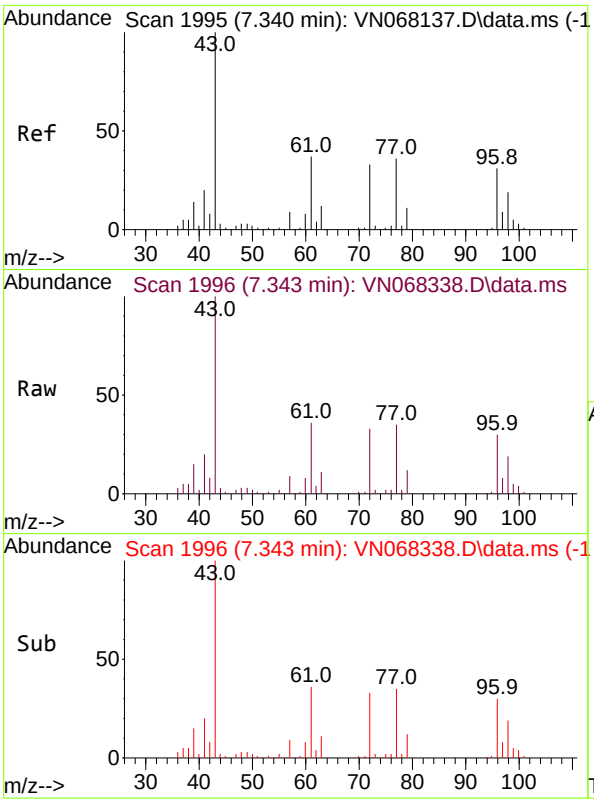


#24
1,1-Dichloroethane
Concen: 19.454 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.008 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 63 Resp: 177867

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.0	9.0
100	5.6	1.9	5.7

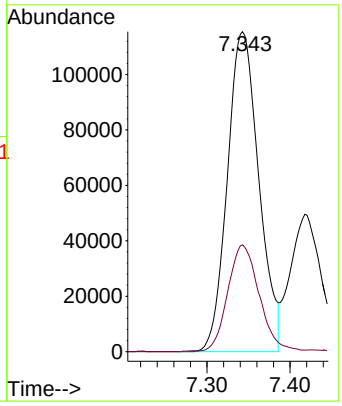




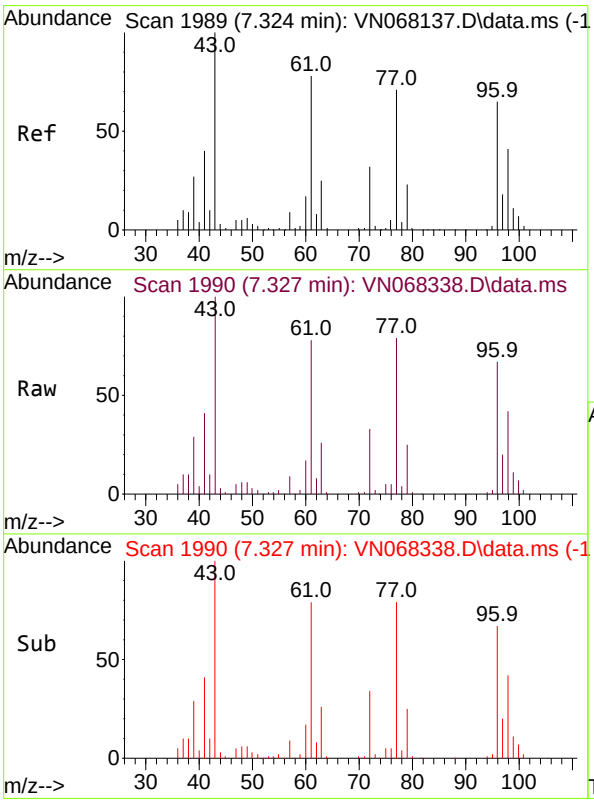
#25
2-Butanone
Concen: 103.576 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 304195

Ion	Ratio	Lower	Upper
43	100		
72	33.4	19.7	29.5#



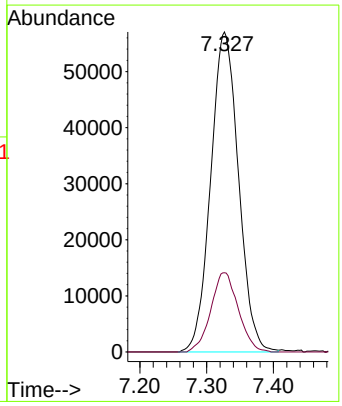
Instrument :
MSVOA_N
ClientSampleId :



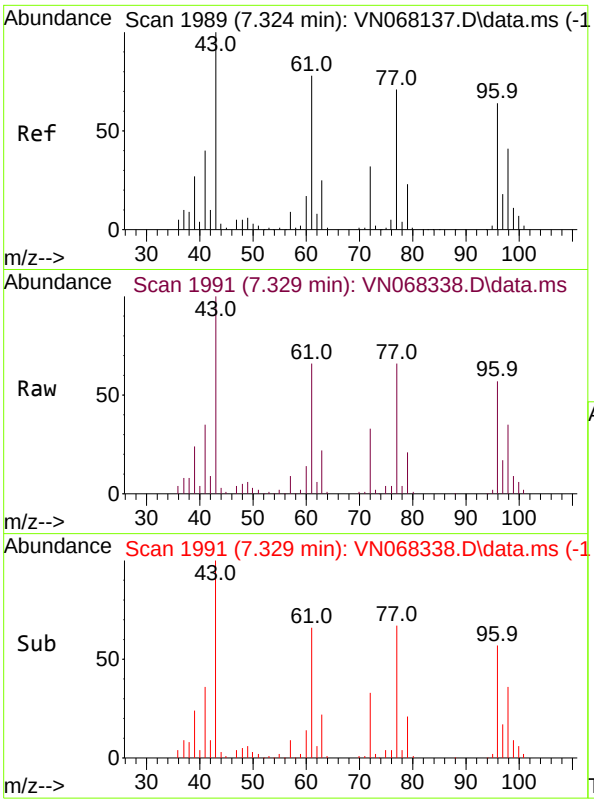
#26
2,2-Dichloropropane
Concen: 21.078 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 77 Resp: 165127

Ion	Ratio	Lower	Upper
77	100		
97	24.5	9.8	29.3



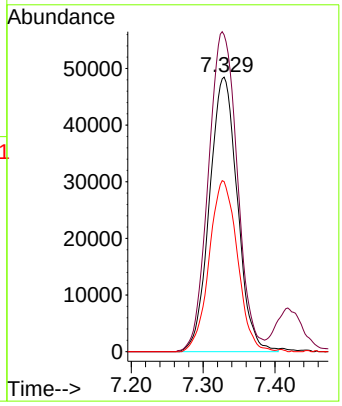
Instrument :
MSVOA_N
ClientSampleId :

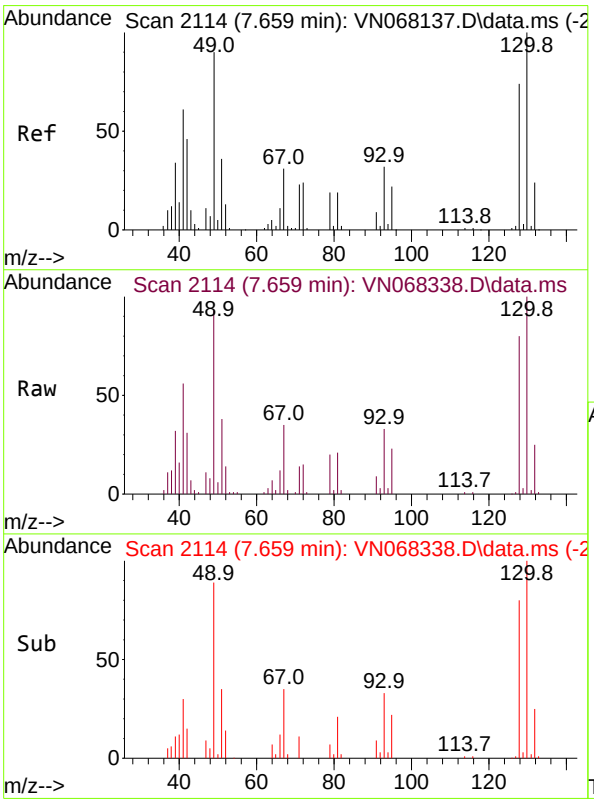


#27
cis-1,2-Dichloroethene
Concen: 19.906 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 96 Resp: 130773

Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	338.8
98	62.9	0.0	129.8

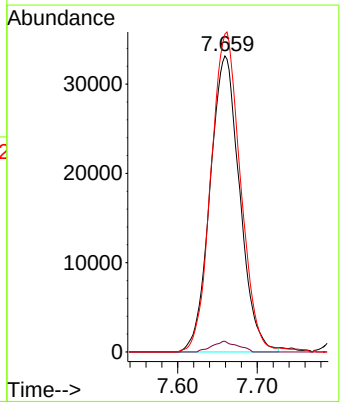




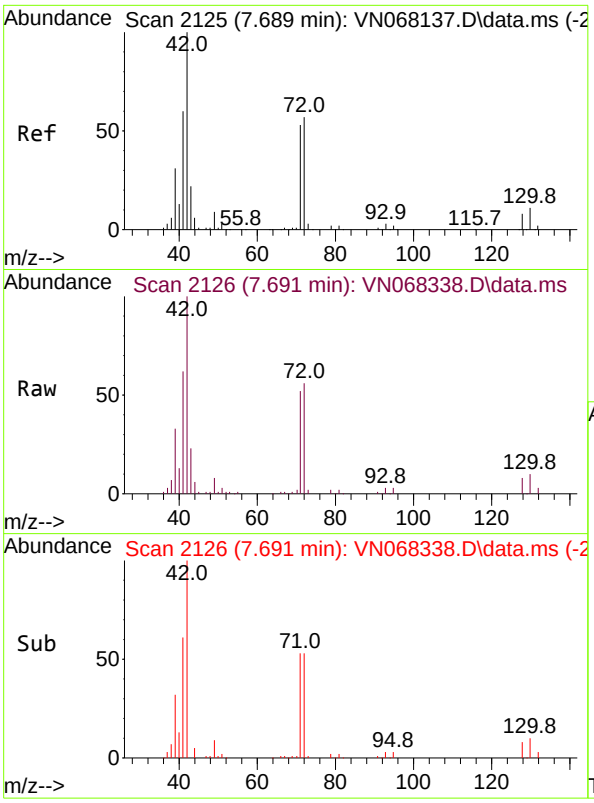
#28
Bromochloromethane
Concen: 21.343 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 49 Resp: 85811

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	3.8
130	107.1	49.7	74.5#



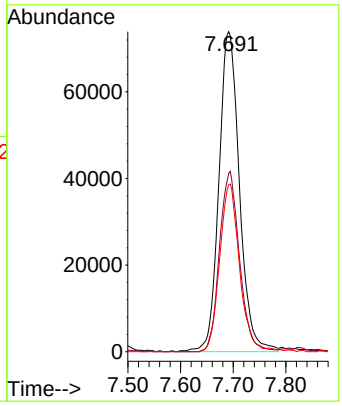
Instrument :
MSVOA_N
ClientSampleId :

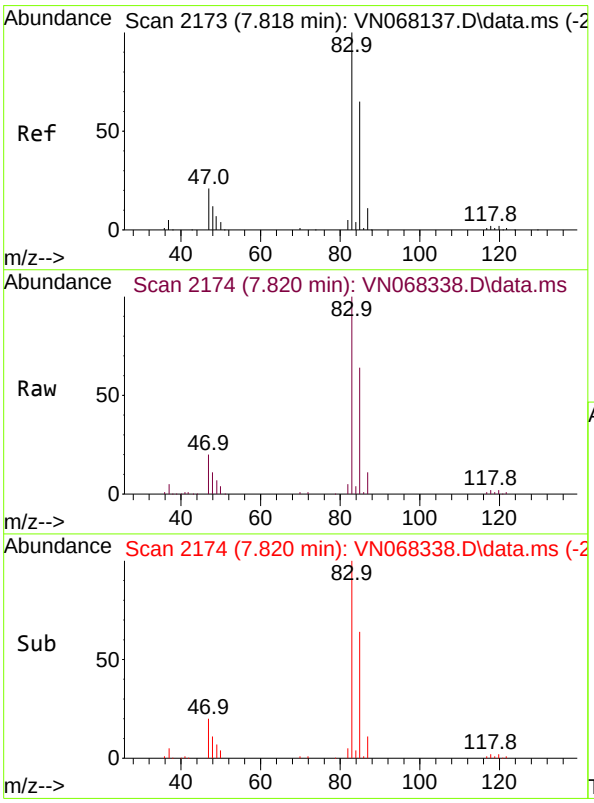


#29
Tetrahydrofuran
Concen: 106.706 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 42 Resp: 200422

Ion	Ratio	Lower	Upper
42	100		
72	54.8	32.8	49.2#
71	50.2	31.2	46.8#

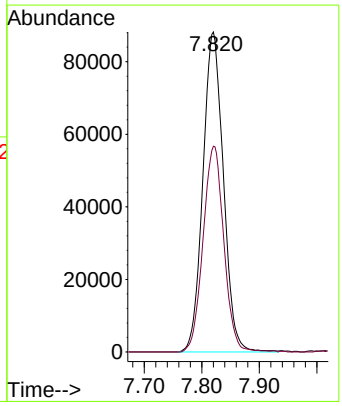




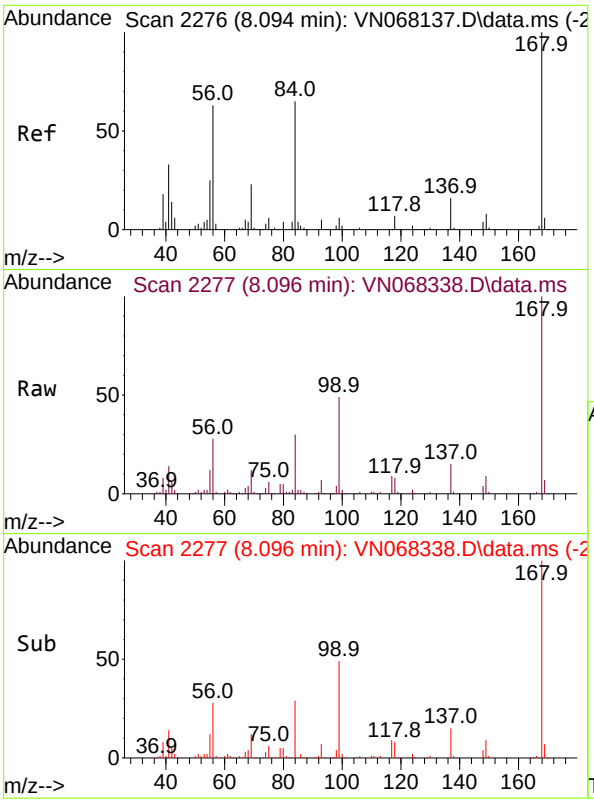
#30
Chloroform
Concen: 20.045 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 83 Resp: 218318

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3



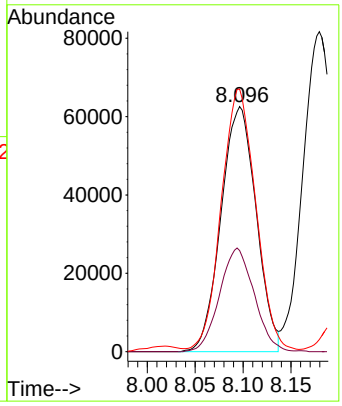
Instrument :
MSVOA_N
ClientSampleId :

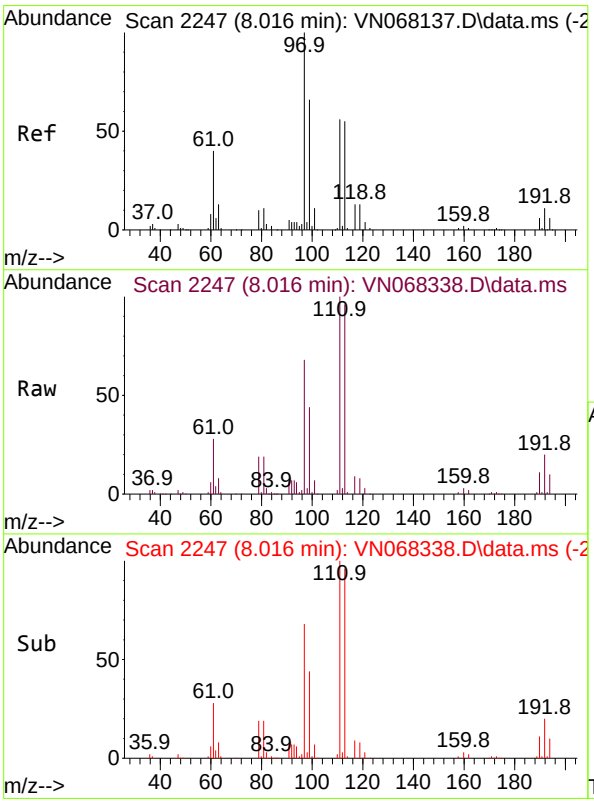


#31
Cyclohexane
Concen: 18.782 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 56 Resp: 159677

Ion	Ratio	Lower	Upper
56	100		
69	41.2	27.3	40.9#
84	105.7	64.9	97.3#

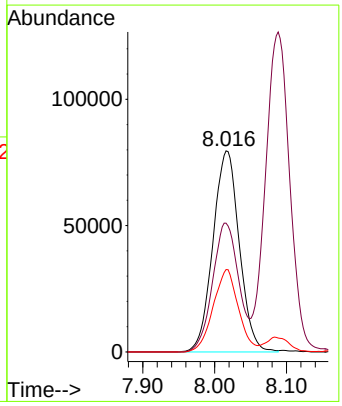


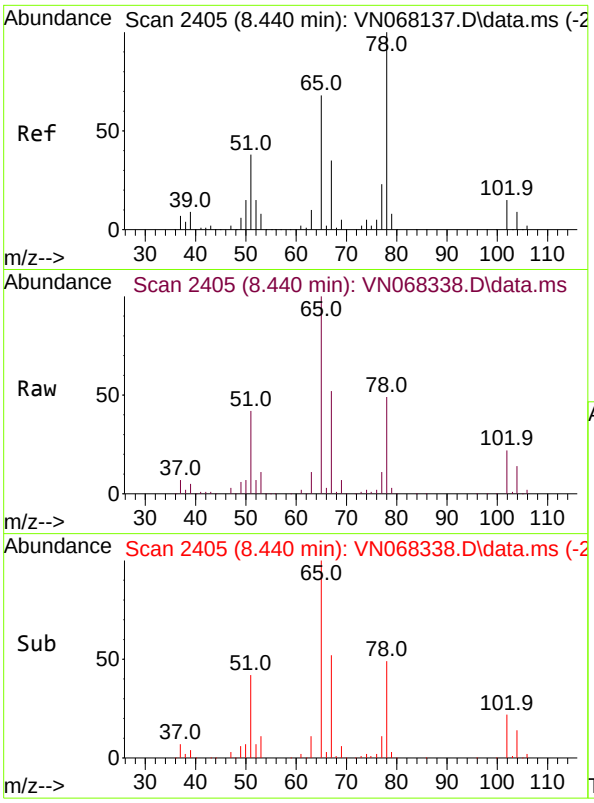


#32
1,1,1-Trichloroethane
Concen: 20.847 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 97 Resp: 202487

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.2	75.2
61	39.4	38.2	57.2

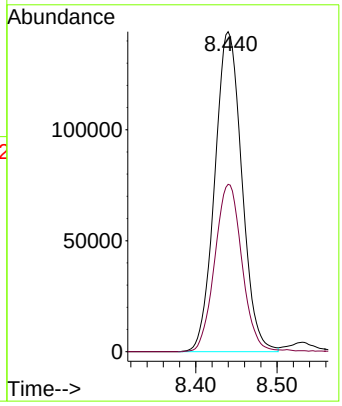




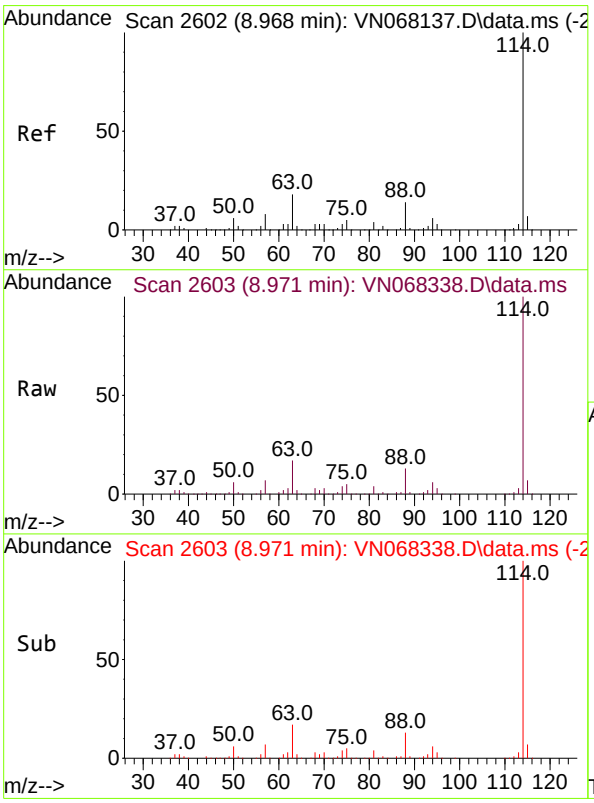
#33
1,2-Dichloroethane-d4
Concen: 51.787 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 65 Resp: 334268

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	98.6



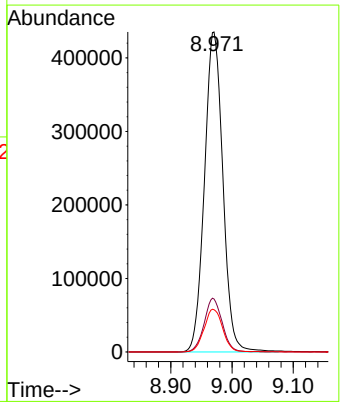
Instrument :
MSVOA_N
ClientSampleId :



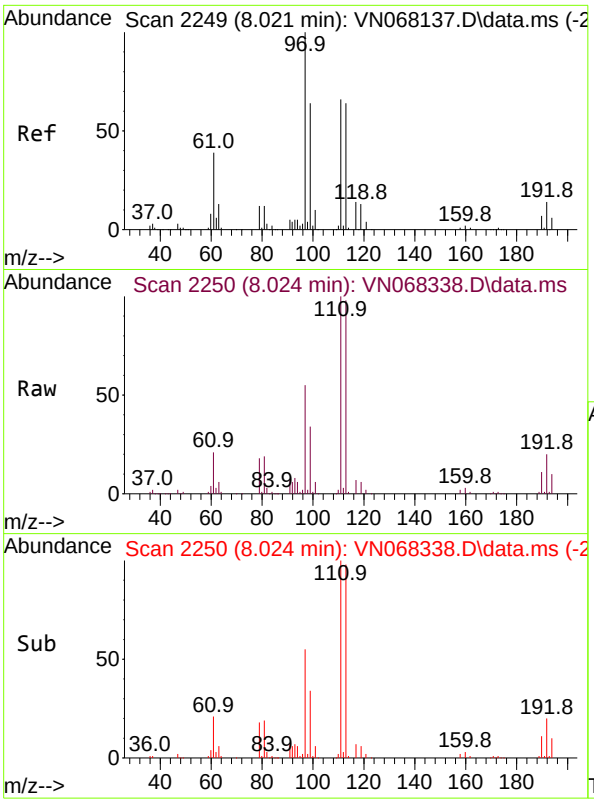
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:114 Resp: 908668

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	49.0
88	13.2	0.0	36.6



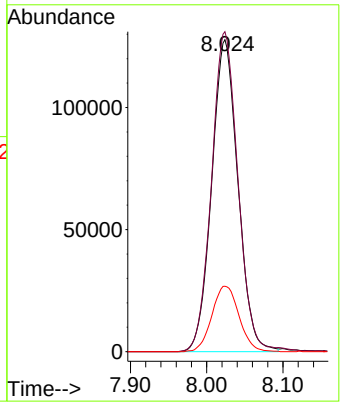
Instrument :
MSVOA_N
ClientSampleId :

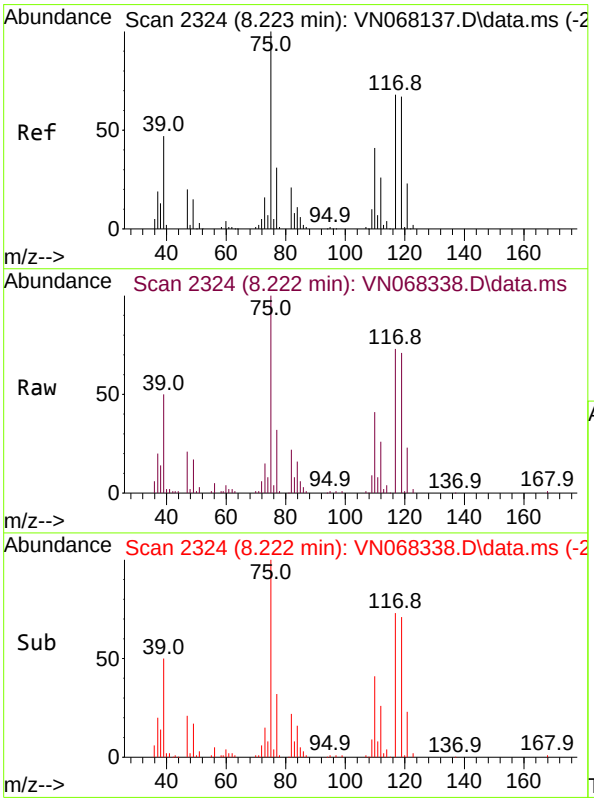


#35
Dibromofluoromethane
Concen: 53.549 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:113 Resp: 305492

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.8
192	21.8	13.4	20.0#

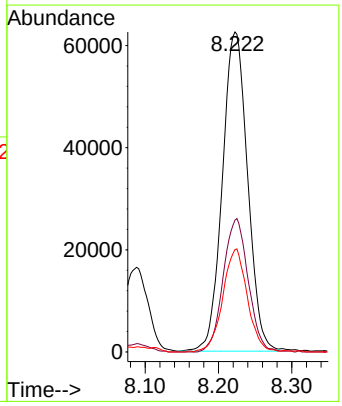




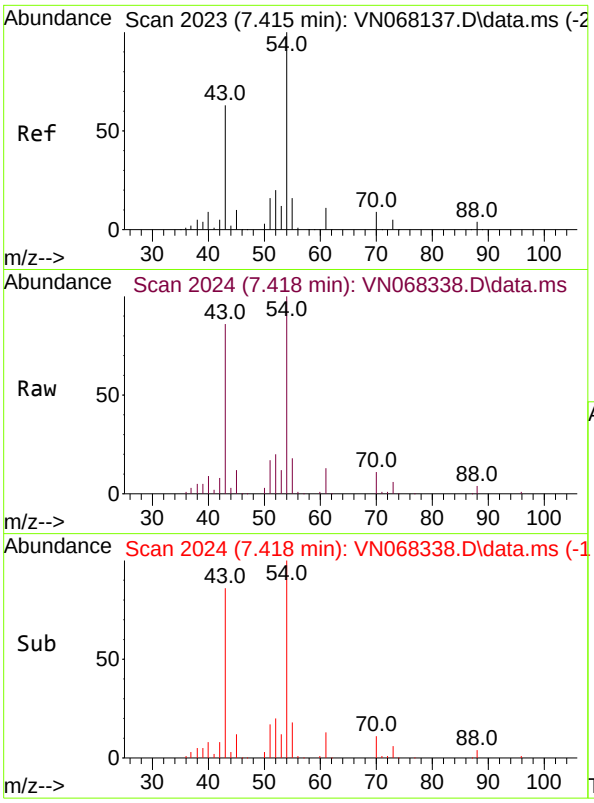
#36
1,1-Dichloropropene
Concen: 20.114 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 149411

Ion	Ratio	Lower	Upper
75	100		
110	41.4	15.7	47.0
77	31.5	24.6	37.0



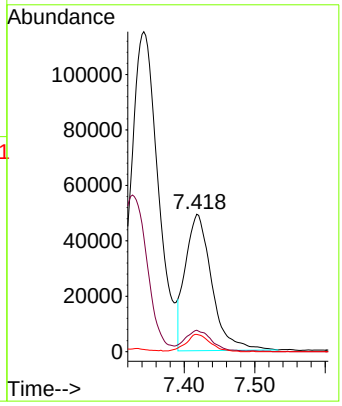
Instrument :
MSVOA_N
ClientSampleId :

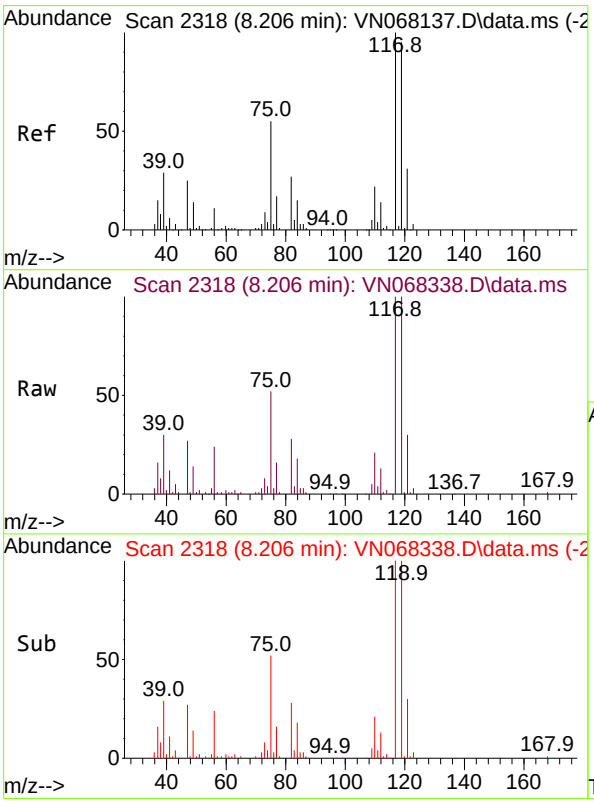


#37
Ethyl Acetate
Concen: 20.191 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 127773

Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.8	8.1	12.1

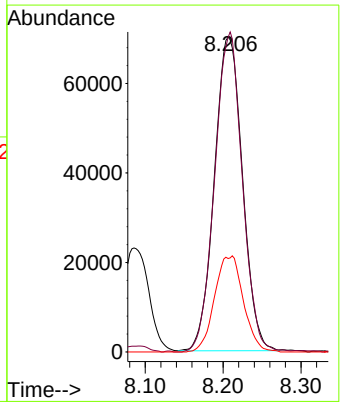




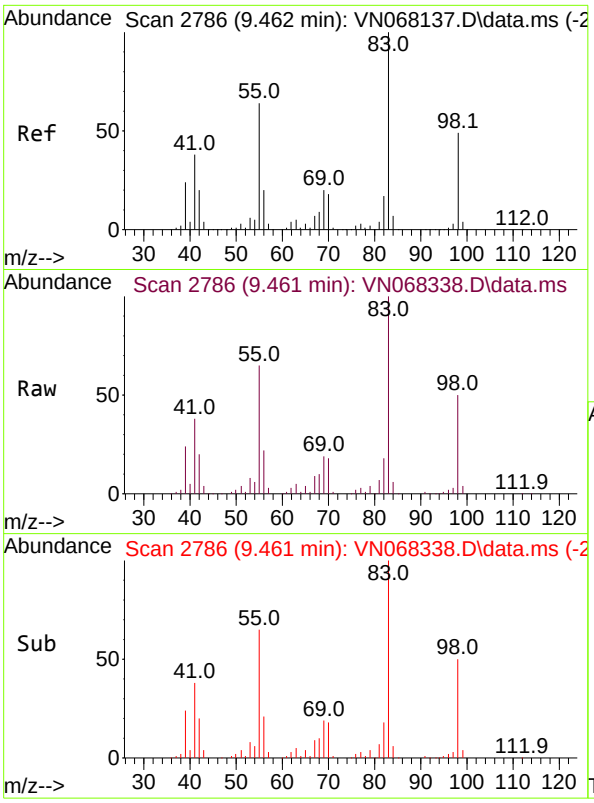
#38
Carbon Tetrachloride
Concen: 20.534 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:117 Resp: 175920

Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.4	113.2
121	29.8	23.5	35.3



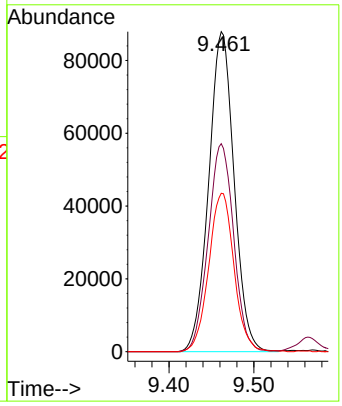
Instrument :
MSVOA_N
ClientSampleId :

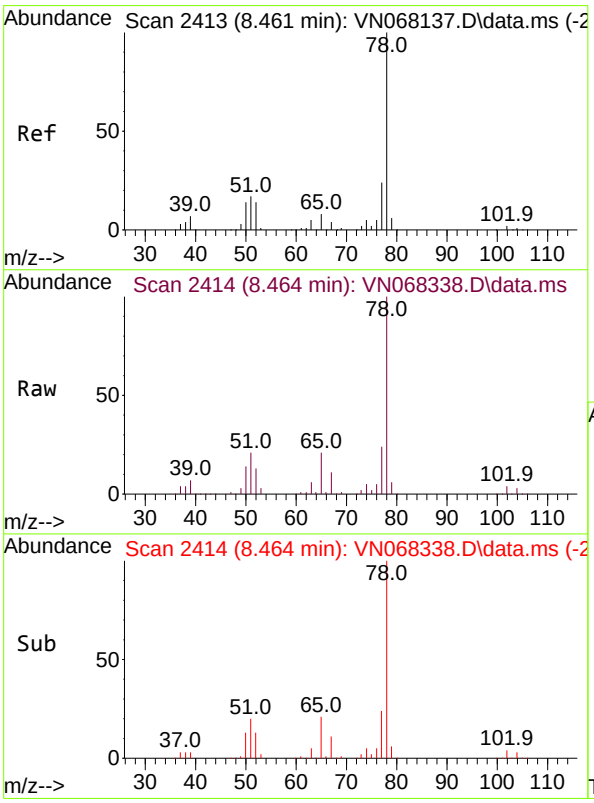


#39
Methylcyclohexane
Concen: 21.746 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 83 Resp: 182433

Ion	Ratio	Lower	Upper
83	100		
55	65.0	66.6	99.8#
98	49.5	35.3	52.9

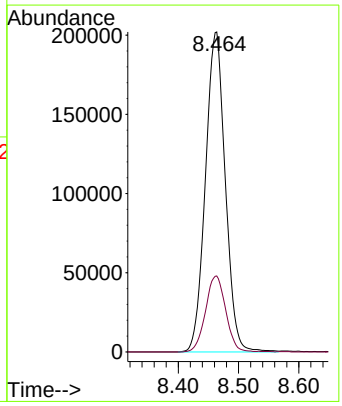




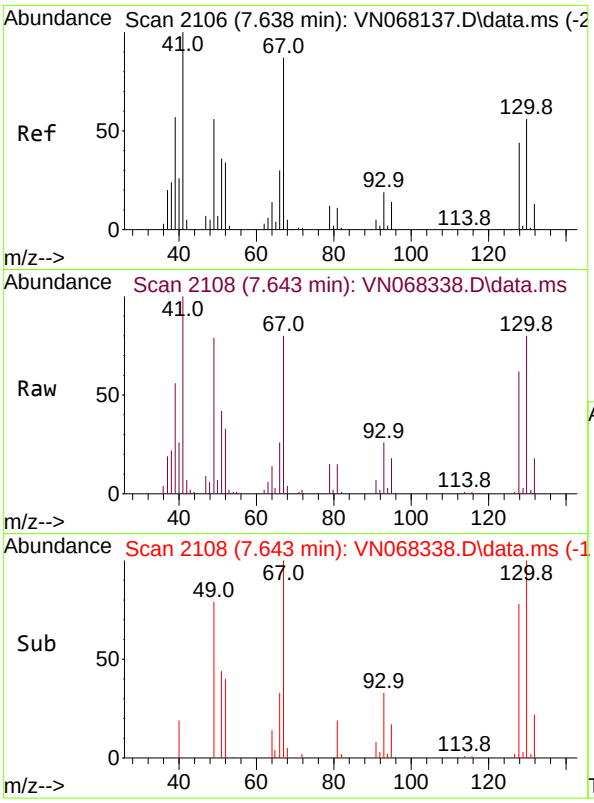
#40
Benzene
Concen: 20.394 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 78 Resp: 462354

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3



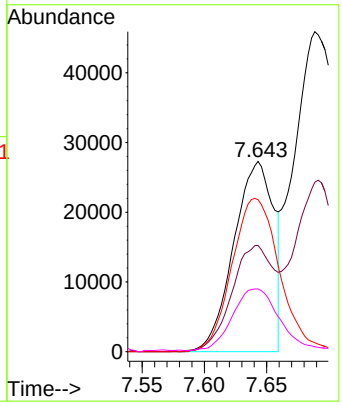
Instrument :
MSVOA_N
ClientSampleId :

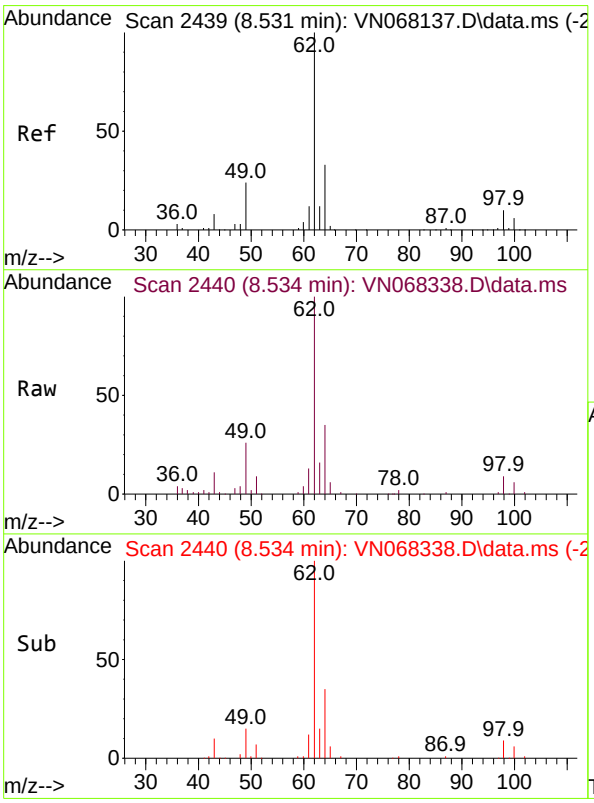


#41
Methacrylonitrile
Concen: 21.006 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.005 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 41 Resp: 60689

Ion	Ratio	Lower	Upper
41	100		
39	58.5	47.6	71.4
67	96.7	57.7	86.5#
52	38.2	26.2	39.4

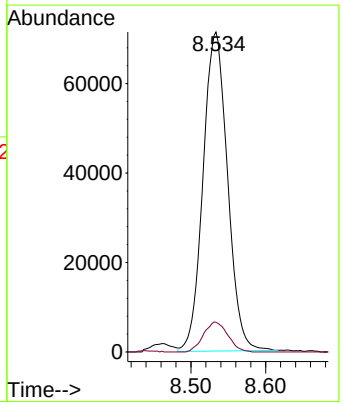


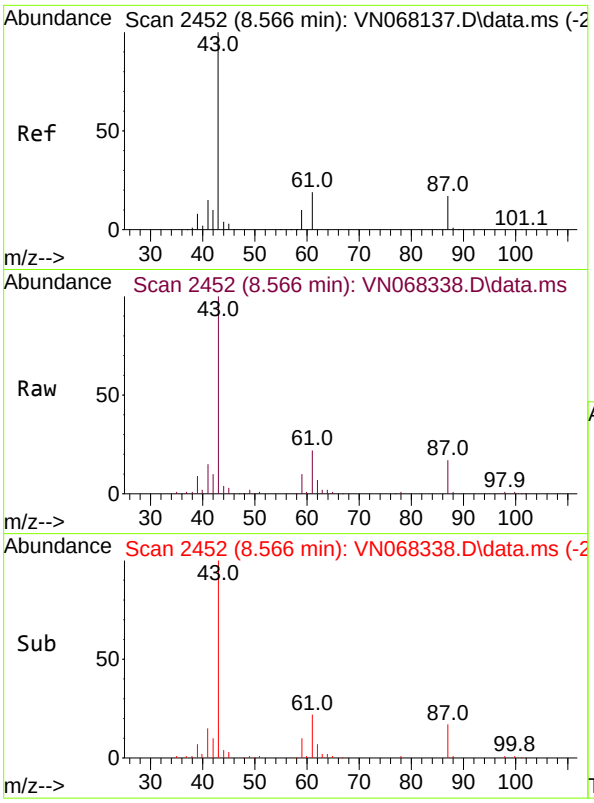


#42
1,2-Dichloroethane
Concen: 21.031 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 62 Resp: 162415

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	14.2

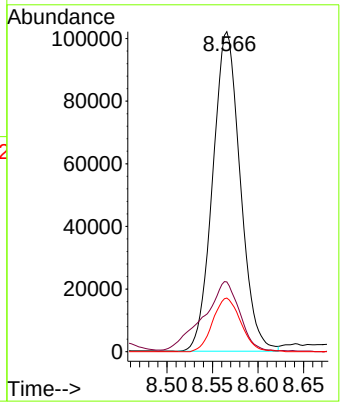




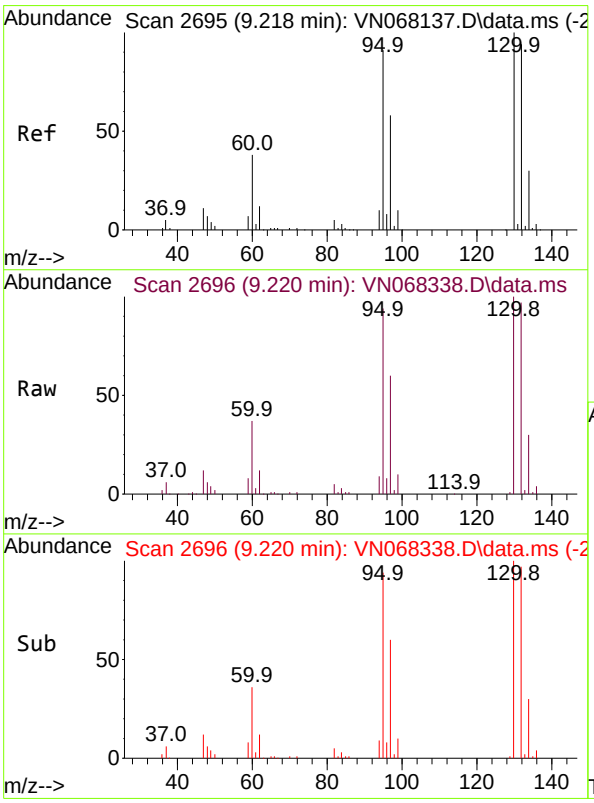
#43
Isopropyl Acetate
Concen: 21.190 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 214793

Ion	Ratio	Lower	Upper
43	100		
61	28.5	19.0	28.4#
87	17.0	9.5	14.3#



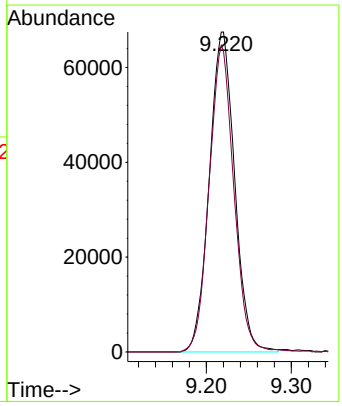
Instrument :
MSVOA_N
ClientSampleId :

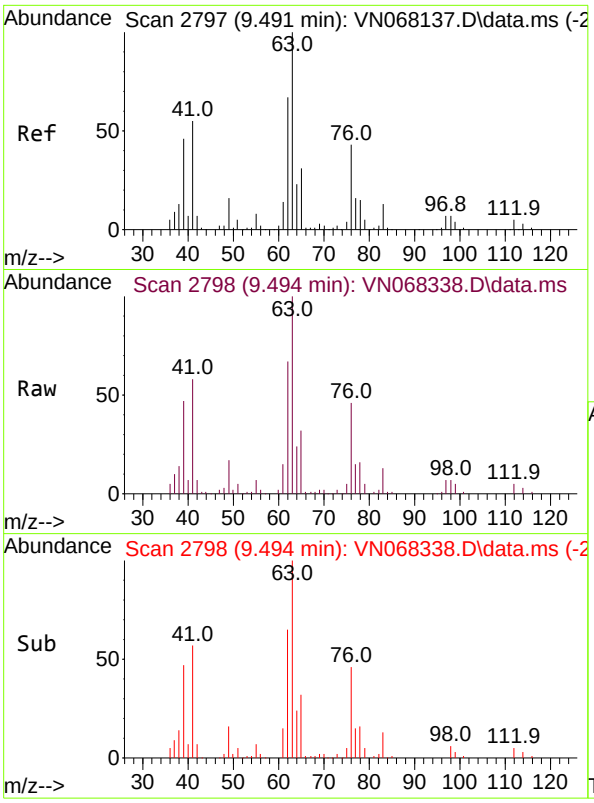


#44
Trichloroethene
Concen: 20.487 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:130 Resp: 139675

Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	234.4

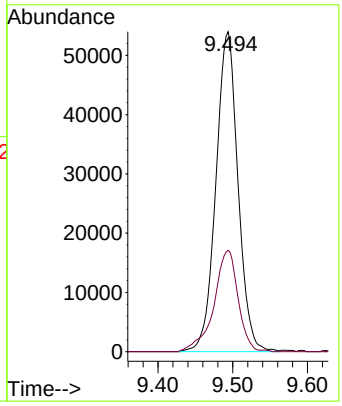




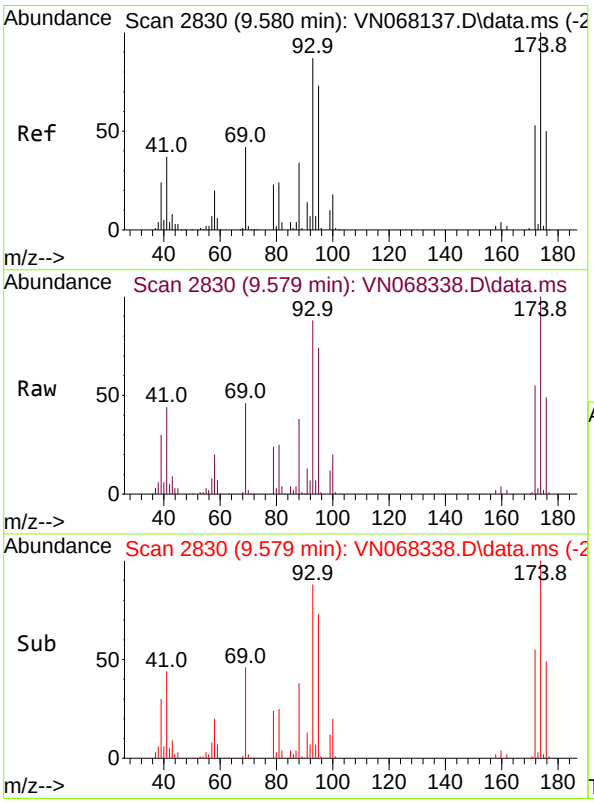
#45
1,2-Dichloropropane
Concen: 20.788 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 63 Resp: 110856

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.3	36.5



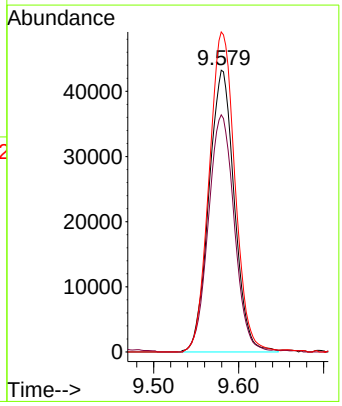
Instrument :
MSVOA_N
ClientSampleId :

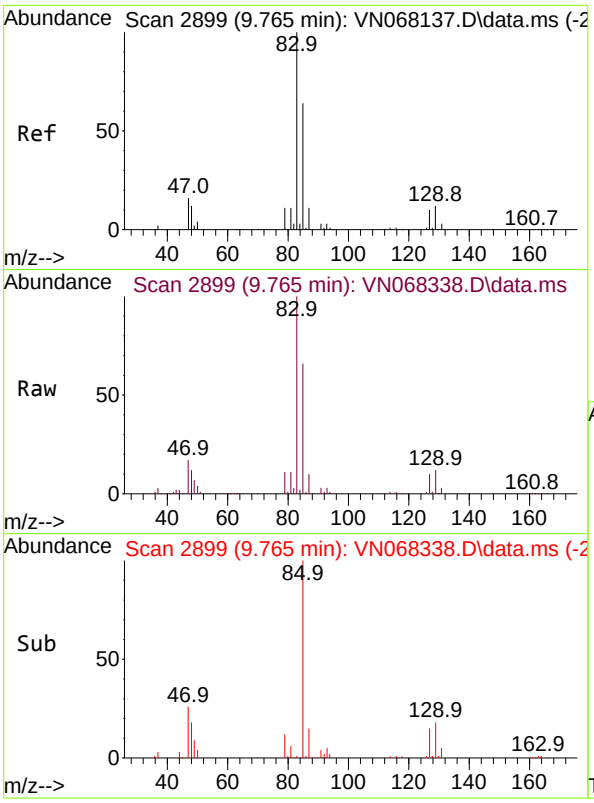


#46
Dibromomethane
Concen: 20.687 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 93 Resp: 89990

Ion	Ratio	Lower	Upper
93	100		
95	85.5	66.1	99.1
174	115.1	61.0	91.4#

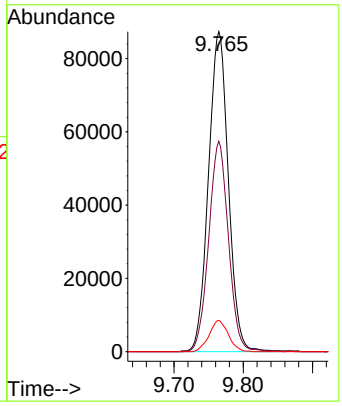




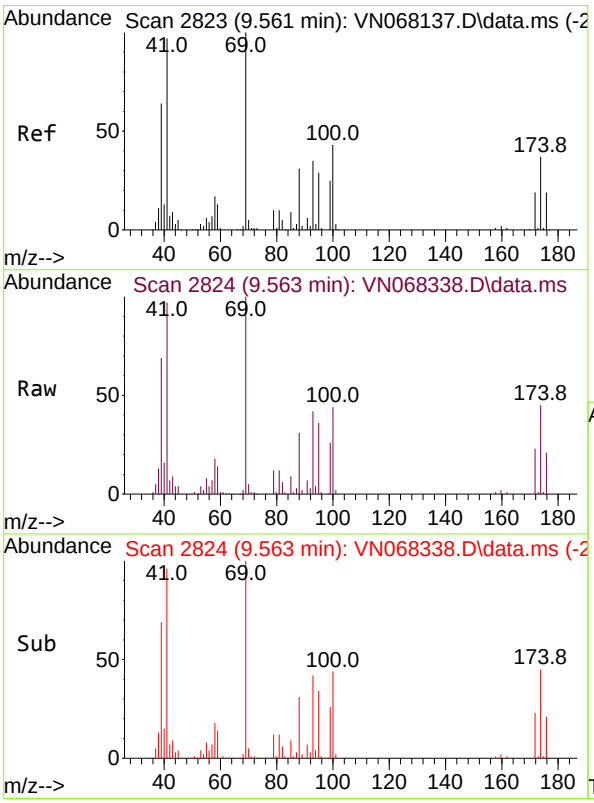
#47
Bromodichloromethane
Concen: 21.561 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 83 Resp: 174293

Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.9	74.9
127	9.8	6.1	9.1#



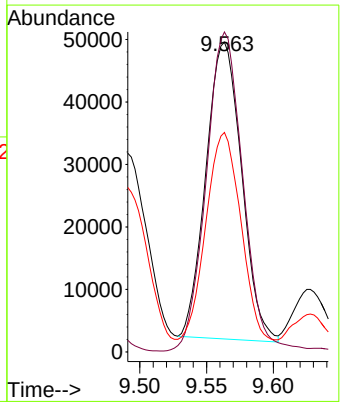
Instrument :
MSVOA_N
ClientSampleId :



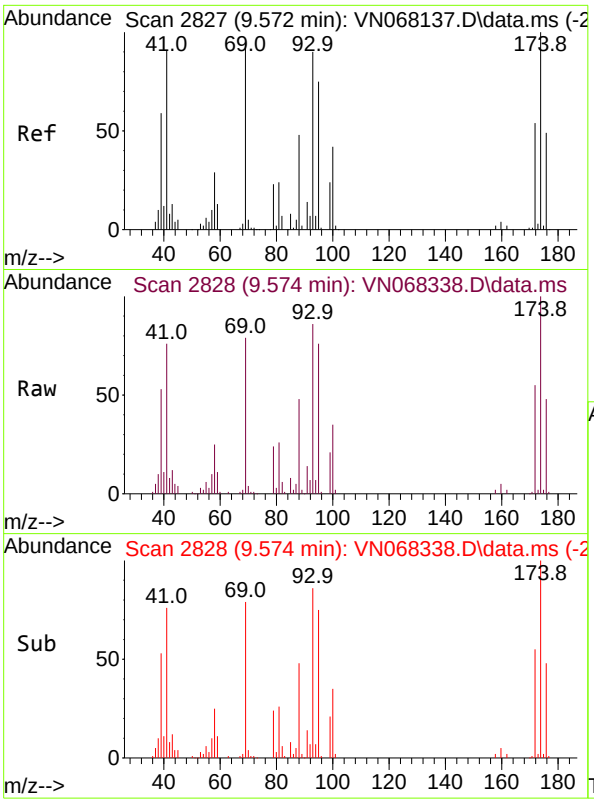
#48
Methyl methacrylate
Concen: 20.896 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 41 Resp: 88270

Ion	Ratio	Lower	Upper
41	100		
69	110.6	64.6	96.8#
39	69.2	53.3	79.9



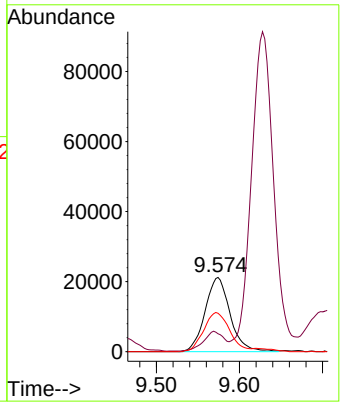
Instrument :
MSVOA_N
ClientSampleId :

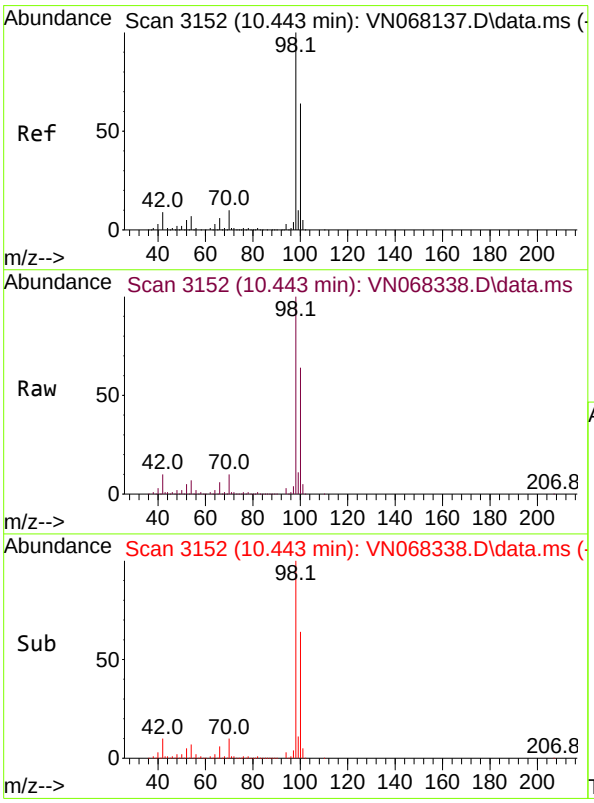


#49
1,4-Dioxane
Concen: 435.292 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 88 Resp: 44444

Ion	Ratio	Lower	Upper
88	100		
43	21.8	28.8	43.2#
58	54.5	60.4	90.6#

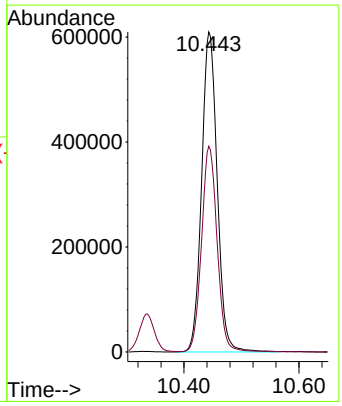




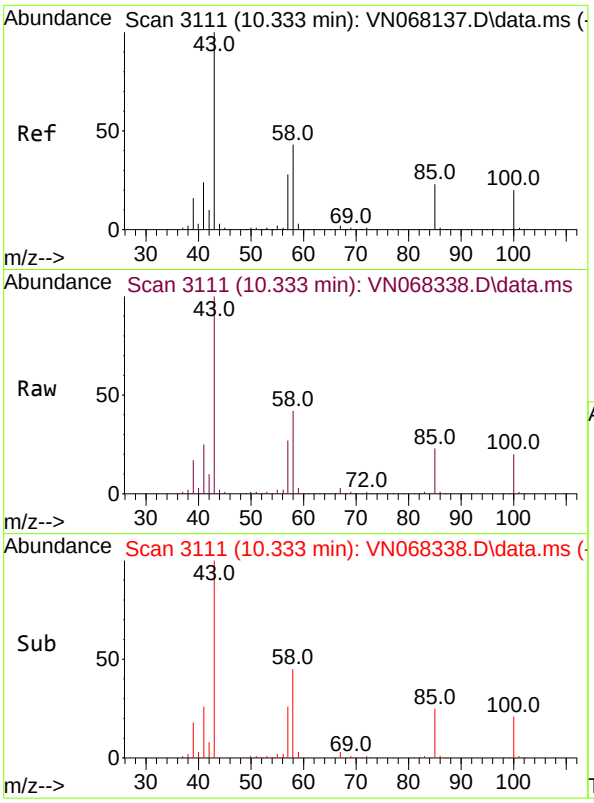
#50
Toluene-d8
Concen: 52.739 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 98 Resp: 1146409

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5



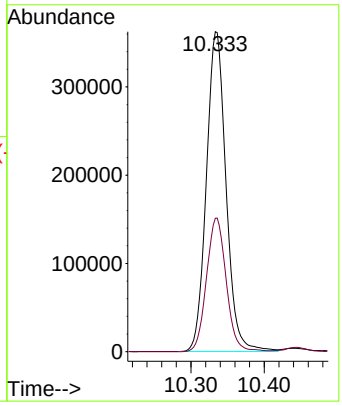
Instrument :
MSVOA_N
ClientSampleId :

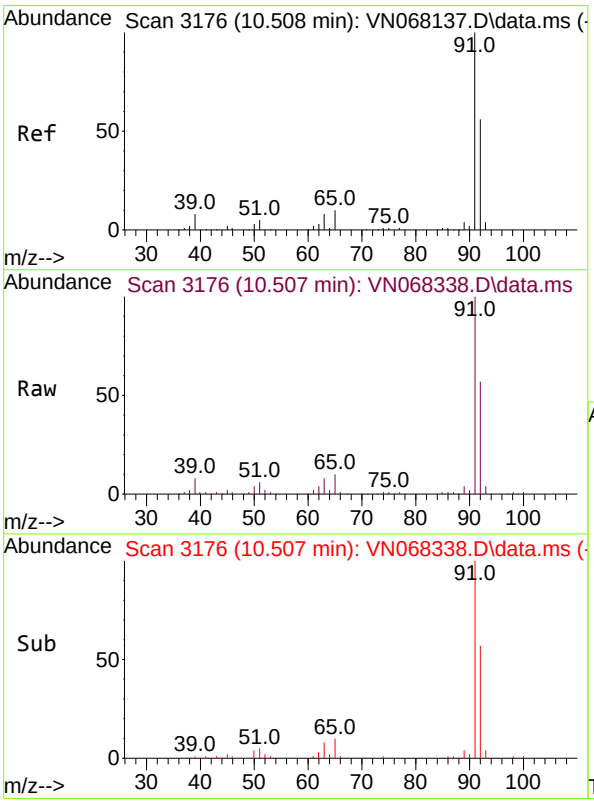


#51
4-Methyl-2-Pentanone
Concen: 108.505 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 675621

Ion	Ratio	Lower	Upper
43	100		
58	41.9	28.6	43.0

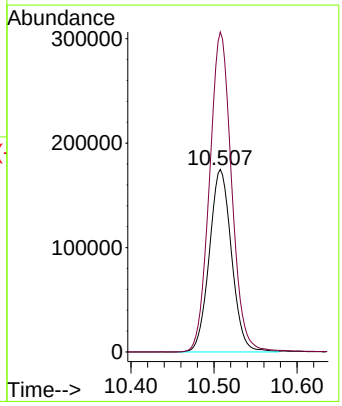




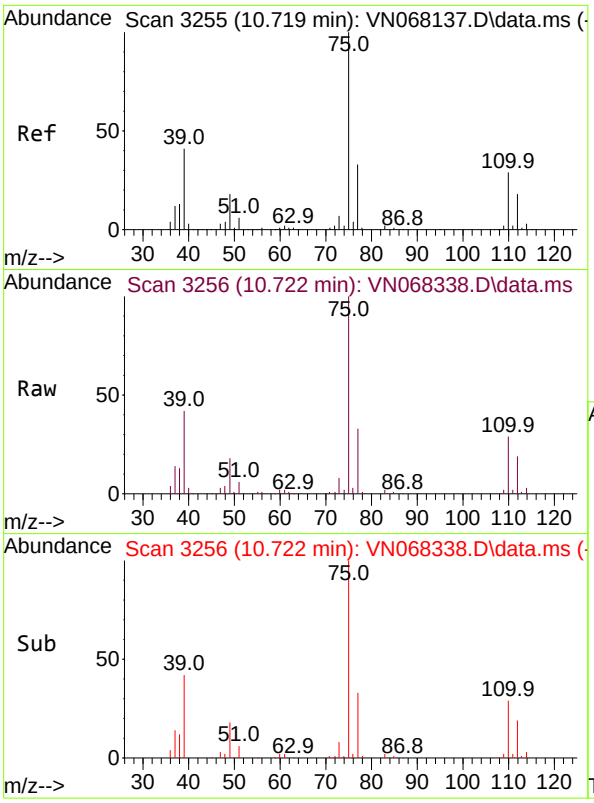
#52
Toluene
Concen: 21.007 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 92 Resp: 324684

Ion	Ratio	Lower	Upper
92	100		
91	175.3	139.6	209.4



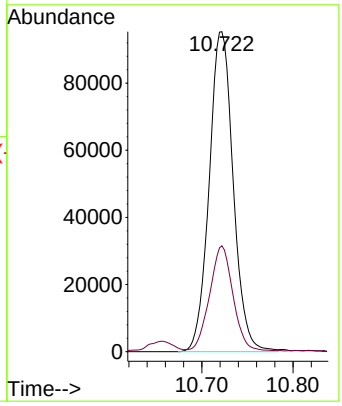
Instrument :
MSVOA_N
ClientSampleId :

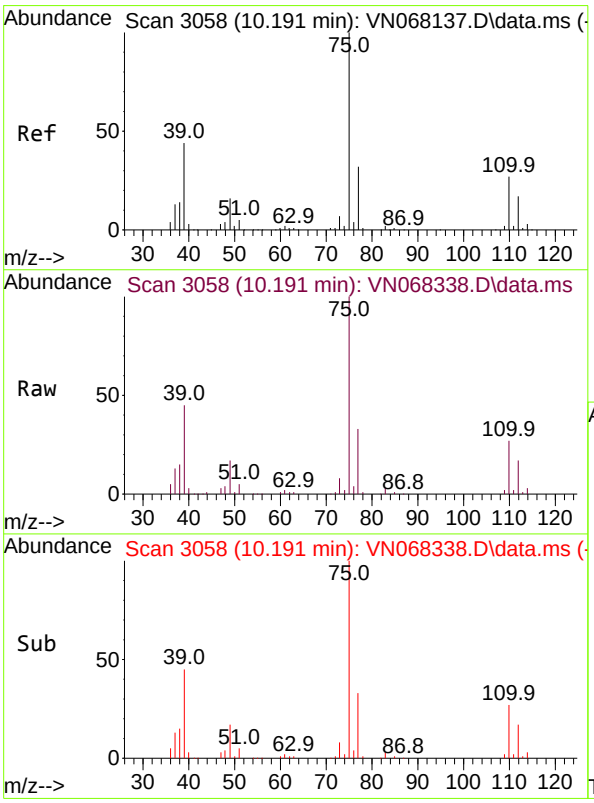


#53
t-1,3-Dichloropropene
Concen: 21.973 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 174460

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.1	37.7

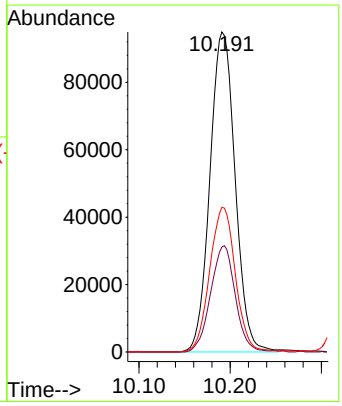


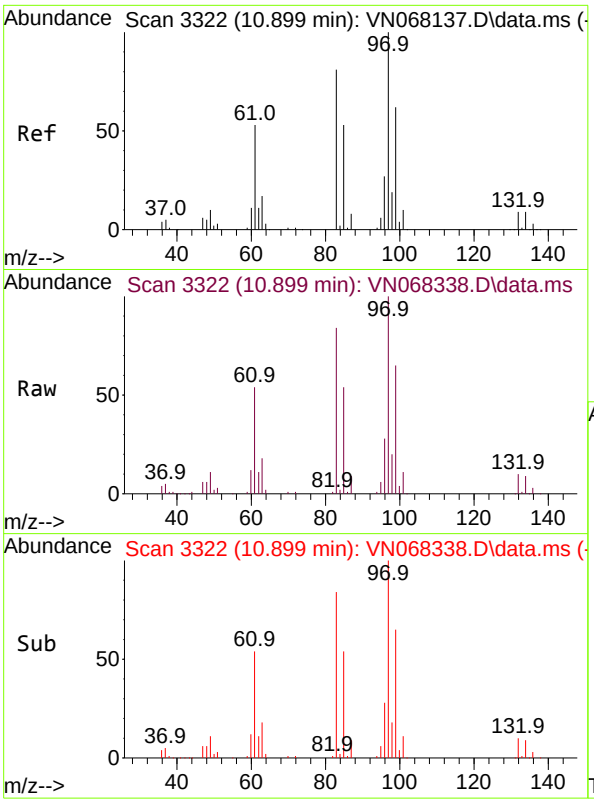


#54
cis-1,3-Dichloropropene
Concen: 21.198 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 182356

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	37.0
39	45.2	50.7	76.1#

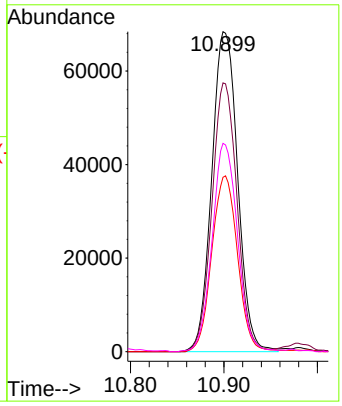




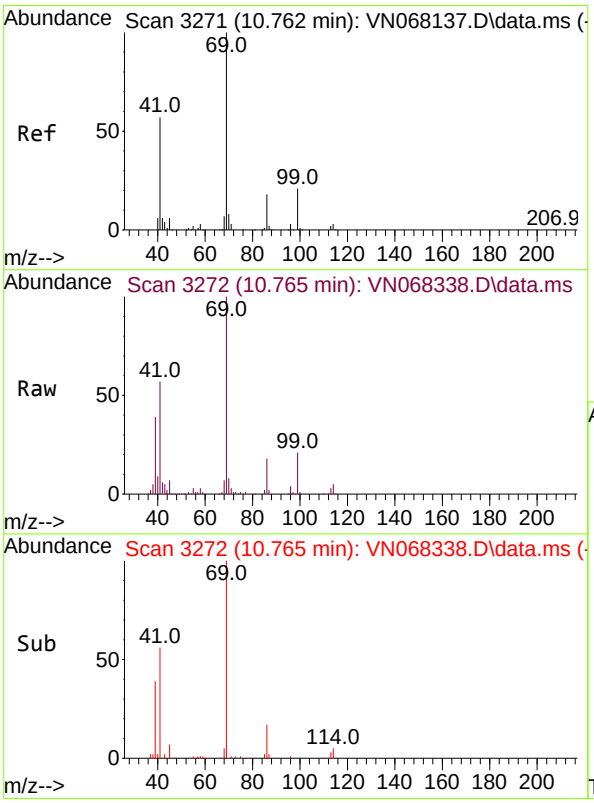
#55
1,1,2-Trichloroethane
Concen: 21.353 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 97 Resp: 131886

Ion	Ratio	Lower	Upper
97	100		
83	84.0	72.0	108.0
85	54.5	46.8	70.2
99	65.1	49.8	74.6



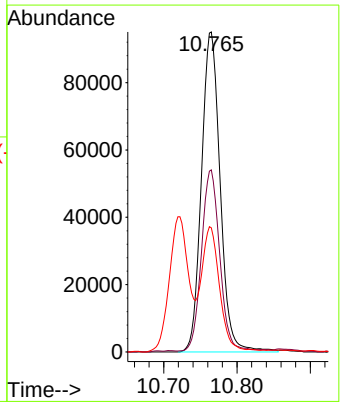
Instrument :
MSVOA_N
ClientSampleId :



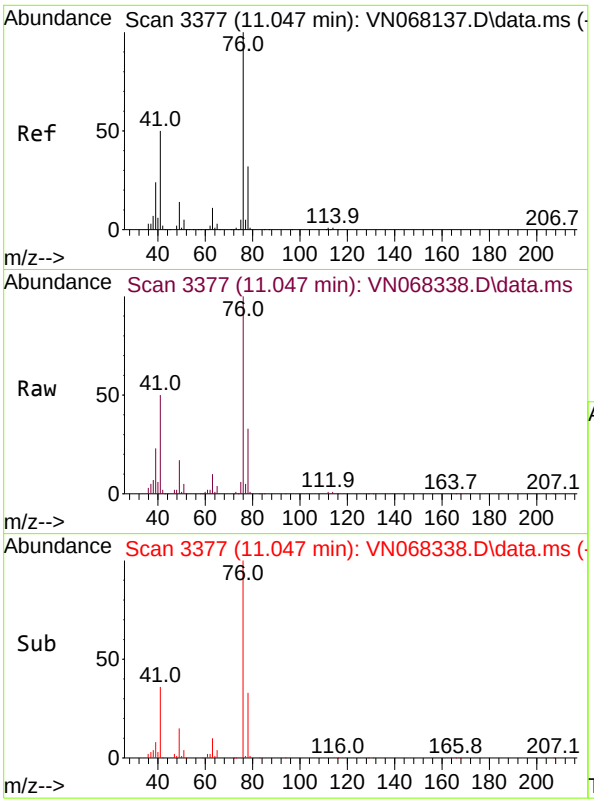
#56
Ethyl methacrylate
Concen: 21.283 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 69 Resp: 168810

Ion	Ratio	Lower	Upper
69	100		
41	54.9	58.6	88.0#
39	36.5	38.3	57.5#



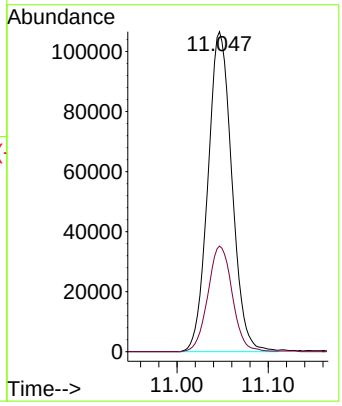
Instrument :
MSVOA_N
ClientSampleId :

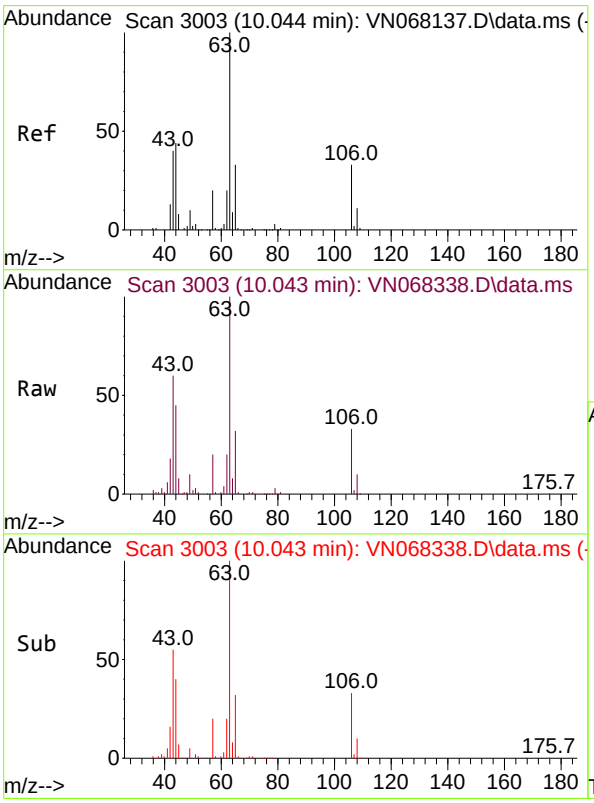


#57
1,3-Dichloropropane
Concen: 20.476 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 76 Resp: 194788

Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.7	38.5

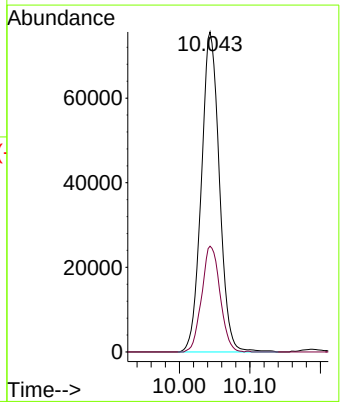




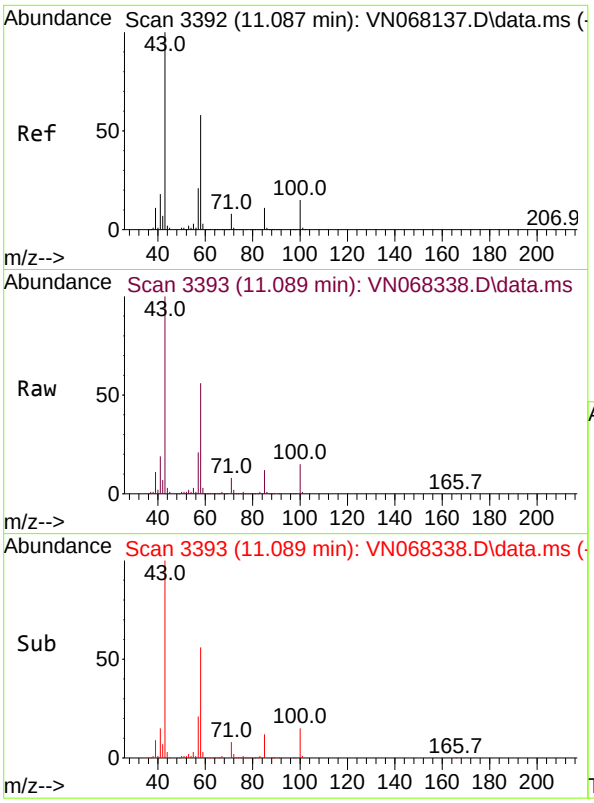
#58
2-Chloroethyl Vinyl ether
Concen: 92.026 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 63 Resp: 134683

Ion	Ratio	Lower	Upper
63	100		
106	33.5	19.8	29.8#



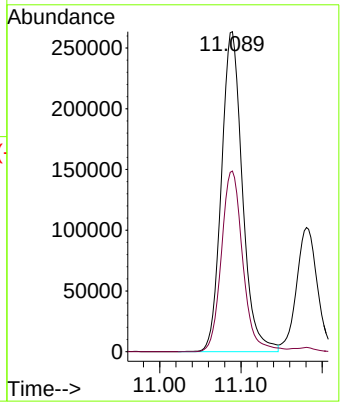
Instrument :
MSVOA_N
ClientSampleId :

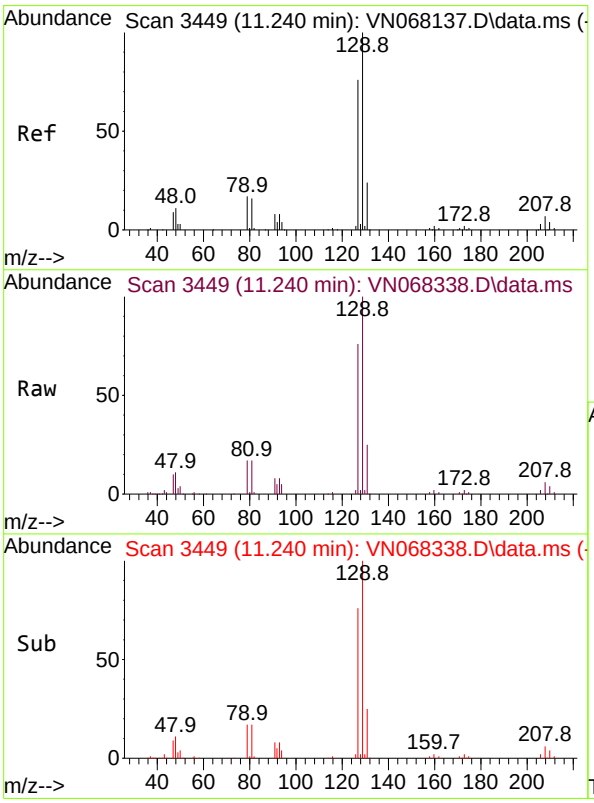


#59
2-Hexanone
Concen: 109.338 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 472729

Ion	Ratio	Lower	Upper
43	100		
58	57.6	24.7	74.1

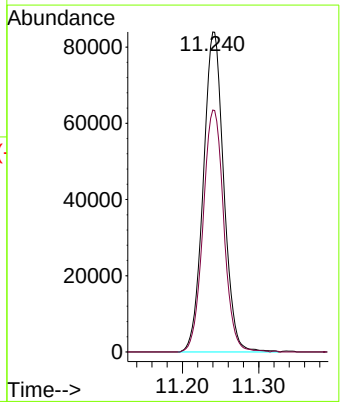


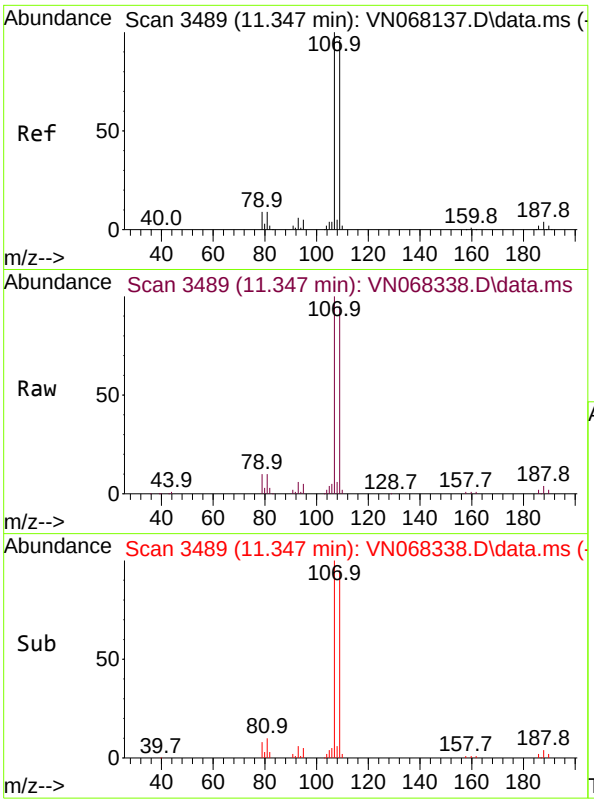


#60
Dibromochloromethane
Concen: 22.395 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:129 Resp: 156047

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.6	115.8

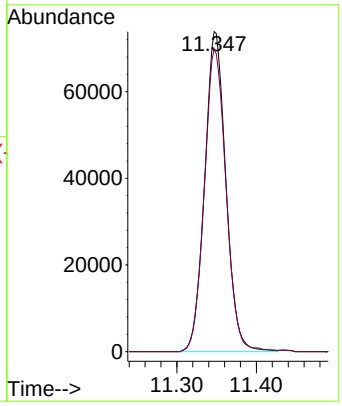




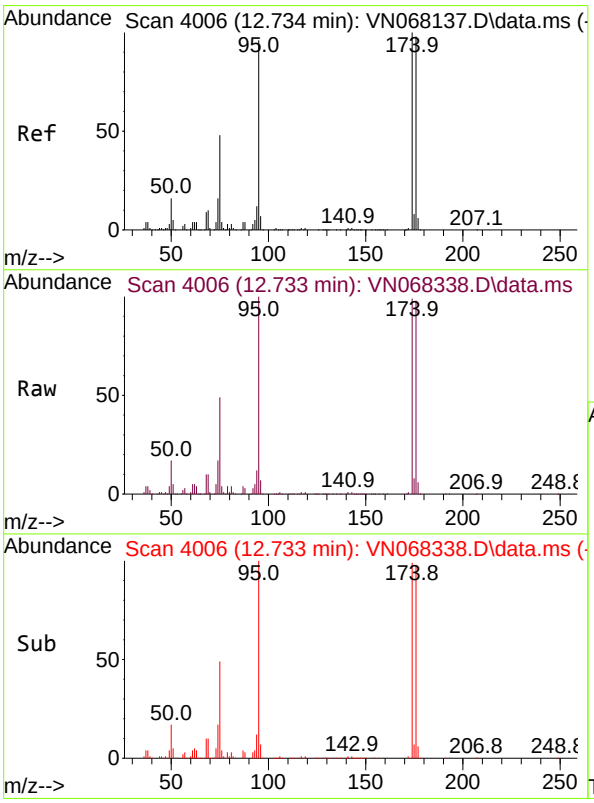
#61
1,2-Dibromoethane
Concen: 21.414 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:107 Resp: 137168

Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.0	112.4



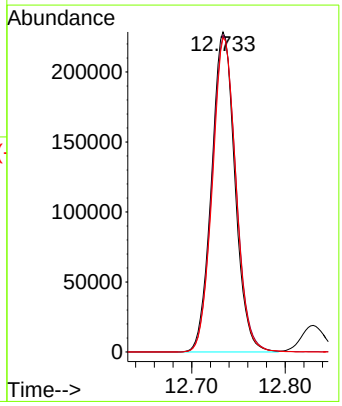
Instrument :
MSVOA_N
ClientSampleId :



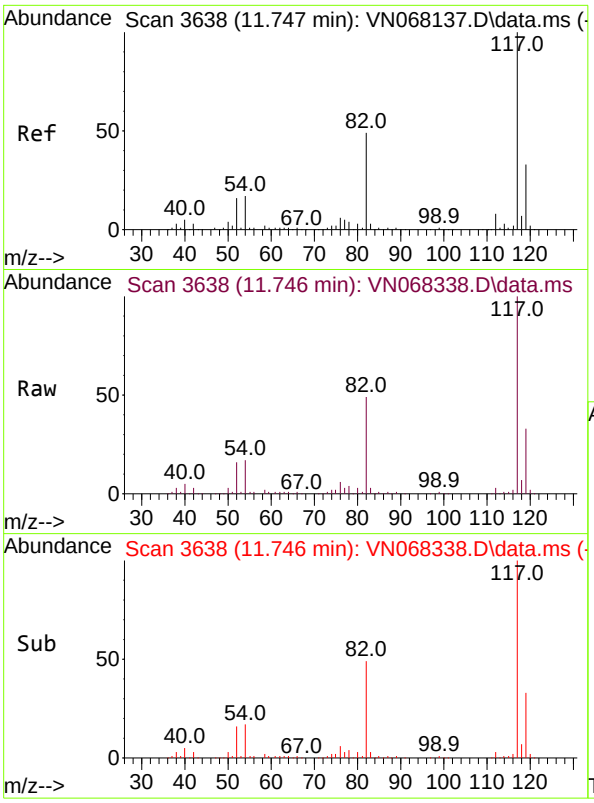
#62
4-Bromofluorobenzene
Concen: 55.113 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 95 Resp: 398818

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	122.0
176	98.2	0.0	117.6



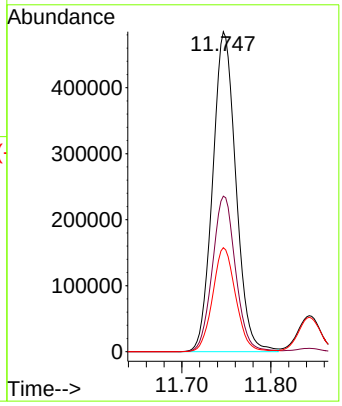
Instrument :
MSVOA_N
ClientSampleId :

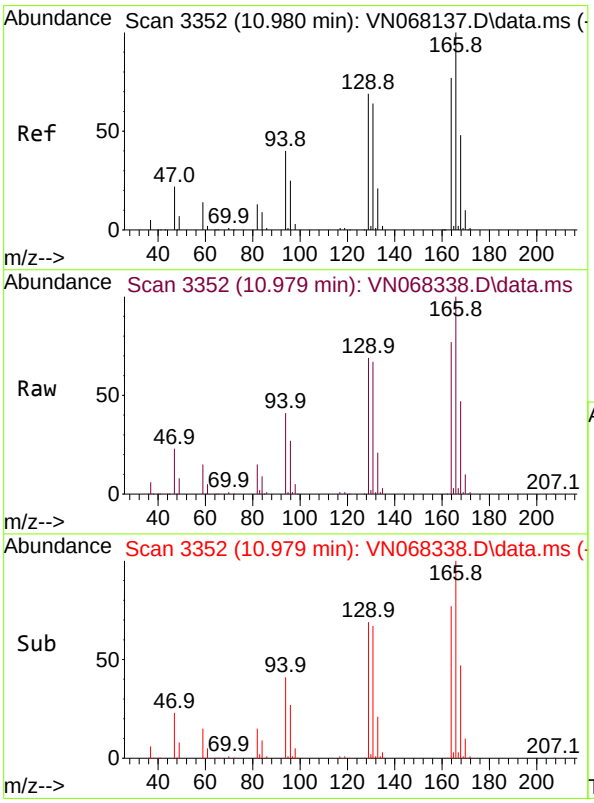


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:117 Resp: 879414

Ion	Ratio	Lower	Upper
117	100		
82	48.6	53.1	79.7#
119	32.5	25.5	38.3

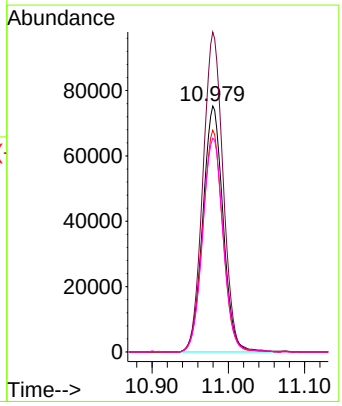




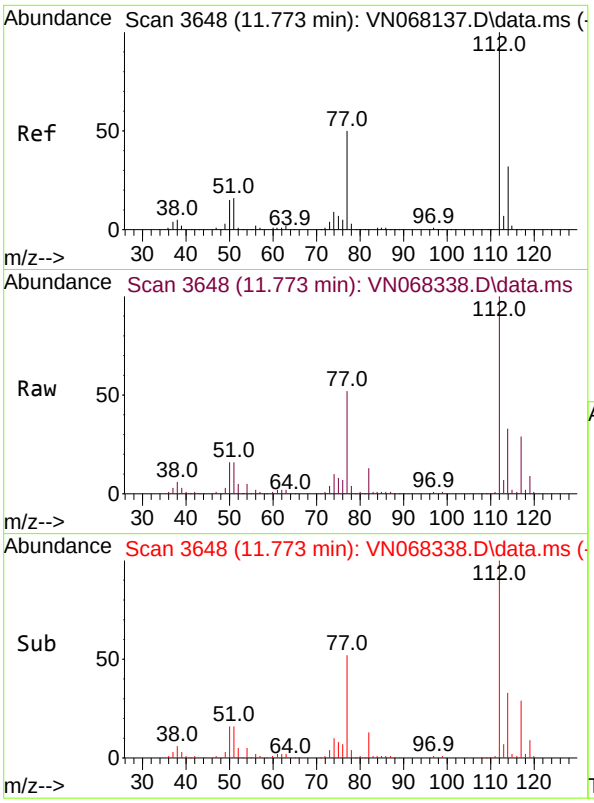
#64
Tetrachloroethene
Concen: 20.399 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:164 Resp: 138714

Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.1	153.1
129	90.2	86.9	130.3
131	86.9	83.6	125.4



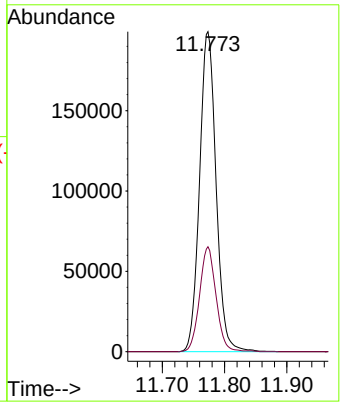
Instrument :
MSVOA_N
ClientSampleId :

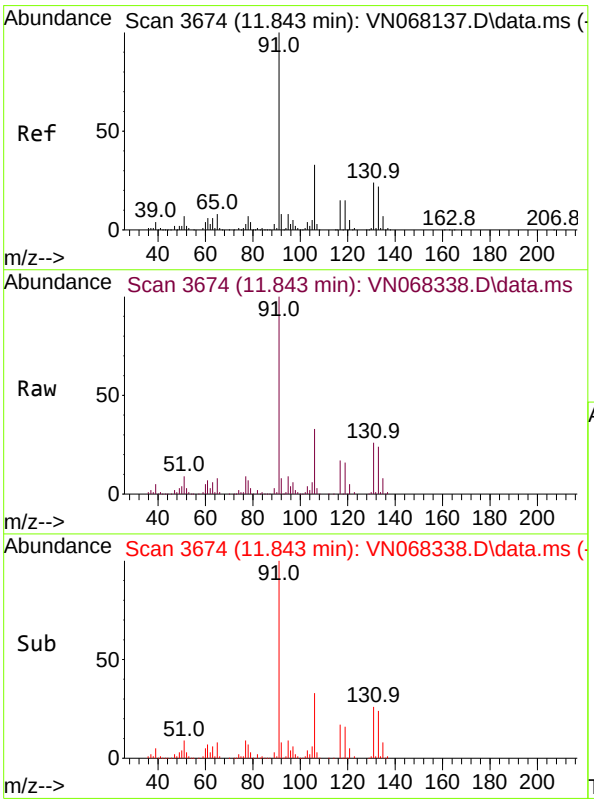


#65
Chlorobenzene
Concen: 20.345 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:112 Resp: 366337

Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.6	37.0

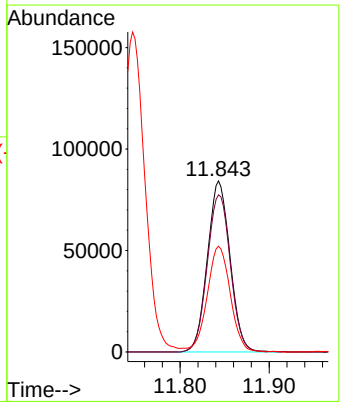




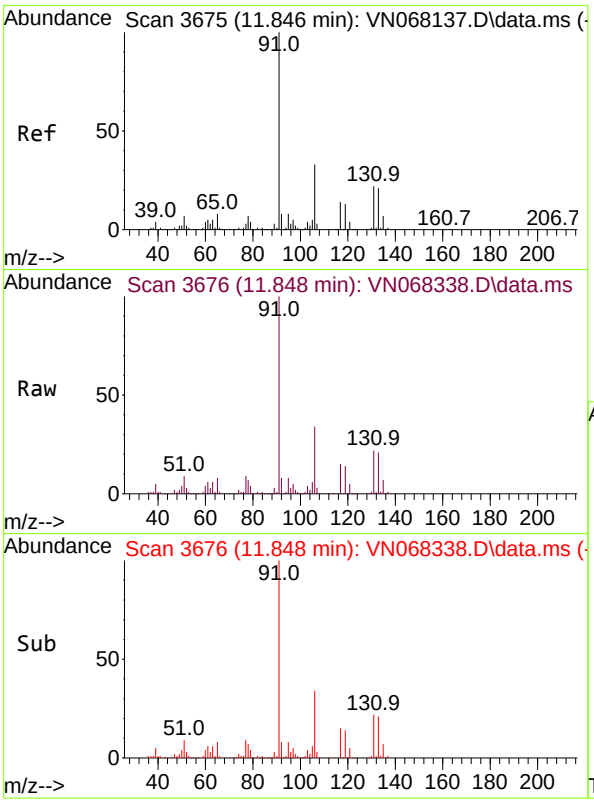
#66
1,1,1,2-Tetrachloroethane
Concen: 21.925 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:131 Resp: 148916

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.5	142.5
119	63.0	33.1	99.3



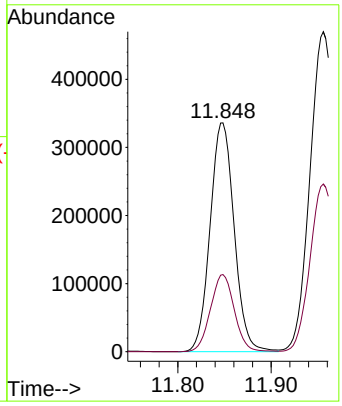
Instrument :
MSVOA_N
ClientSampleId :

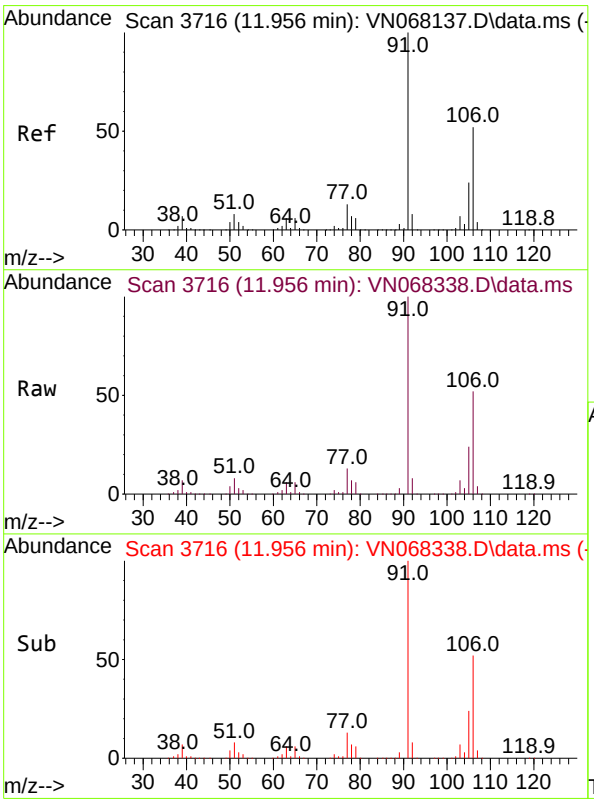


#67
Ethyl Benzene
Concen: 20.258 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 91 Resp: 601686

Ion	Ratio	Lower	Upper
91	100		
106	33.7	23.4	35.0

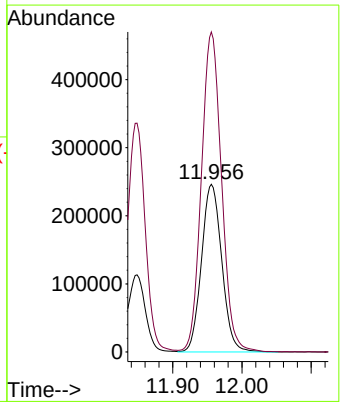




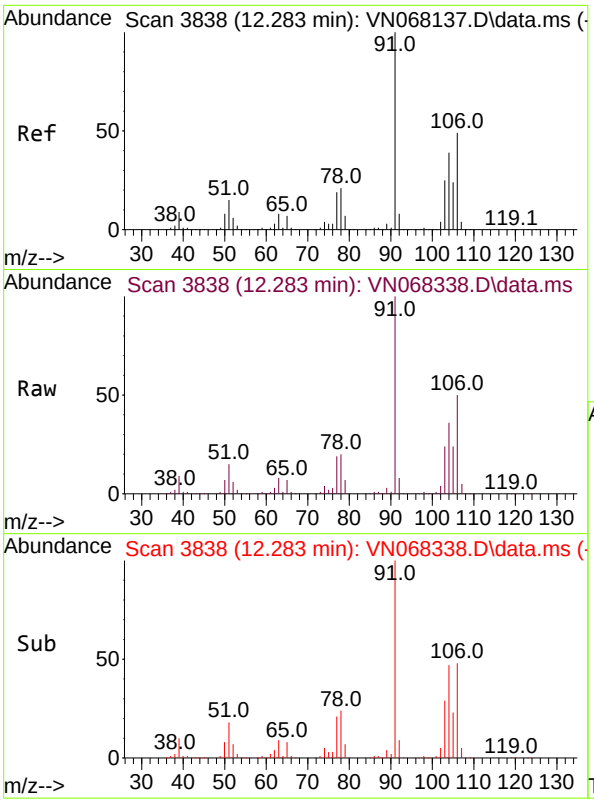
#68
m/p-Xylenes
Concen: 42.239 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:106 Resp: 501848

Ion	Ratio	Lower	Upper
106	100		
91	189.1	180.6	270.8



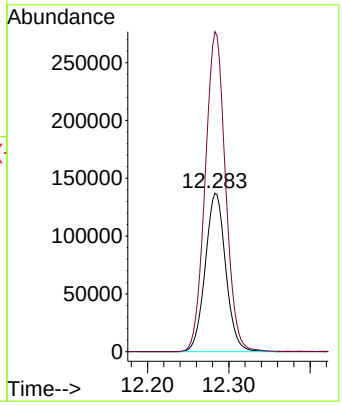
Instrument :
MSVOA_N
ClientSampleId :

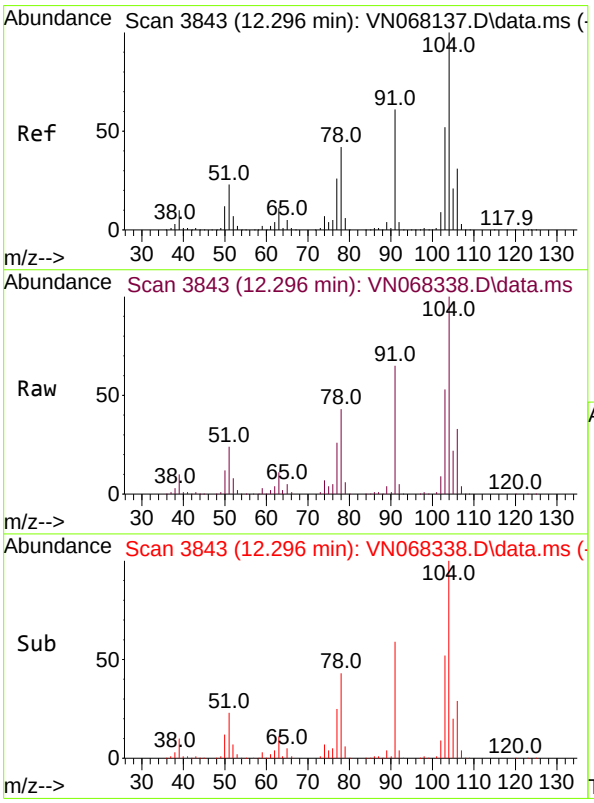


#69
o-Xylene
Concen: 20.890 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:106 Resp: 239815

Ion	Ratio	Lower	Upper
106	100		
91	200.9	118.3	354.9

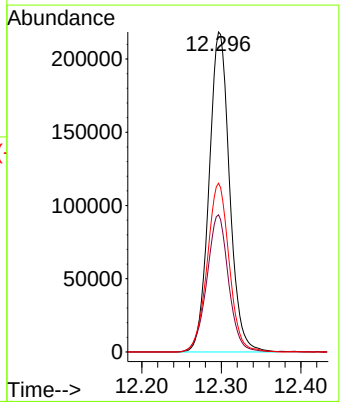




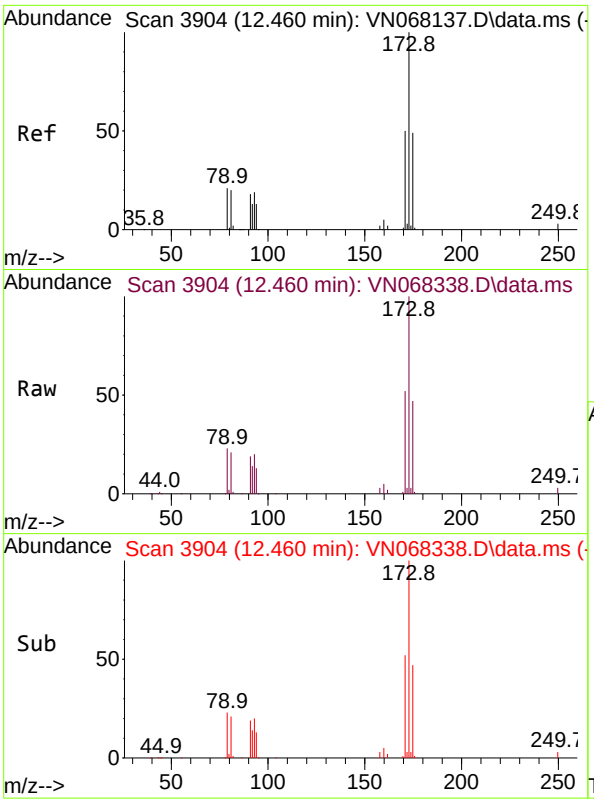
#70
Styrene
Concen: 21.337 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:104 Resp: 392066

Ion	Ratio	Lower	Upper
104	100		
78	45.3	48.2	72.2#
103	56.5	44.5	66.7



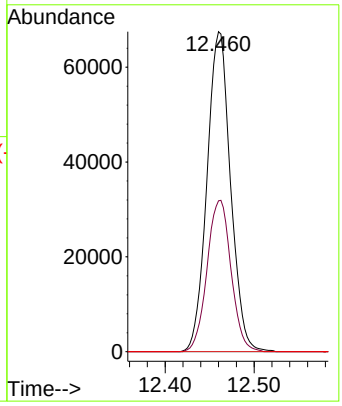
Instrument :
MSVOA_N
ClientSampleId :

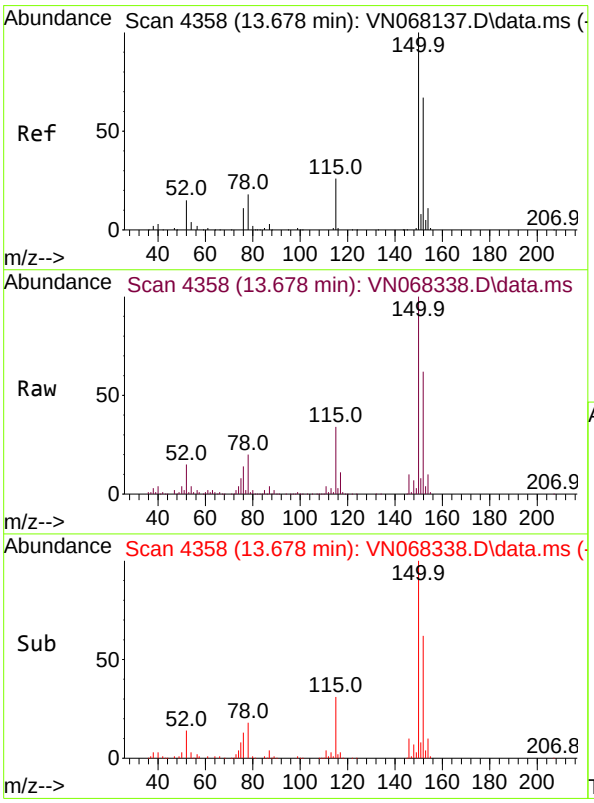


#71
Bromoform
Concen: 22.768 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:173 Resp: 124016

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.8
254	0.0	0.0	0.0

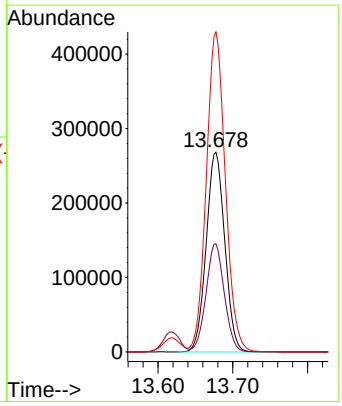




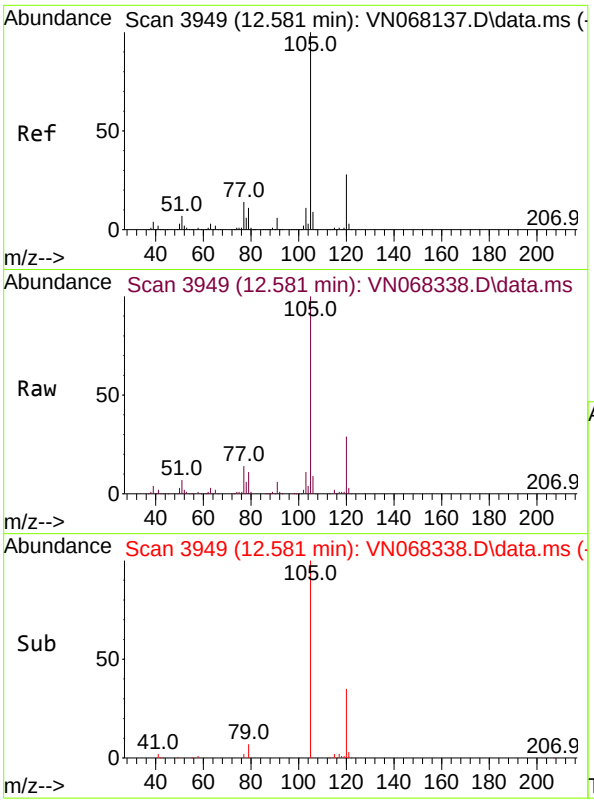
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:152 Resp: 463542

Ion	Ratio	Lower	Upper
152	100		
115	53.2	36.1	108.5
150	164.4	0.0	351.8



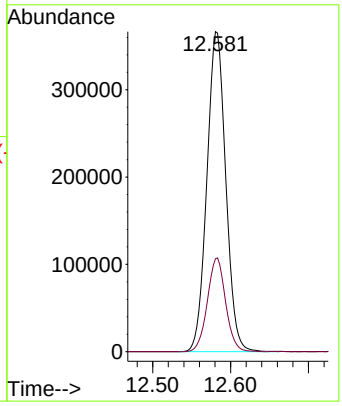
Instrument :
MSVOA_N
ClientSampleId :

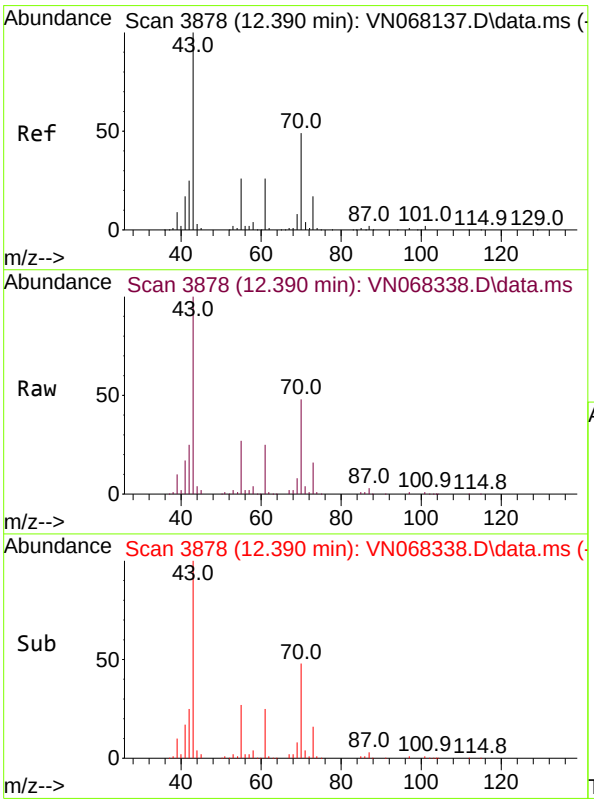


#73
Isopropylbenzene
Concen: 18.739 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:105 Resp: 617764

Ion	Ratio	Lower	Upper
105	100		
120	28.3	12.5	37.5

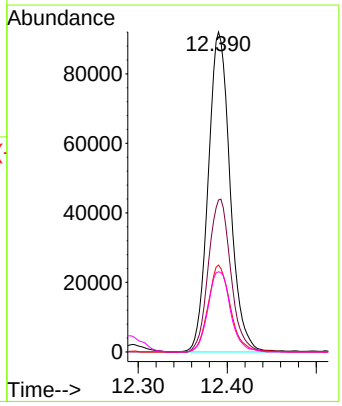


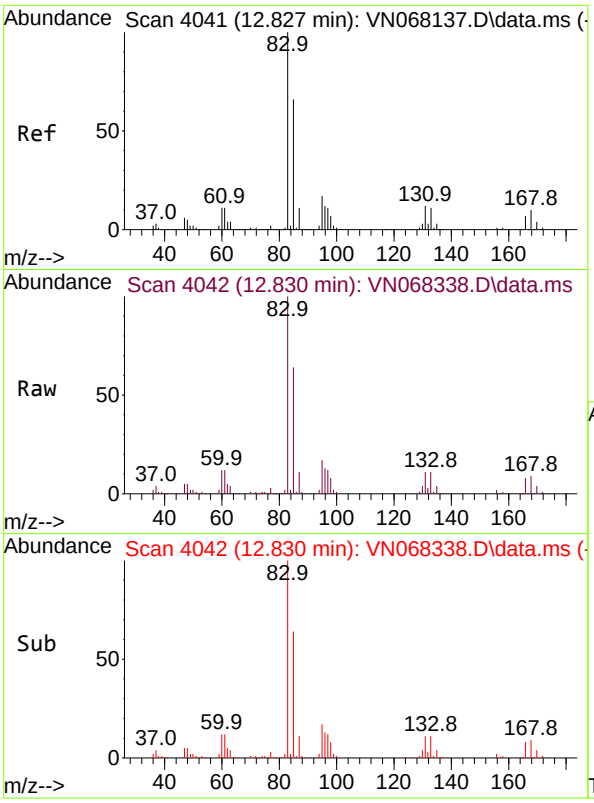


#74
N-amyl acetate
Concen: 18.302 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 43 Resp: 157116

Ion	Ratio	Lower	Upper
43	100		
70	49.0	29.4	44.2#
55	27.6	17.0	25.4#
61	25.8	17.6	26.4

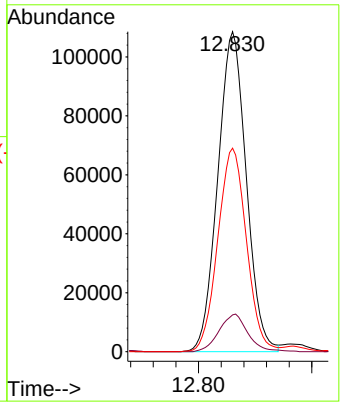




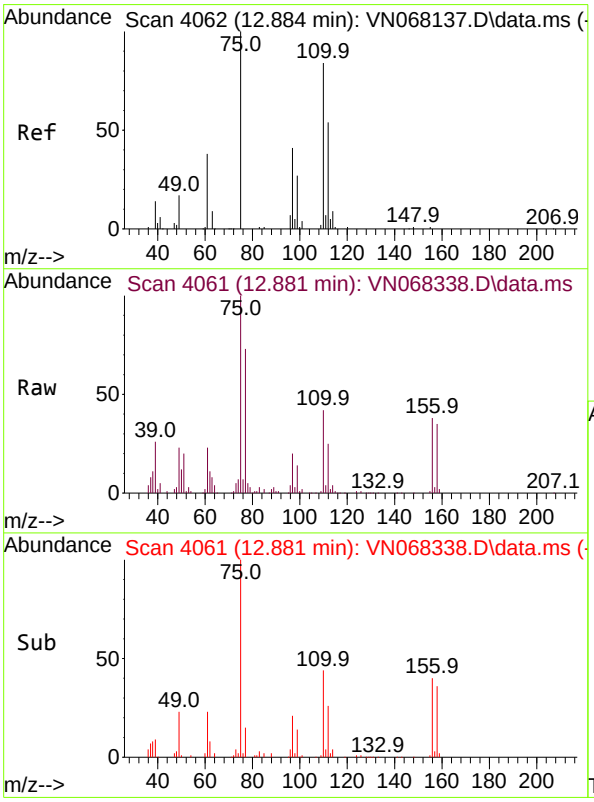
#75
1,1,2,2-Tetrachloroethane
Concen: 19.153 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 83 Resp: 189364

Ion	Ratio	Lower	Upper
83	100		
131	11.9	4.8	14.4
85	64.0	32.2	96.6



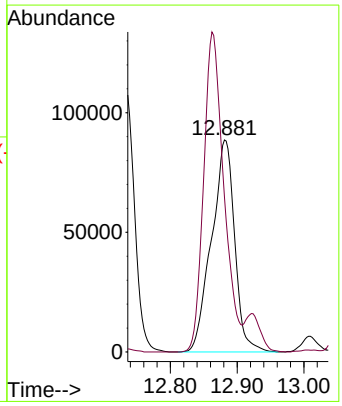
Instrument :
MSVOA_N
ClientSampleId :



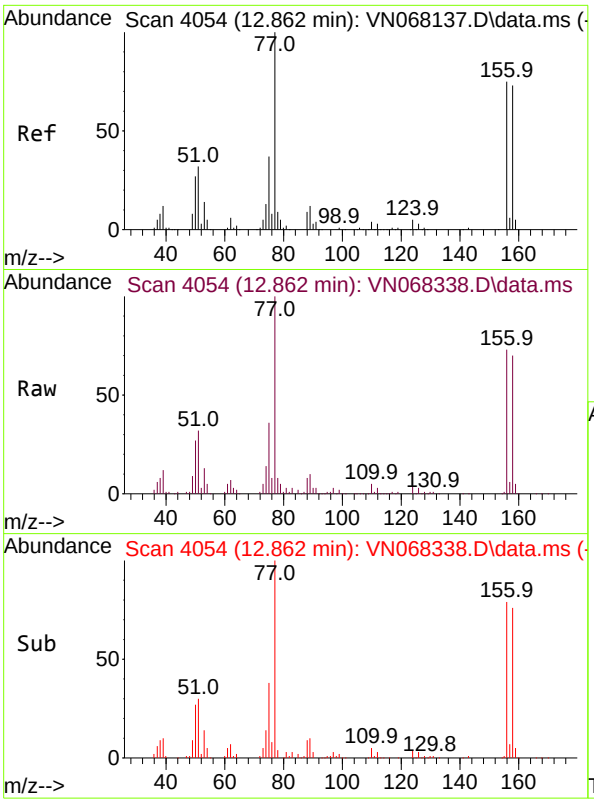
#76
1,2,3-Trichloropropane
Concen: 27.714 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 213525

Ion	Ratio	Lower	Upper
75	100		
77	131.6	0.0	0.0#



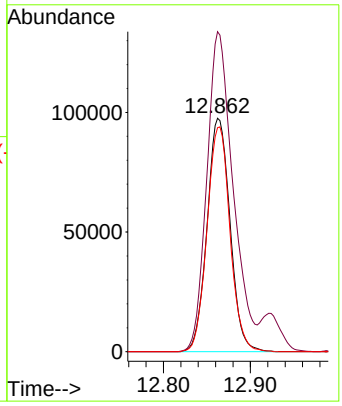
Instrument :
MSVOA_N
ClientSampleId :

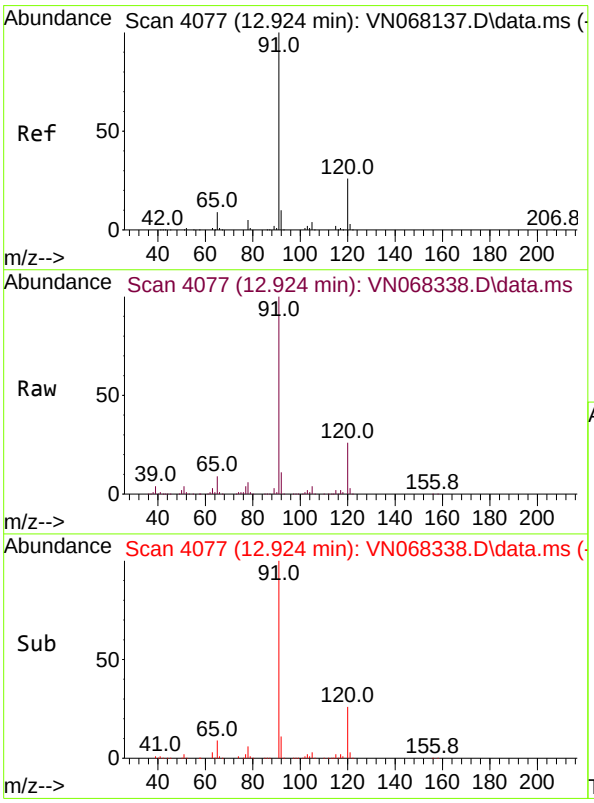


#77
Bromobenzene
Concen: 19.770 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:156 Resp: 179558

Ion	Ratio	Lower	Upper
156	100		
77	156.5	136.2	408.6
158	96.2	48.4	145.3

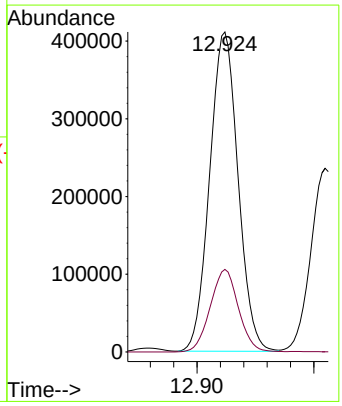


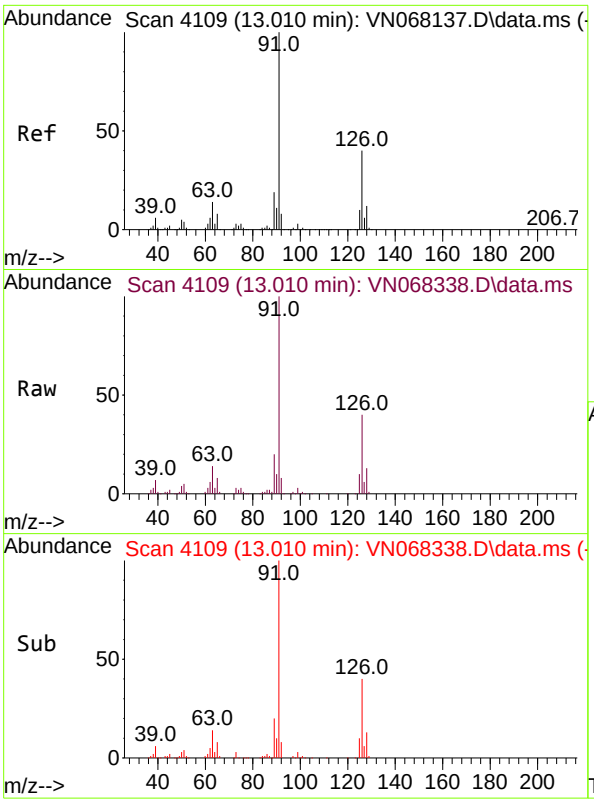


#78
n-propylbenzene
Concen: 19.594 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 91 Resp: 692926

Ion	Ratio	Lower	Upper
91	100		
120	25.6	10.4	31.4

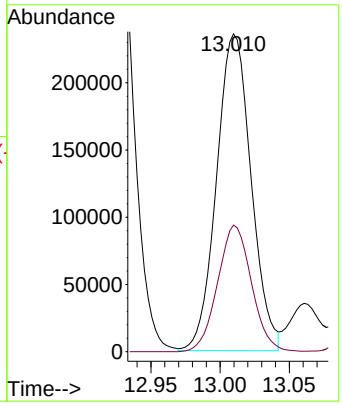




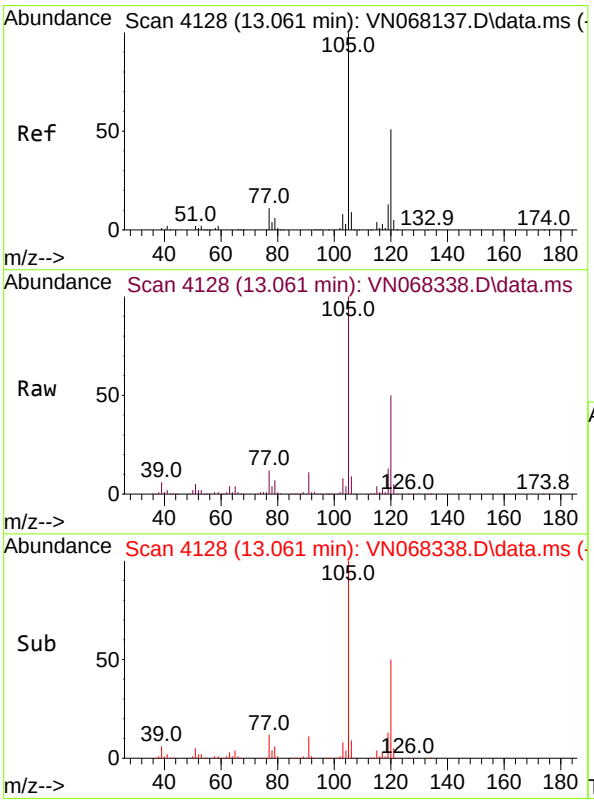
#79
2-Chlorotoluene
Concen: 18.707 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 91 Resp: 409143

Ion	Ratio	Lower	Upper
91	100		
126	39.1	14.5	43.5



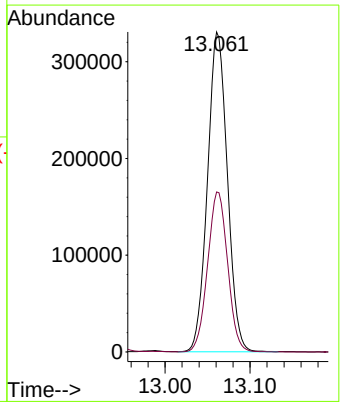
Instrument :
MSVOA_N
ClientSampleId :



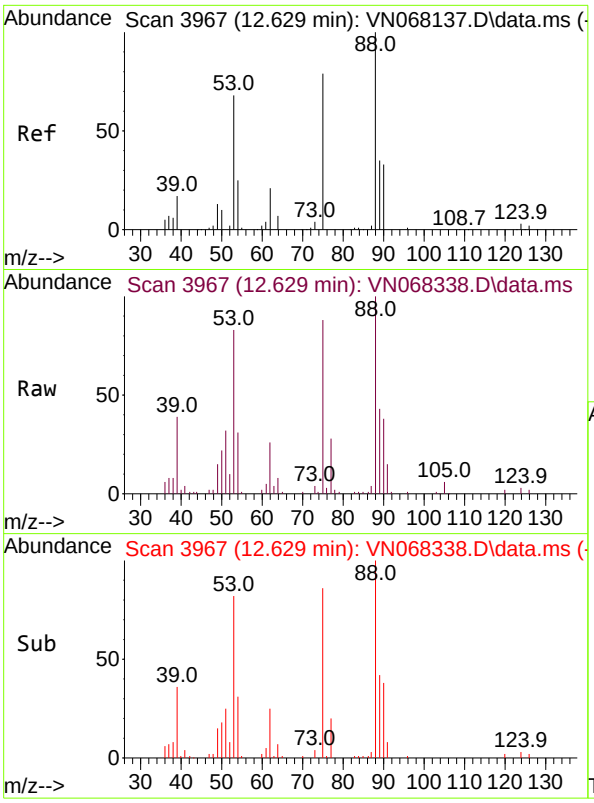
#80
1,3,5-Trimethylbenzene
Concen: 20.121 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:105 Resp: 536619

Ion	Ratio	Lower	Upper
105	100		
120	50.5	22.2	66.6



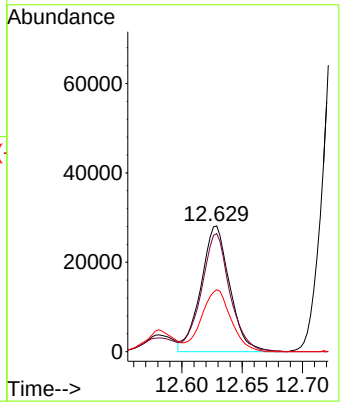
Instrument :
MSVOA_N
ClientSampleId :

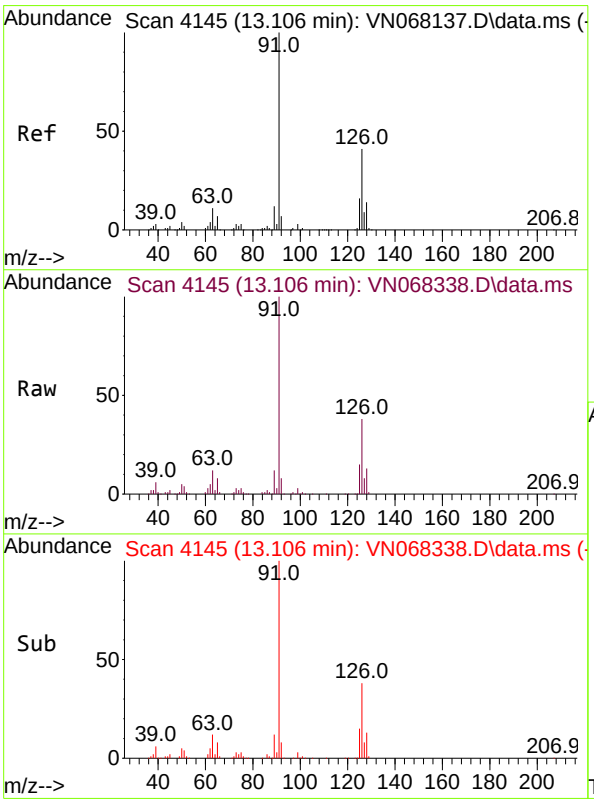


#81
trans-1,4-Dichloro-2-butene
Concen: 19.917 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 46838

Ion	Ratio	Lower	Upper
75	100		
53	93.3	87.6	131.4
89	50.2	37.8	56.8

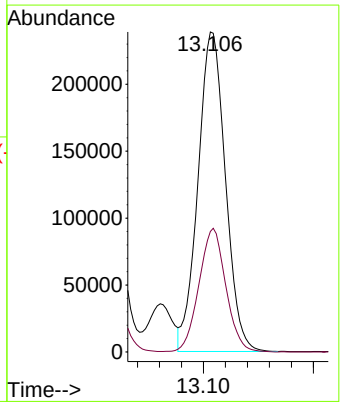




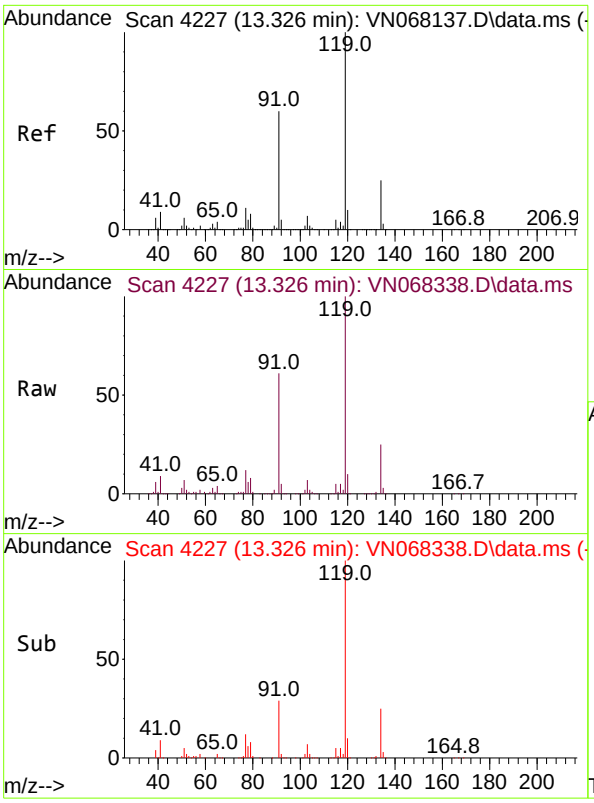
#82
4-Chlorotoluene
Concen: 19.452 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 91 Resp: 412929

Ion	Ratio	Lower	Upper
91	100		
126	38.1	14.8	44.4



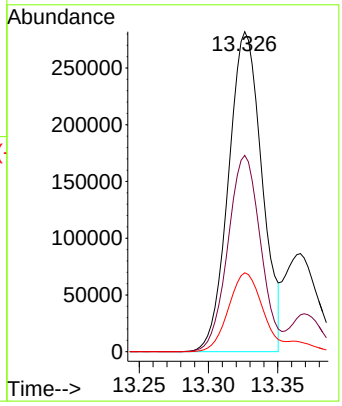
Instrument :
MSVOA_N
ClientSampleId :

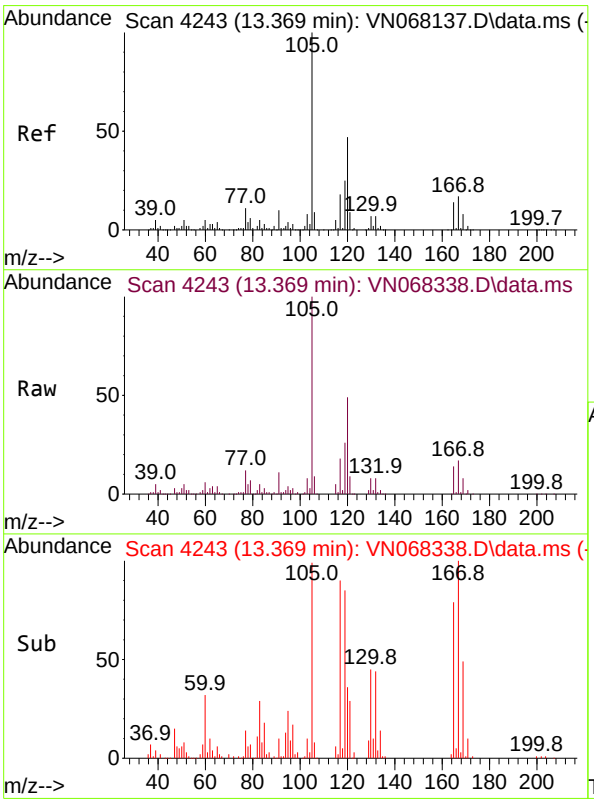


#83
tert-Butylbenzene
Concen: 20.033 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:119 Resp: 474442

Ion	Ratio	Lower	Upper
119	100		
91	60.2	39.5	118.5
134	25.2	12.0	36.0

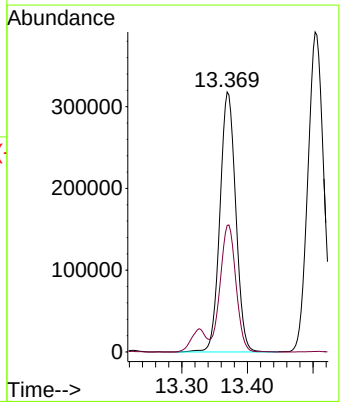




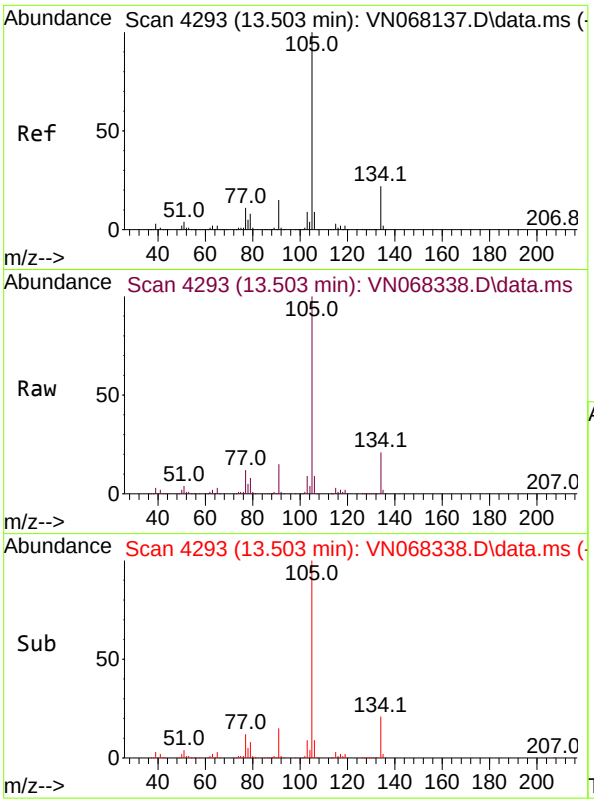
#84
1,2,4-Trimethylbenzene
Concen: 20.469 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:105 Resp: 532919

Ion	Ratio	Lower	Upper
105	100		
120	48.7	20.6	61.8



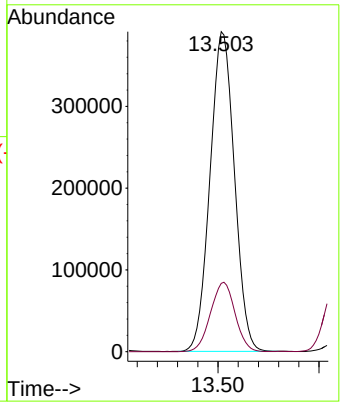
Instrument :
MSVOA_N
ClientSampleId :

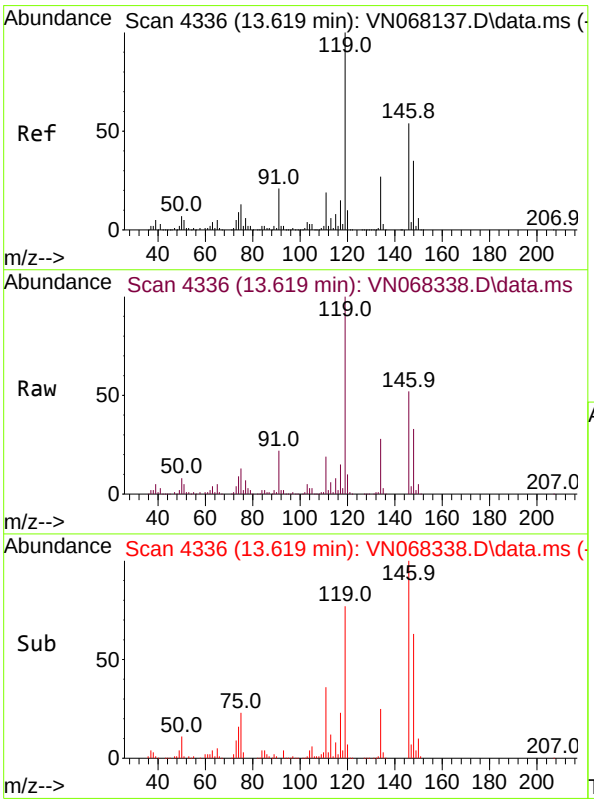


#85
sec-Butylbenzene
Concen: 21.020 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:105 Resp: 655494

Ion	Ratio	Lower	Upper
105	100		
134	21.9	9.0	27.1

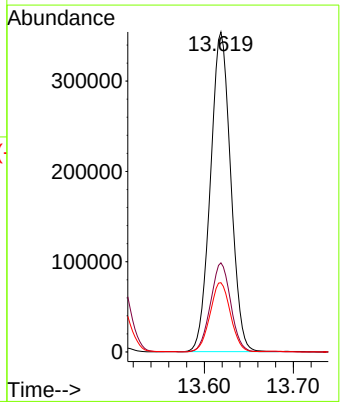




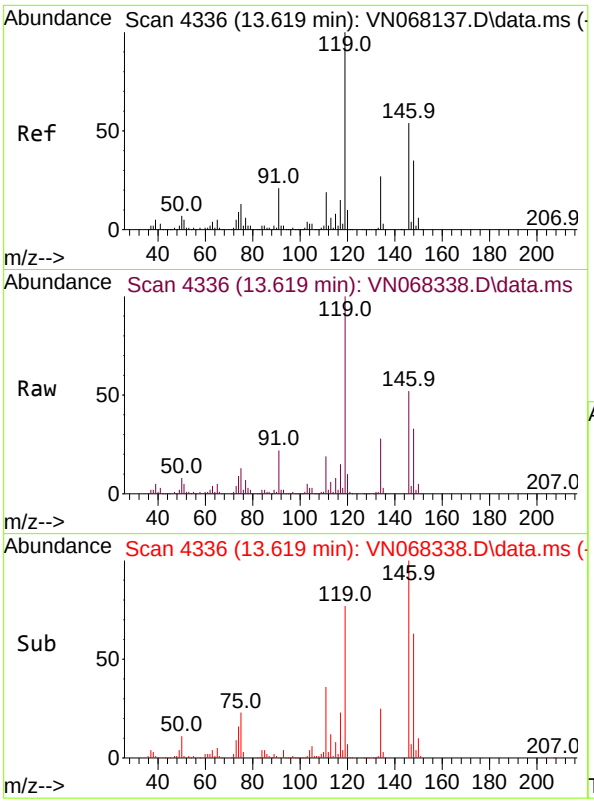
#86
p-Isopropyltoluene
Concen: 21.747 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:119 Resp: 559757

Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.4	37.4
91	21.8	14.8	44.3



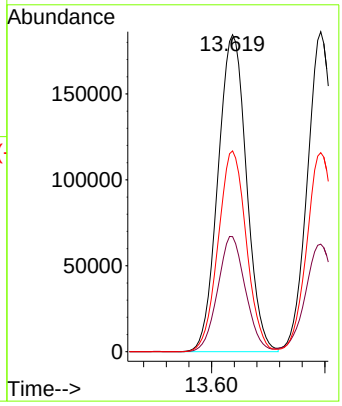
Instrument :
MSVOA_N
ClientSampleId :

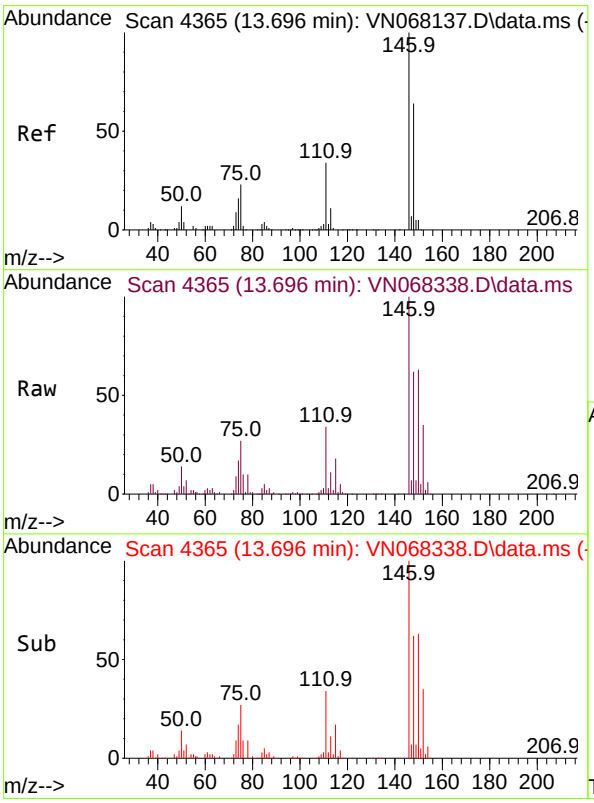


#87
1,3-Dichlorobenzene
Concen: 20.806 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:146 Resp: 322234

Ion	Ratio	Lower	Upper
146	100		
111	35.3	24.3	72.8
148	62.7	32.0	96.0

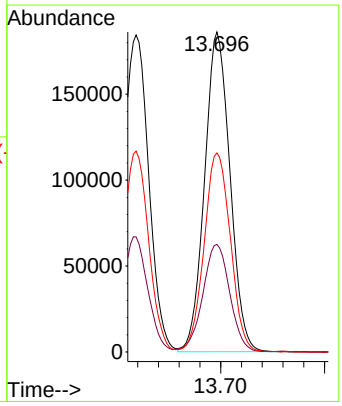




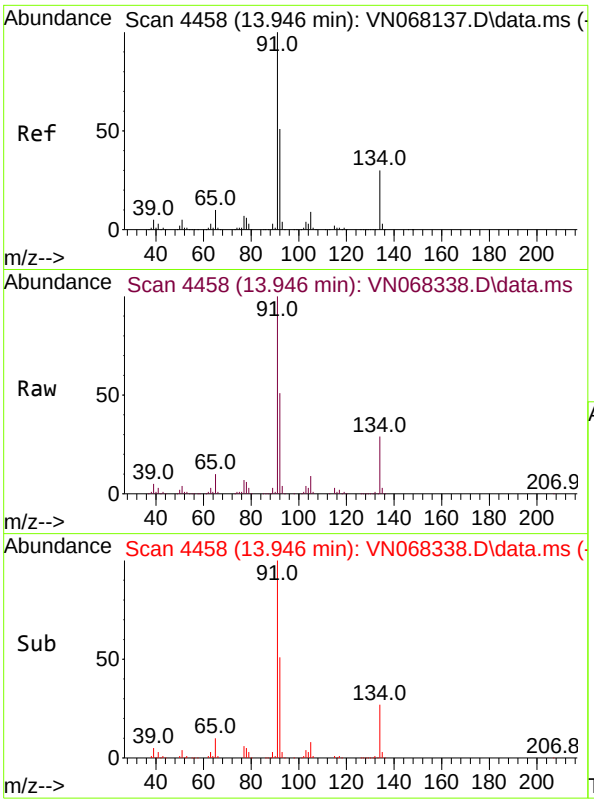
#88
1,4-Dichlorobenzene
Concen: 20.151 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:146 Resp: 316171

Ion	Ratio	Lower	Upper
146	100		
111	35.7	23.4	70.2
148	64.6	31.8	95.3



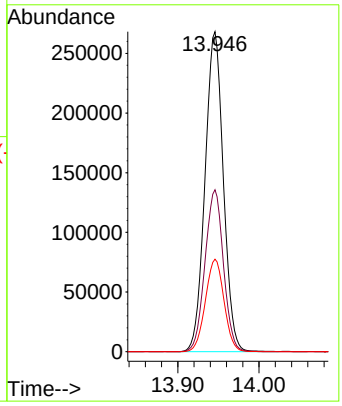
Instrument :
MSVOA_N
ClientSampleId :

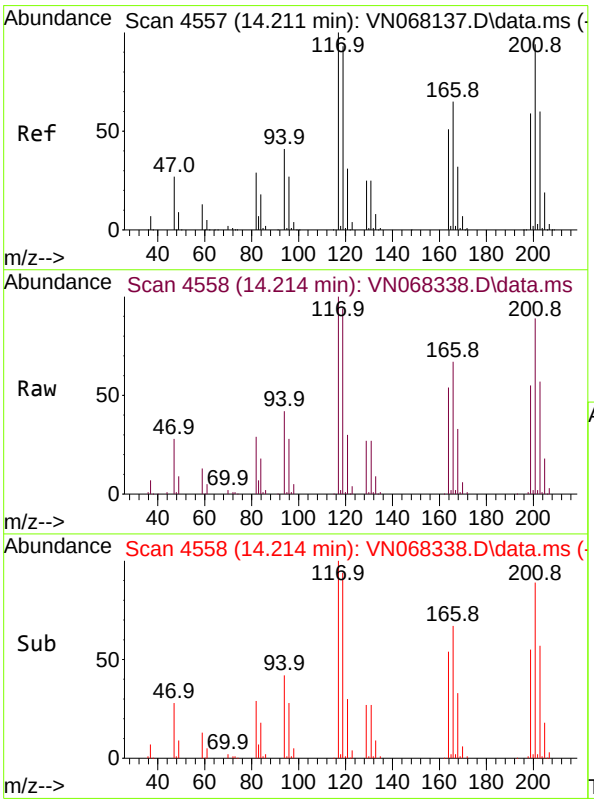


#89
n-Butylbenzene
Concen: 21.912 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 91 Resp: 420744

Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.7	77.1
134	29.4	11.2	33.6

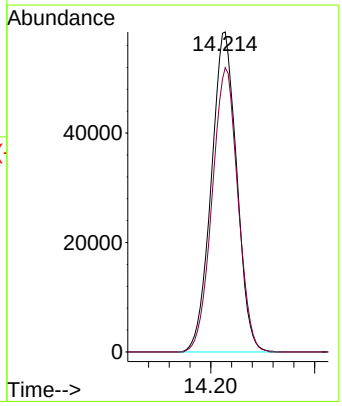




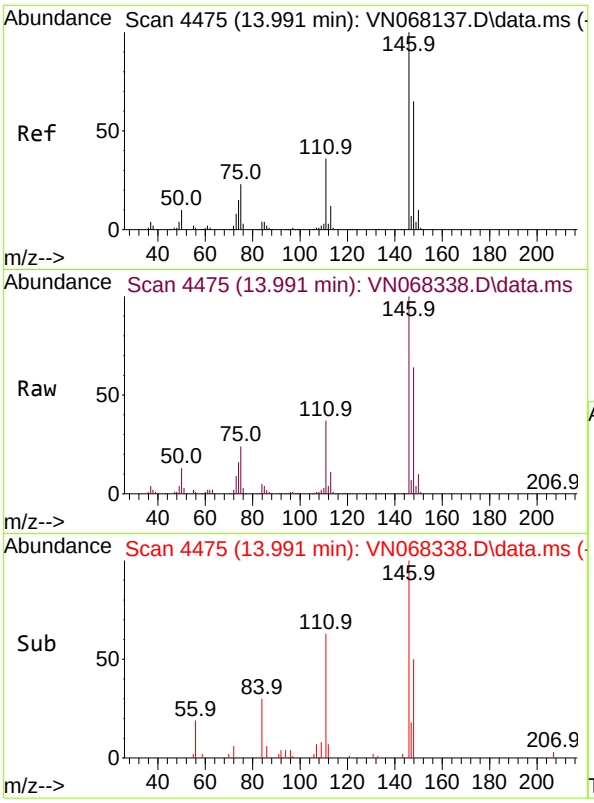
#90
Hexachloroethane
Concen: 20.835 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:117 Resp: 99507

Ion	Ratio	Lower	Upper
117	100		
201	89.6	33.5	100.5



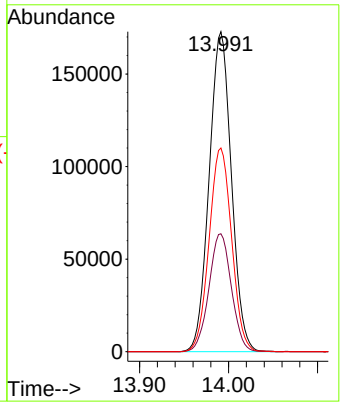
Instrument :
MSVOA_N
ClientSampleId :

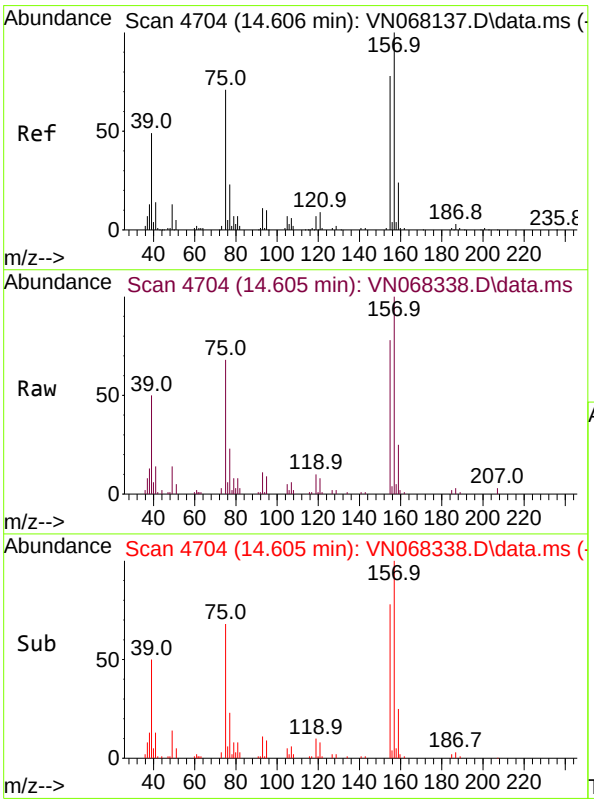


#91
1,2-Dichlorobenzene
Concen: 20.355 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:146 Resp: 300133

Ion	Ratio	Lower	Upper
146	100		
111	37.2	24.9	74.6
148	64.6	31.6	95.0

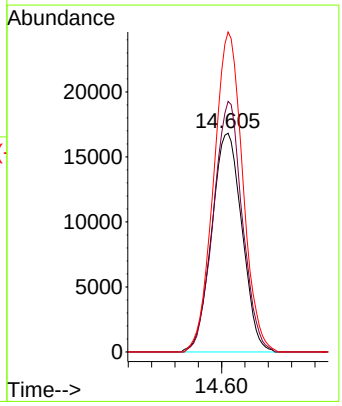




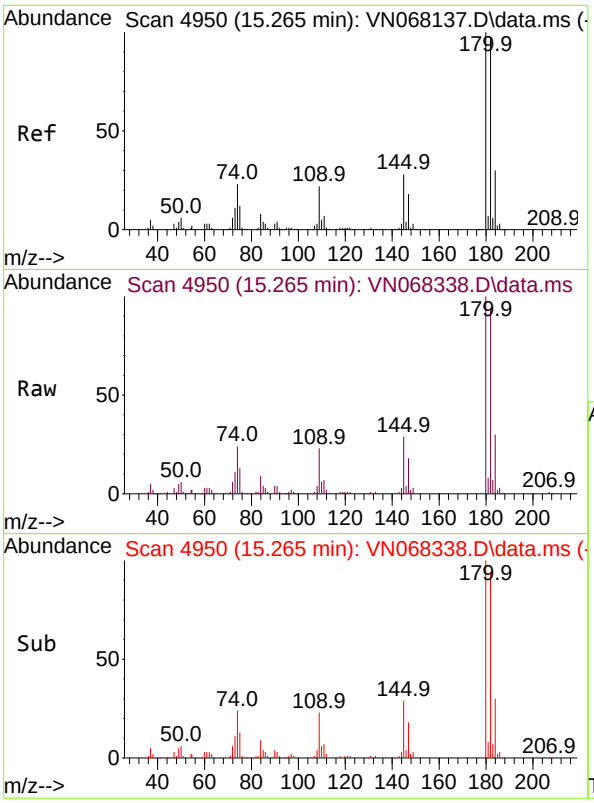
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.249 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion: 75 Resp: 30324

Ion	Ratio	Lower	Upper
75	100		
155	109.6	29.8	89.5#
157	139.9	37.6	112.8#



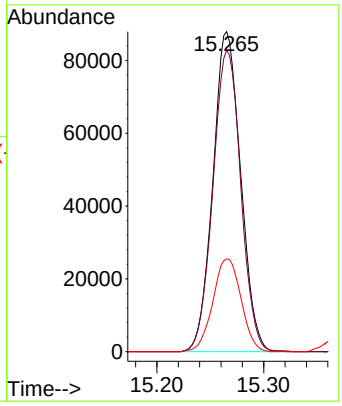
Instrument :
MSVOA_N
ClientSampleId :

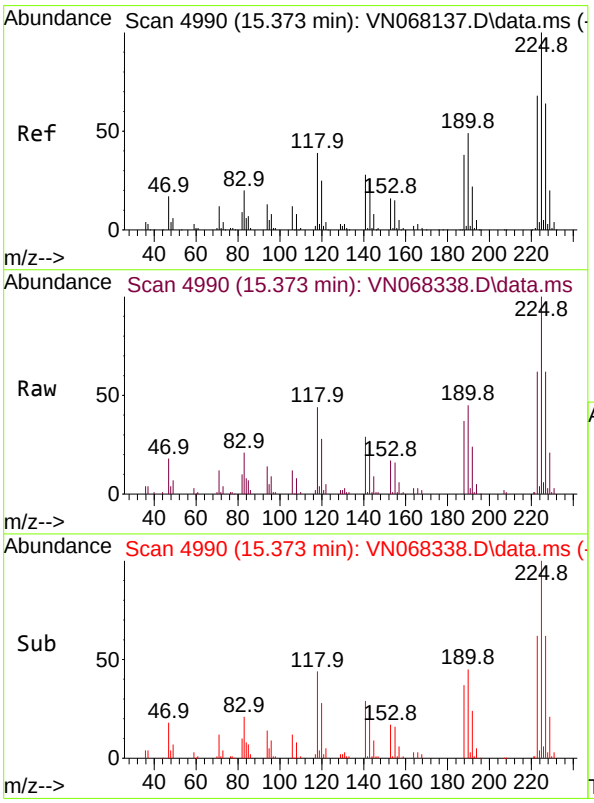


#93
1,2,4-Trichlorobenzene
Concen: 22.059 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:180 Resp: 158318

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.5
145	29.6	17.2	51.6

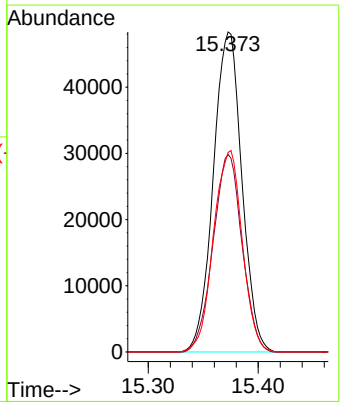


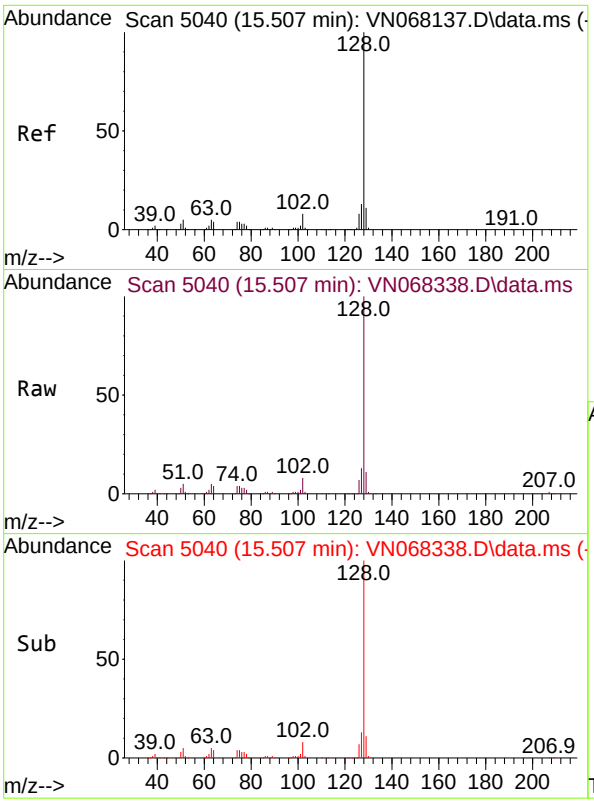


#94
Hexachlorobutadiene
Concen: 21.844 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:225 Resp: 87234

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.0
227	63.5	31.2	93.6

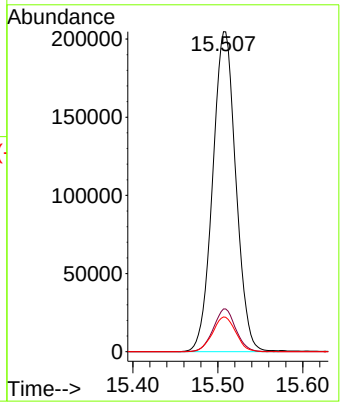




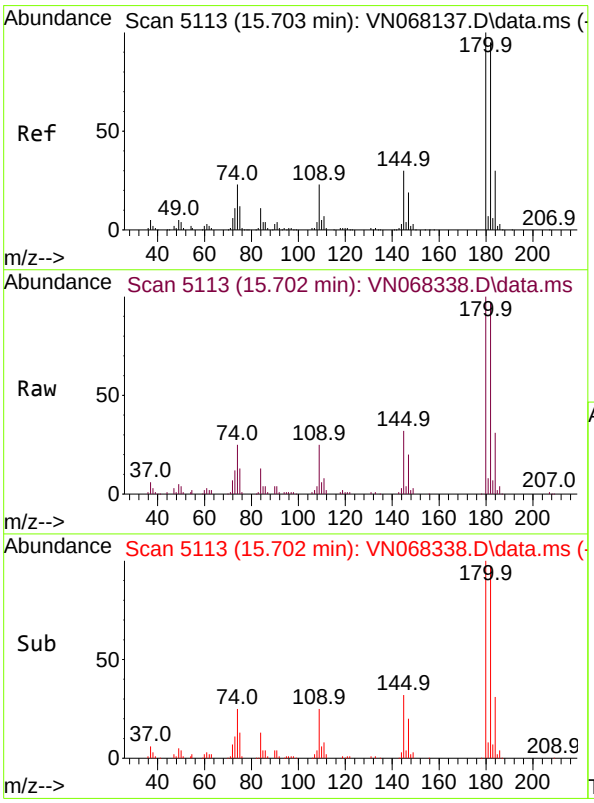
#95
Naphthalene
Concen: 23.235 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:128 Resp: 387870

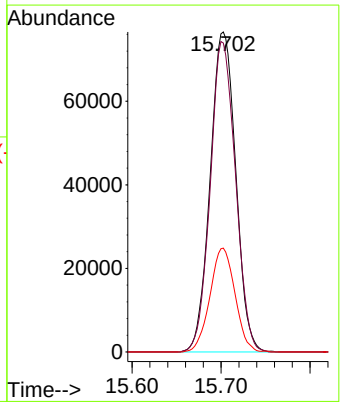
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.6	12.8



Instrument :
MSVOA_N
ClientSampleId :



#96
1,2,3-Trichlorobenzene
Concen: 22.467 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.001 min
Lab File: VN068338.D
Acq: 27 Aug 2021 12:11

Tgt Ion:180 Resp: 152806

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	31.8	18.2	54.6