

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063077.D
 Acq On : 21 Aug 2020 13:48
 Operator : JC/MD
 Sample : VN0821WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Manual Integrations
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 8/24/2020 5:52:18 PM

Quant Time: Aug 22 01:32:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99160	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	81826	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	308953	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	105879	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41699	19.696	ug/l	99
3) Chloromethane	2.03	50	46710	20.843	ug/l	99
4) Vinyl Chloride	2.16	62	46476	21.444	ug/l	98
5) Bromomethane	2.53	94	27279	21.206	ug/l	99
6) Chloroethane	2.67	64	27559	21.537	ug/l	100
7) Trichlorofluoromethane	2.98	101	56291	20.827	ug/l	96
8) Diethyl Ether	3.38	74	18038	18.865	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28183	19.351	ug/l	98
10) Methyl Iodide	3.91	142	34607	18.747	ug/l	99
11) Tert butyl alcohol	4.73	59	22450	81.820	ug/l	97
12) 1,1-Dichloroethene	3.70	96	25140	18.121	ug/l	97
13) Acrolein	3.57	56	4438	51.630	ug/l	97
14) Allyl chloride	4.27	41	45809	18.727	ug/l	99
15) Acrylonitrile	4.93	53	79543	98.631	ug/l	99
16) Acetone	3.78	43	65288	105.818	ug/l	95
17) Carbon Disulfide	4.01	76	65704	18.083	ug/l	100
18) Methyl Acetate	4.28	43	37850	19.662	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	95158	19.667	ug/l	97
20) Methylene Chloride	4.51	84	35096	19.741	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	28281	19.479	ug/l	96
22) Diisopropyl ether	5.91	45	116235	20.939	ug/l	95
23) Vinyl Acetate	5.85	43	354108	94.532	ug/l	100
24) 1,1-Dichloroethane	5.80	63	62247	20.067	ug/l	98
25) 2-Butanone	6.79	43	97466	94.773	ug/l	96
26) 2,2-Dichloropropane	6.78	77	50115	20.543	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	35144	19.312	ug/l	99
28) Bromochloromethane	7.15	49	31154	19.195	ug/l	97
29) Tetrahydrofuran	7.17	42	65254	98.312	ug/l	97
30) Chloroform	7.33	83	62823	20.109	ug/l	99
31) Cyclohexane	7.62	56	53740	18.823	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	50943	19.974	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41063	18.958	ug/l	99
37) Ethyl Acetate	6.88	43	39850	19.635	ug/l	98
38) Carbon Tetrachloride	7.73	117	42930	19.632	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48079	17.490	ug/l	96
40) Benzene	8.00	78	134380	19.561	ug/l	100
41) Methacrylonitrile	7.13	41	16255	16.810	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	47540	20.610	ug/l	86
43) Isopropyl Acetate	8.13	43	64845	19.285	ug/l #	92
44) Trichloroethene	8.80	130	32753	19.167	ug/l	98
45) 1,2-Dichloropropane	9.08	63	39155	19.718	ug/l	99
46) Dibromomethane	9.17	93	23178	20.204	ug/l	98
47) Bromodichloromethane	9.37	83	50689	20.174	ug/l	99
48) Methyl methacrylate	9.17	41	29699	18.668	ug/l	99
49) 1,4-Dioxane	9.17	88	10412	308.158	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209293	98.476	ug/l	98
52) Toluene	10.12	92	81994	19.786	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	50999	19.628	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	55734	19.554	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	35890	20.254	ug/l	99
56) Ethyl methacrylate	10.40	69	45980	17.957	ug/l	95
57) 1,3-Dichloropropane	10.68	76	58106	19.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	41243	71.161	ug/l	98
59) 2-Hexanone	10.72	43	142698	96.257	ug/l	98
60) Dibromochloromethane	10.87	129	38771	19.771	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34107	20.032	ug/l	100
64) Tetrachloroethene	10.60	164	29473	19.009	ug/l	97
65) Chlorobenzene	11.41	112	90085	19.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	35414	19.220	ug/l	98
67) Ethyl Benzene	11.49	91	150362	18.785	ug/l	99
68) m/p-Xylenes	11.60	106	115708	38.894	ug/l	100
69) o-Xylene	11.92	106	53883	18.861	ug/l	97
70) Styrene	11.94	104	96001	18.206	ug/l	99
71) Bromoform	12.10	173	28337	19.321	ug/l #	99
73) Isopropylbenzene	12.23	105	147891	20.096	ug/l	99
74) N-amyl acetate	12.05	43	52904	20.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53528	21.584	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	43934m	21.033	ug/l	
77) Bromobenzene	12.50	156	41045	20.280	ug/l	99
78) n-propylbenzene	12.57	91	173536	20.688	ug/l	99
79) 2-Chlorotoluene	12.65	91	105412	19.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125356	20.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15799	20.773	ug/l	97
82) 4-Chlorotoluene	12.75	91	109483	20.379	ug/l	100
83) tert-Butylbenzene	12.97	119	105876	20.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	120772	20.378	ug/l	100
85) sec-Butylbenzene	13.15	105	143799	20.265	ug/l	99
86) p-Isopropyltoluene	13.26	119	121695	19.682	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68478	19.687	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69201	19.601	ug/l	99
89) n-Butylbenzene	13.59	91	94286	17.968	ug/l	99
90) Hexachloroethane	13.85	117	26145	19.894	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	68152	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7979	21.529	ug/l	97

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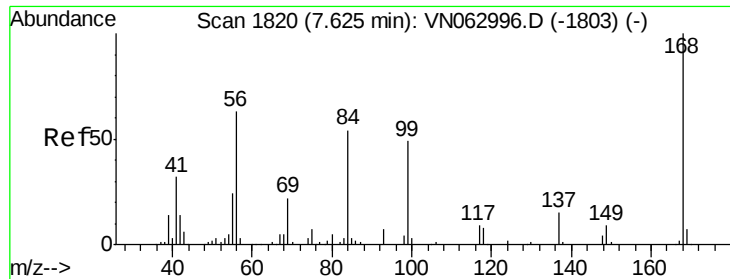
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27447	17.943	ug/l	97
94) Hexachlorobutadiene	14.99	225	22864	18.415	ug/l	98
95) Naphthalene	15.11	128	58241	17.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27228	17.696	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion:168 Resp: 163444

Ion Ratio Lower Upper

168 100

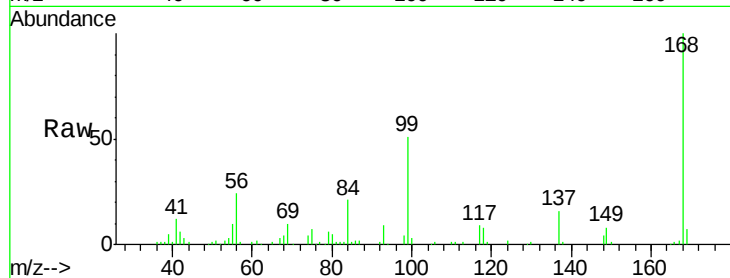
99 50.5 42.0 63.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

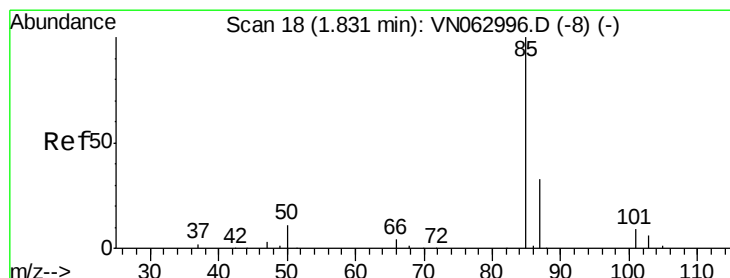
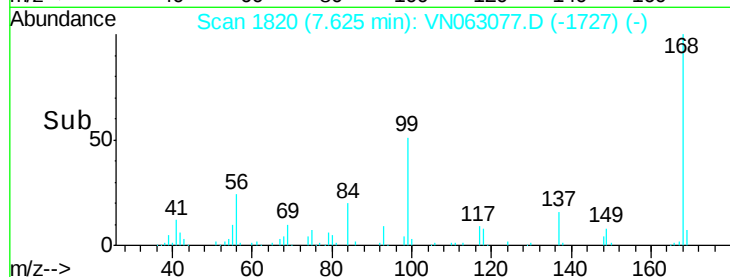
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.696 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063077.D

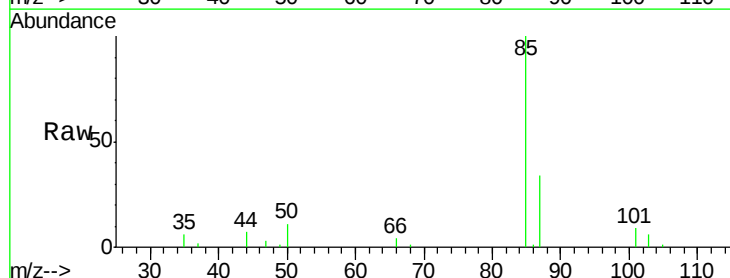
Acq: 21 Aug 2020 13:48

Tgt Ion: 85 Resp: 41699

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

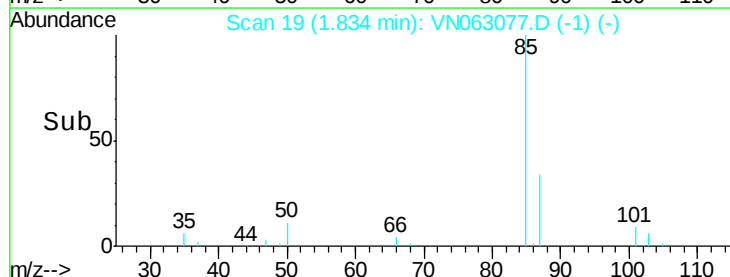
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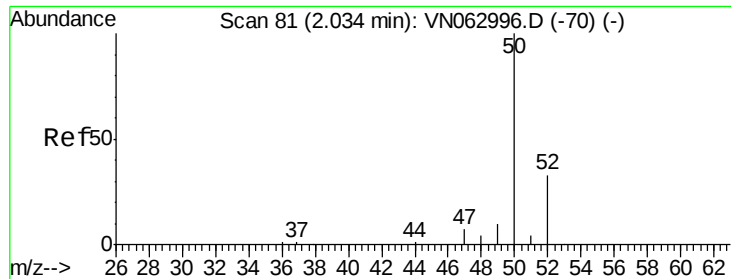
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.843 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 50 Resp: 46710

Ion Ratio Lower Upper

50 100

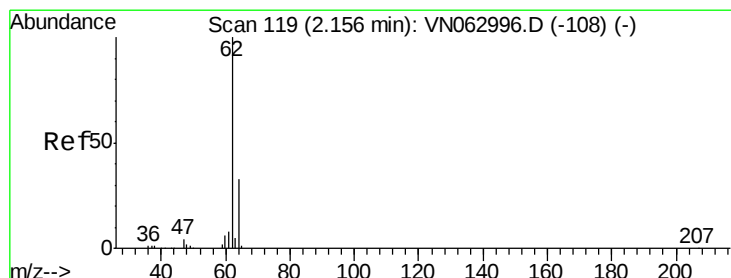
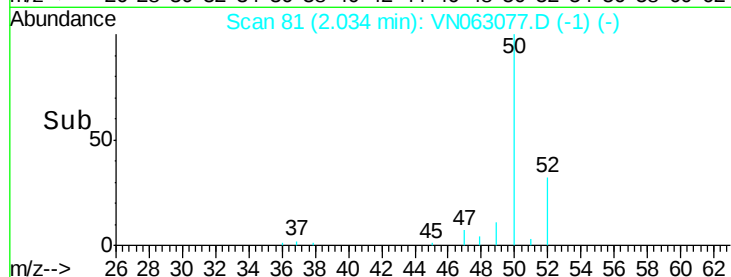
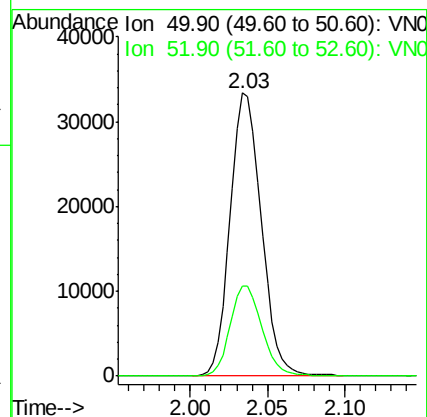
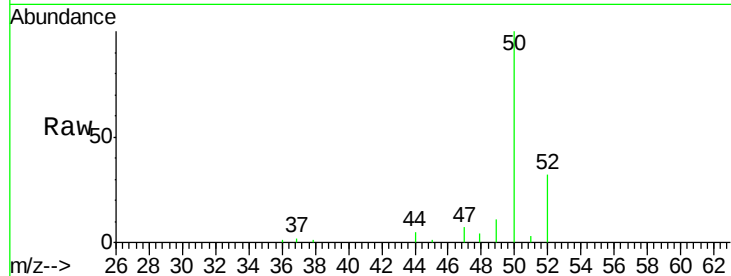
52 32.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 21.444 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063077.D

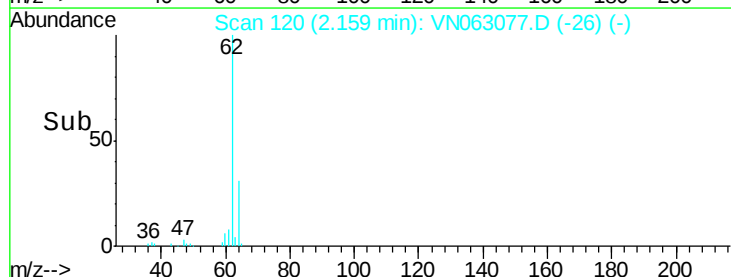
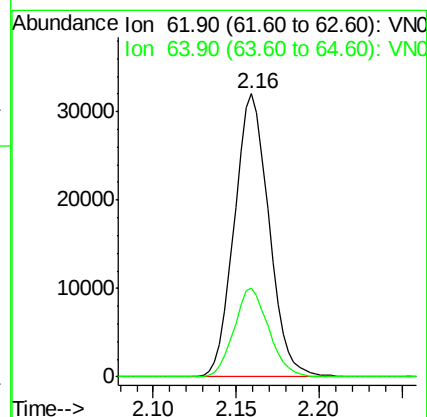
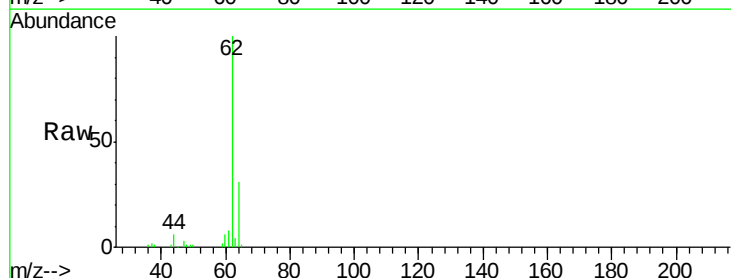
Acq: 21 Aug 2020 13:48

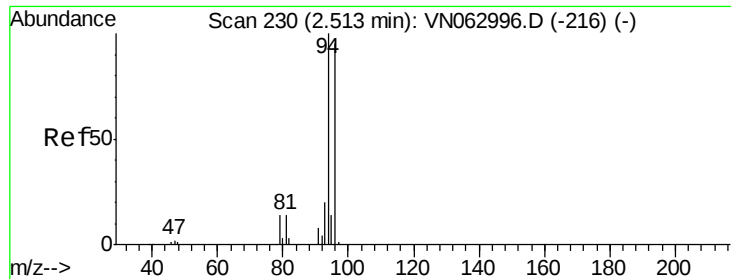
Tgt Ion: 62 Resp: 46476

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 21.206 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

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Tot Ion: 94 Resp: 27279

Ion Ratio Lower Upper

94 100

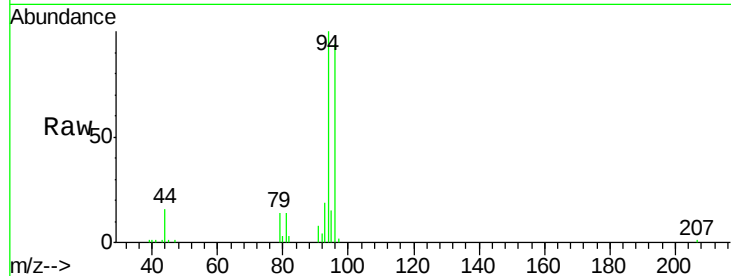
96 93.6 75.8 113.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

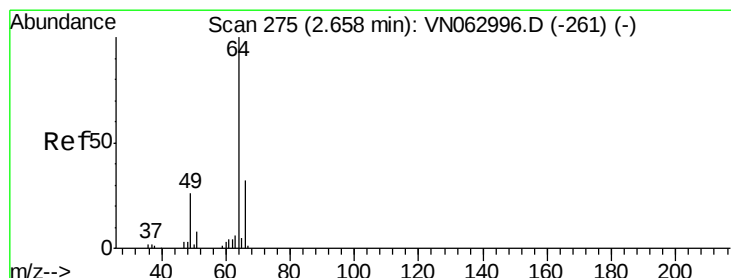
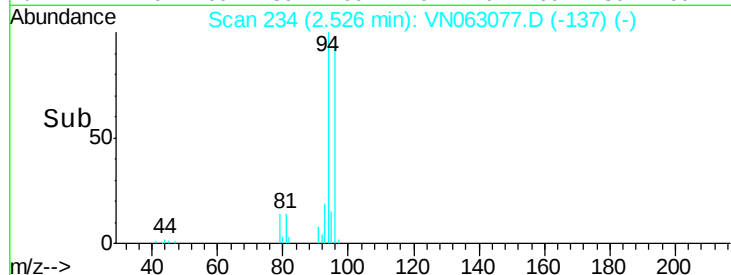
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.537 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063077.D

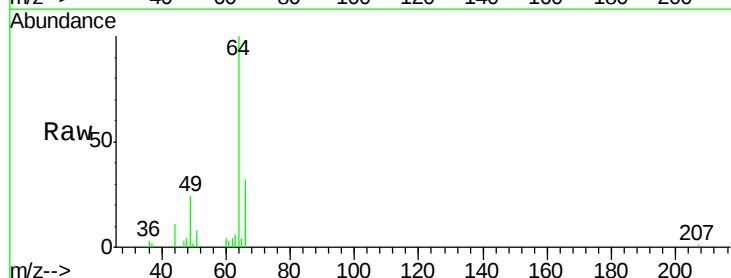
Acq: 21 Aug 2020 13:48

Tgt Ion: 64 Resp: 27559

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

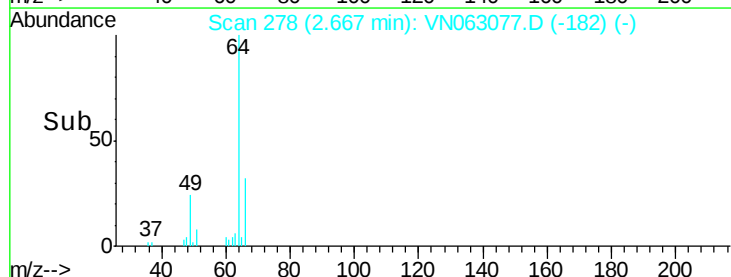
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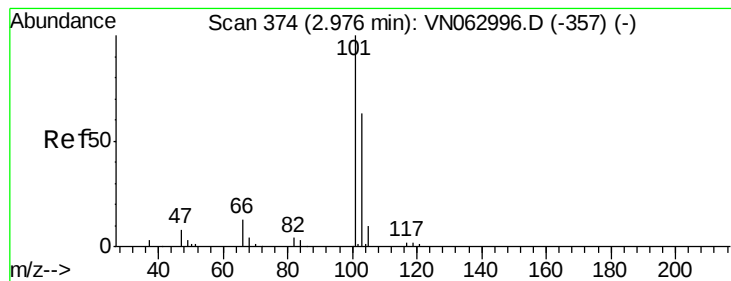
10000

5000

0

Time-->





#7

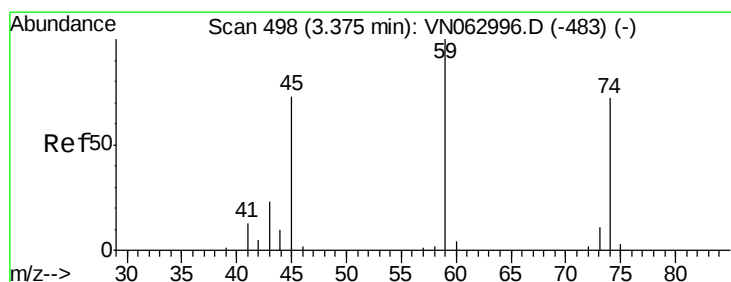
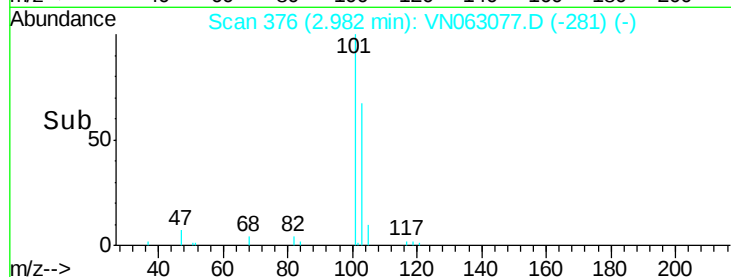
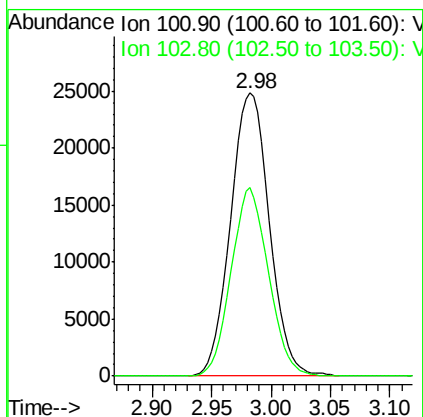
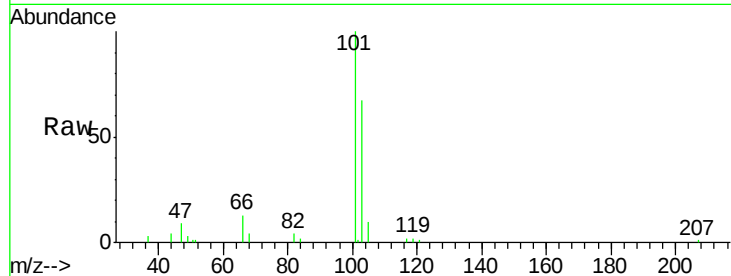
Trichlorofluoromethane
Concen: 20.827 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN063077.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		56291		
103	66.6	50.5	75.7		

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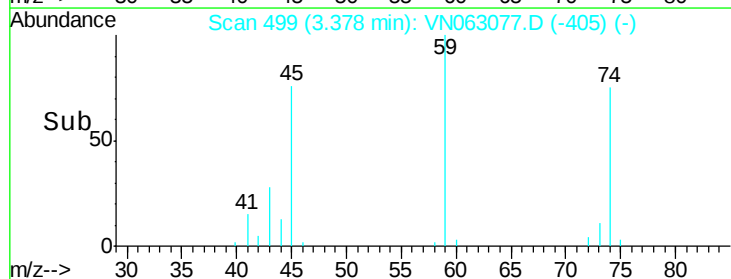
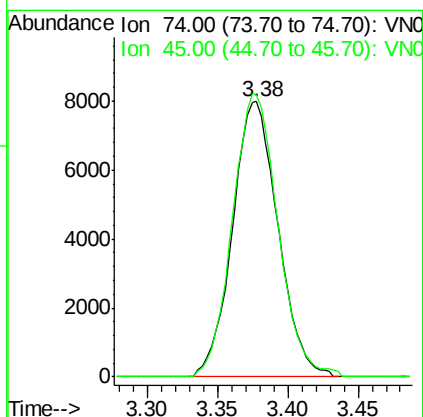
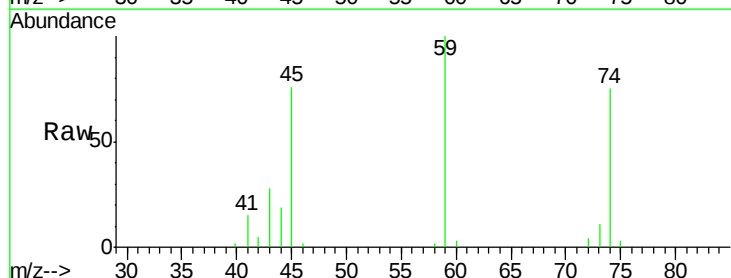
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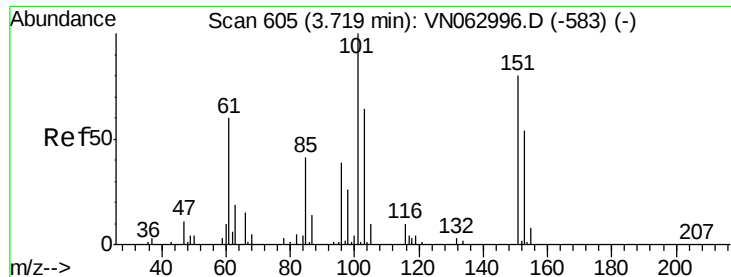


#8

Diethyl Ether
Concen: 18.865 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18038		
45	103.0	49.9	149.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.351 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

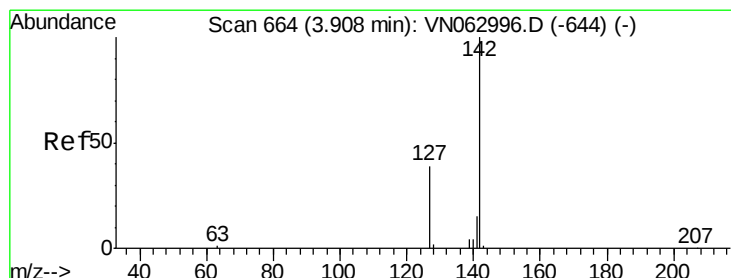
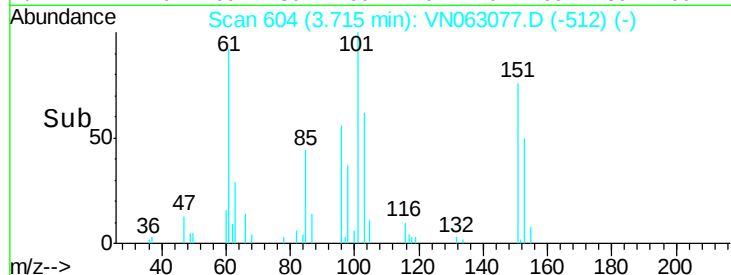
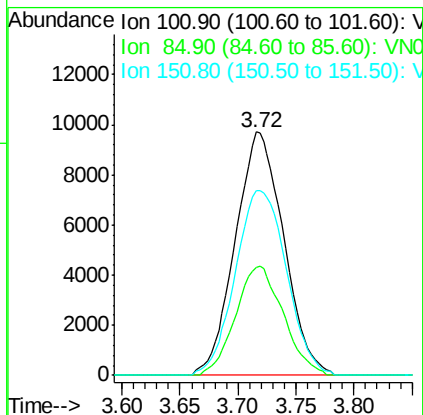
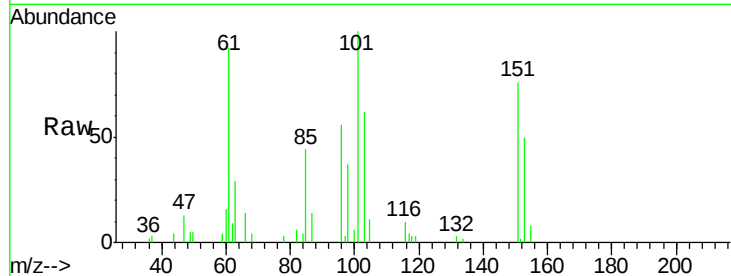
ClientSampleId :

VN0821WBS02

Tot Ion:	101	Resp:	28183
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.0	51.0
151	80.1	65.8	98.8

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#10

Methyl Iodide

Concen: 18.747 ug/l

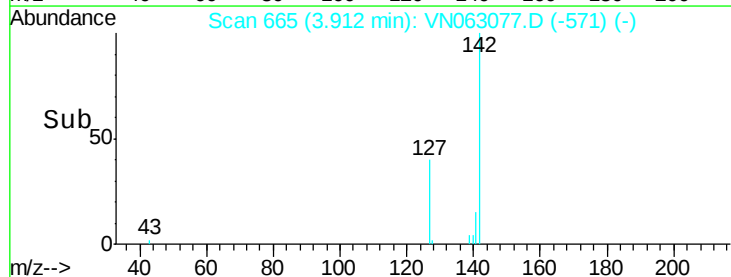
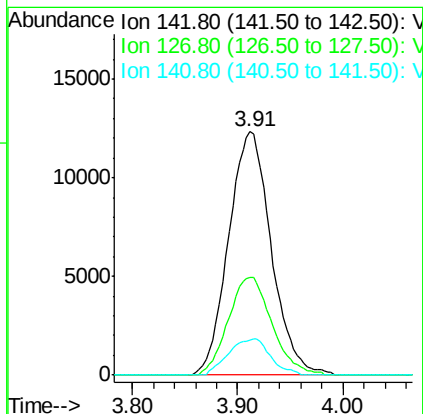
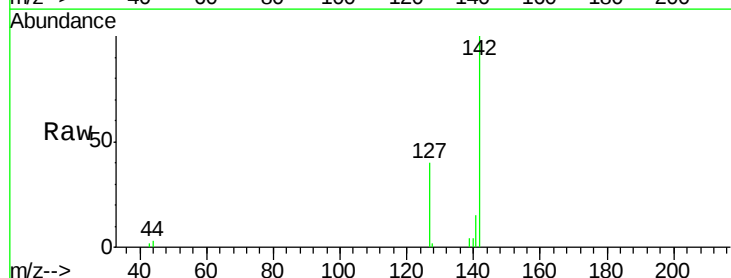
RT: 3.91 min Scan# 665

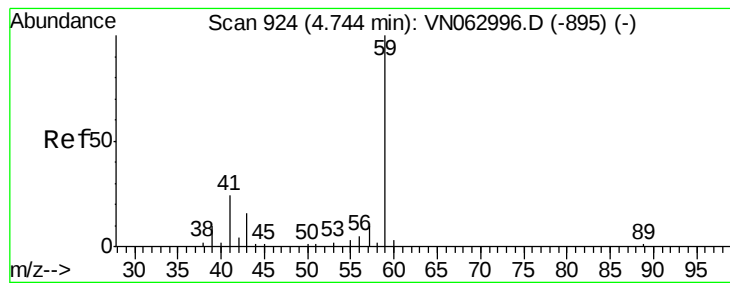
Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	142	Resp:	34607
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.2	48.4
141	14.7	11.3	16.9





#11

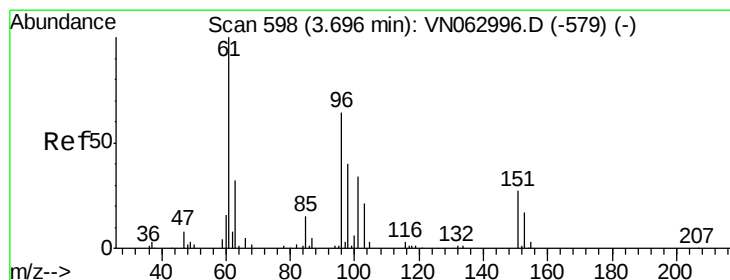
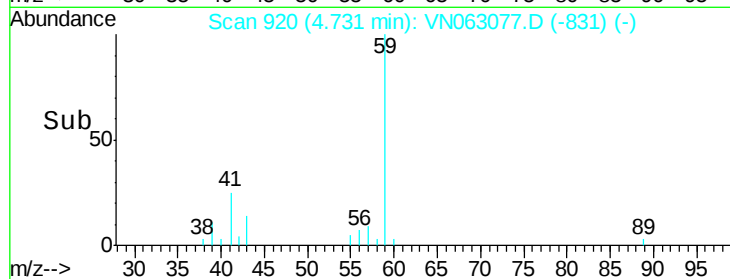
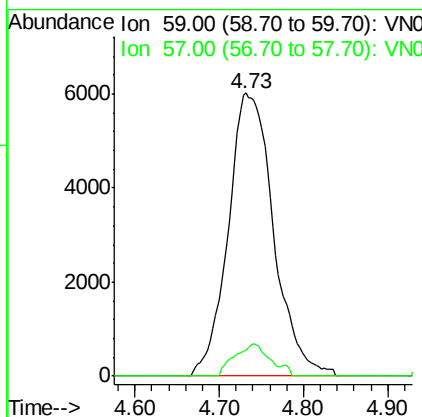
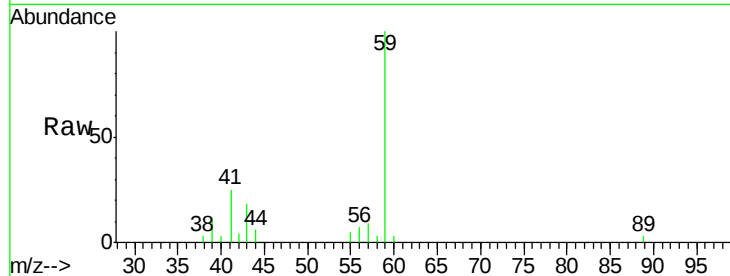
Tert butyl alcohol
 Concen: 81.820 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.8	11.6

Manual Integrations
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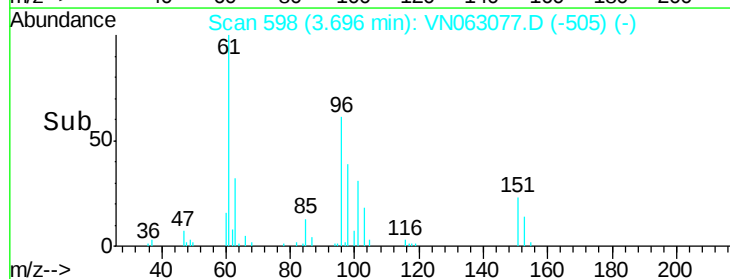
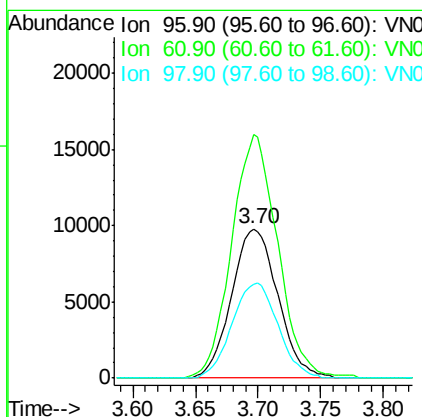
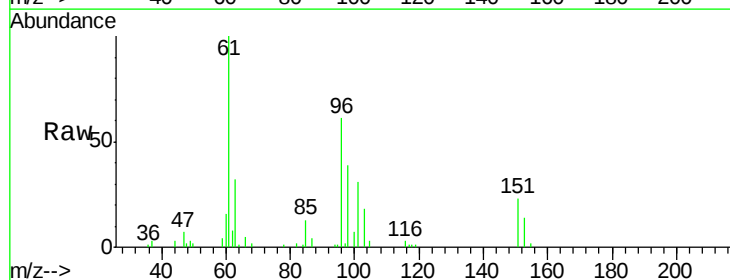
sam
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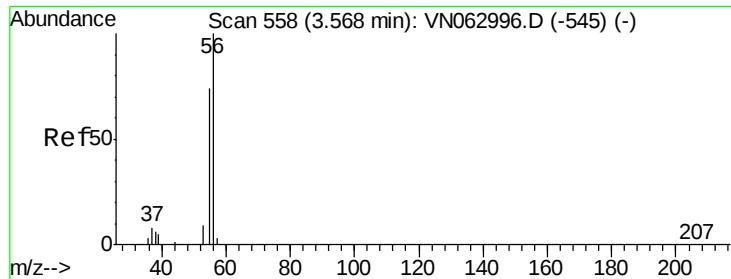


#12

1,1-Dichloroethene
 Concen: 18.121 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	125.5	188.3
98	62.9	50.4	75.6





#13

Acrolein

Concen: 51.630 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 56 Resp: 4438

Ion Ratio Lower Upper

56 100

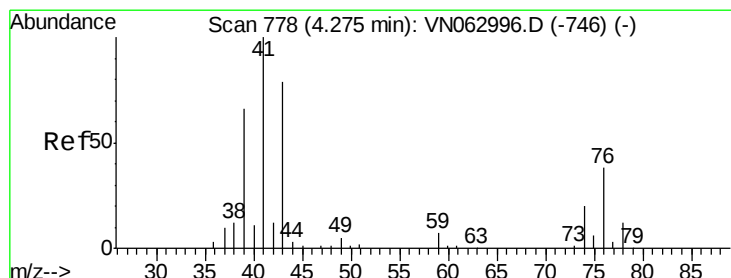
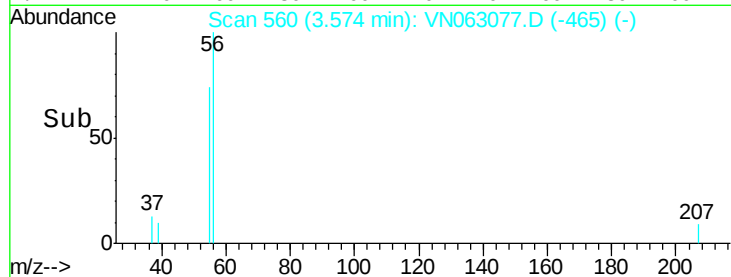
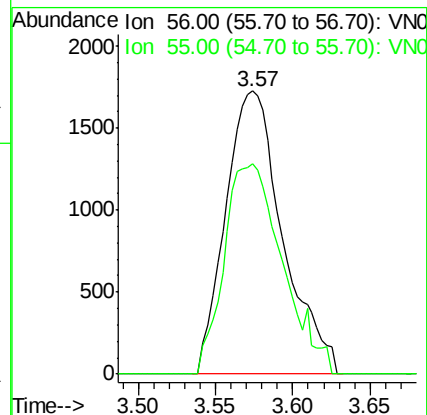
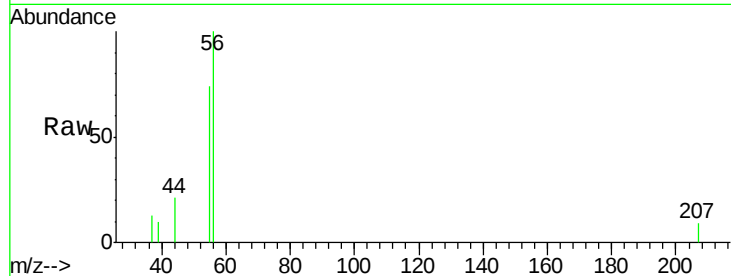
55 75.6 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.727 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

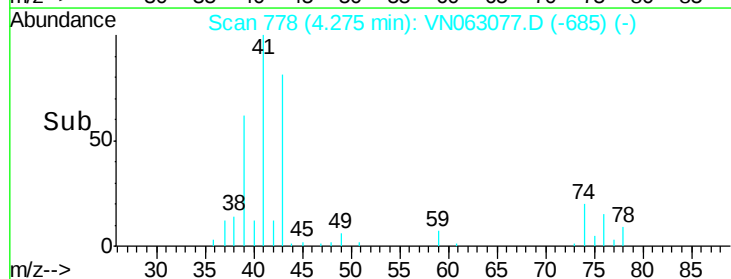
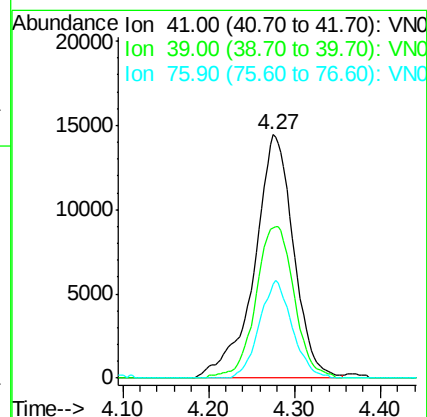
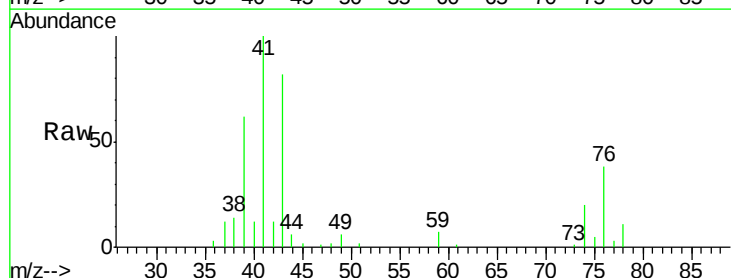
Tgt Ion: 41 Resp: 45809

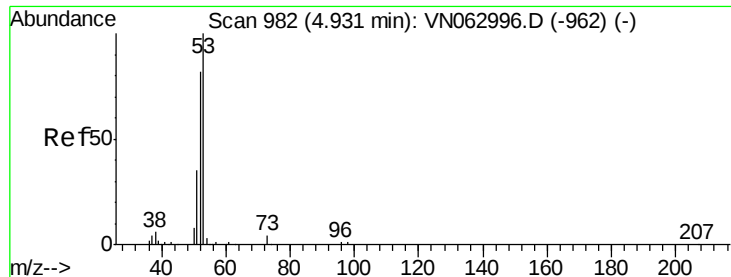
Ion Ratio Lower Upper

41 100

39 61.0 47.9 71.9

76 33.6 27.0 40.6





#15

Acrylonitrile

Concen: 98.631 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

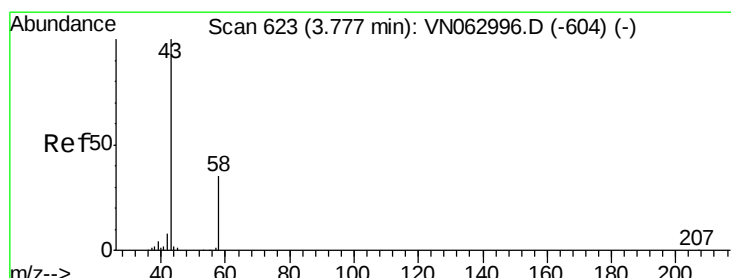
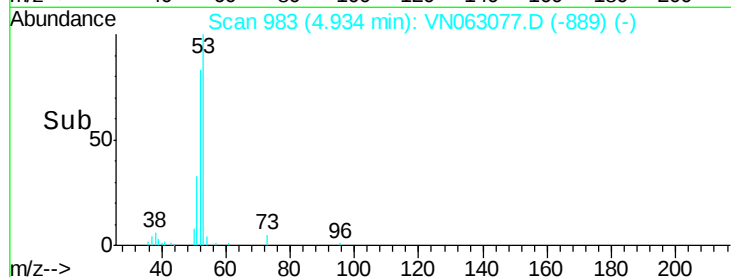
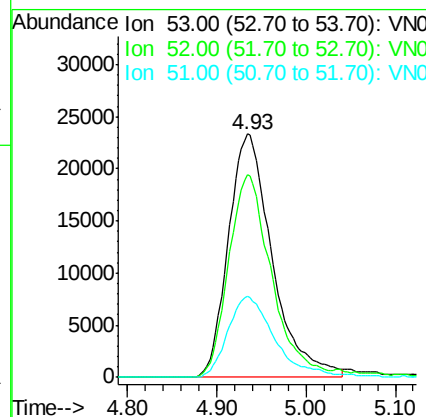
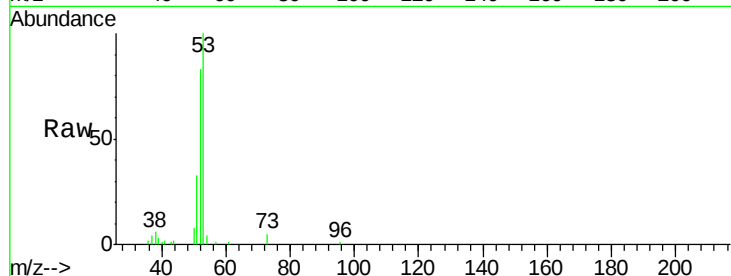
ClientSampleId :

VN0821WBS02

Tot Ion:	53	Resp:	79543
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.6	98.4
51	35.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 105.818 ug/l

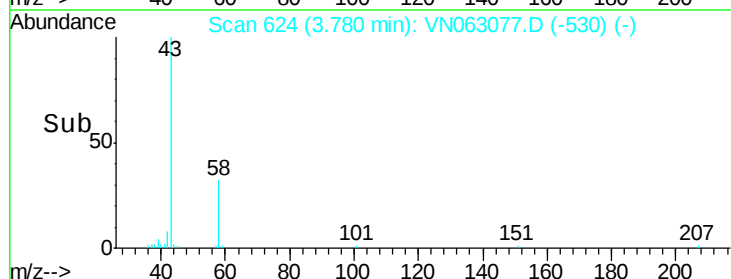
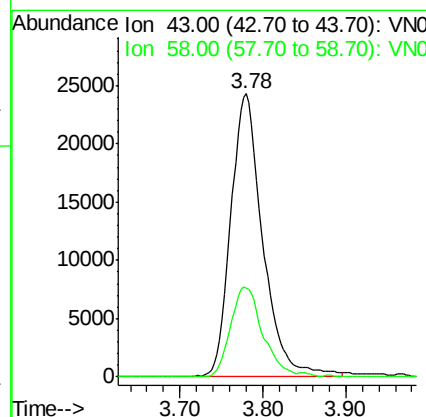
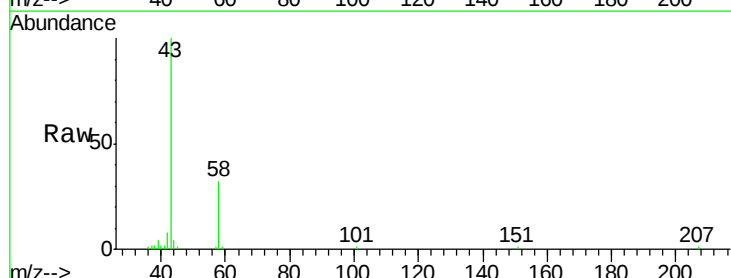
RT: 3.78 min Scan# 624

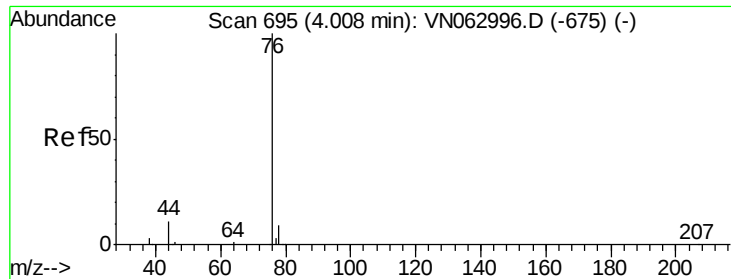
Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	43	Resp:	65288
Ion Ratio	Lower	Upper	
43	100		
58	31.5	27.8	41.6





#17

Carbon Disulfide

Concen: 18.083 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 76 Resp: 65704

Ion Ratio Lower Upper

76 100

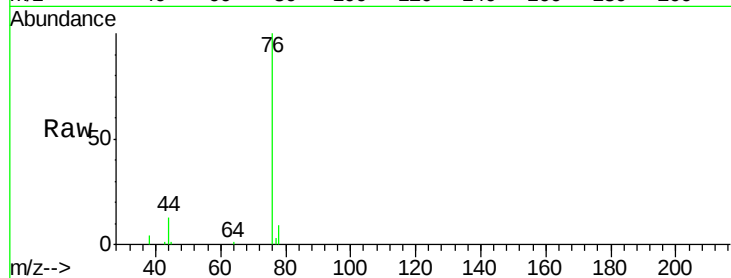
78 8.7 6.9 10.3

Manual Integrations

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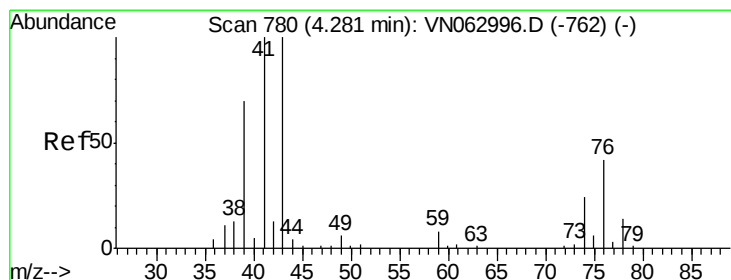
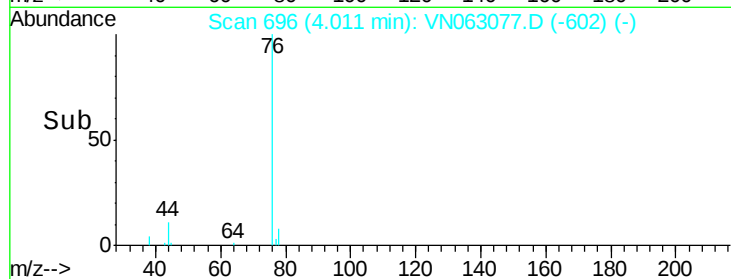
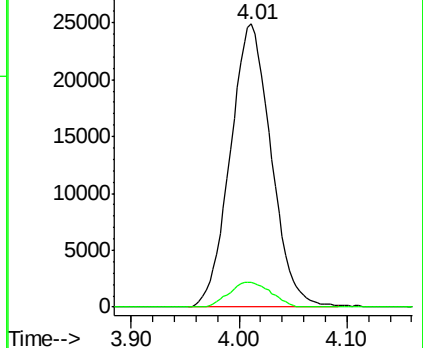
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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 19.662 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN063077.D

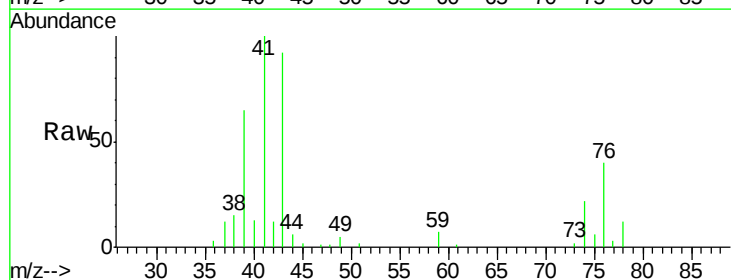
Acq: 21 Aug 2020 13:48

Tgt Ion: 43 Resp: 37850

Ion Ratio Lower Upper

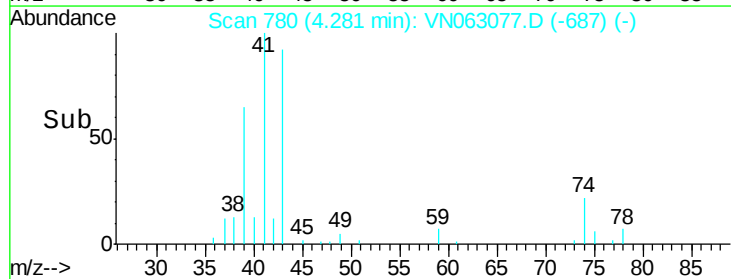
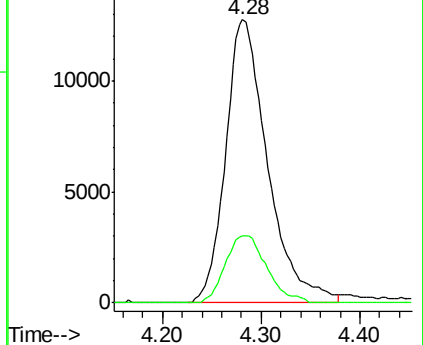
43 100

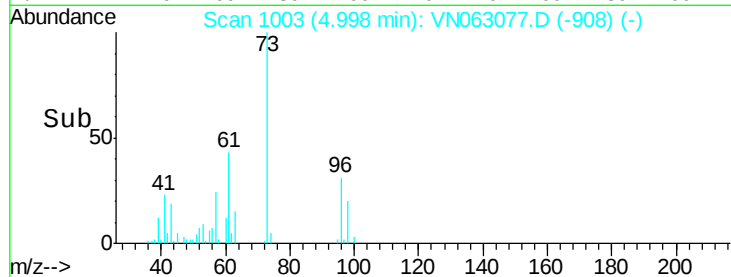
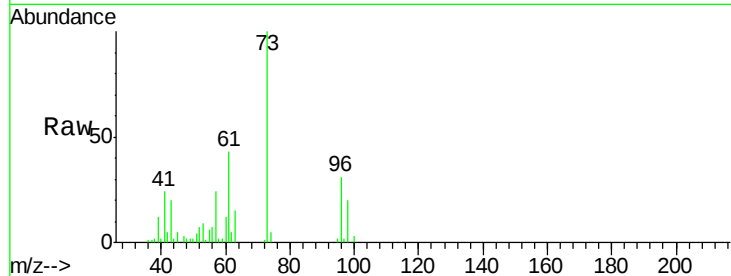
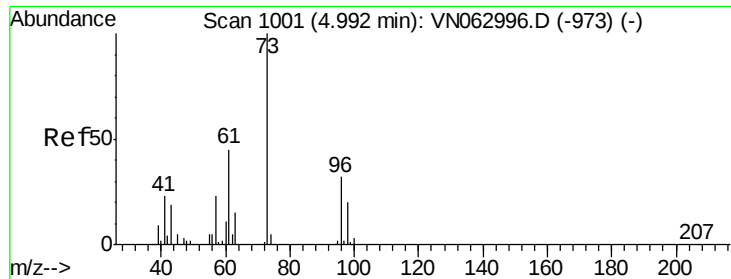
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





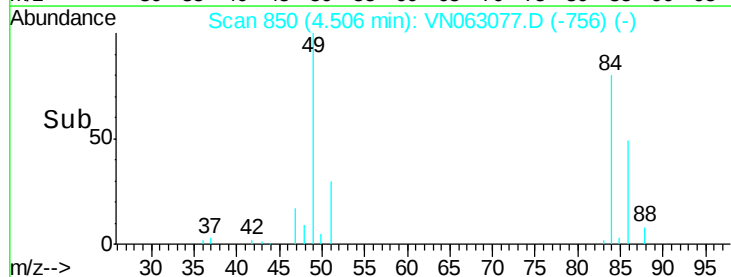
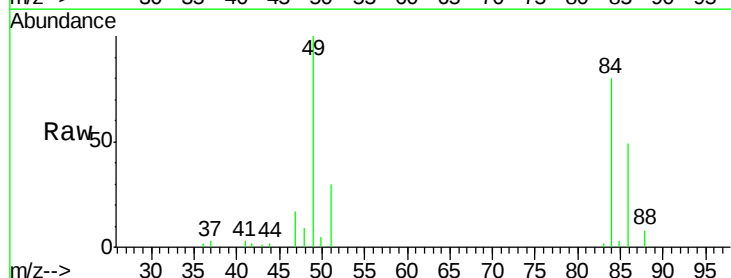
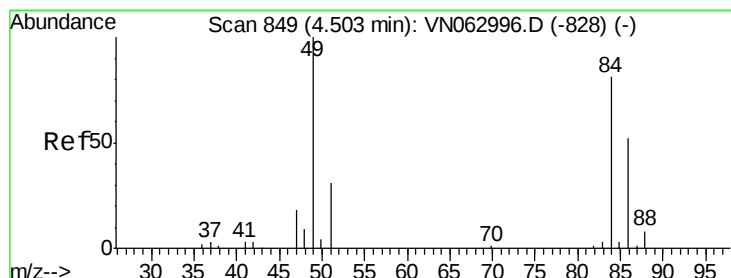
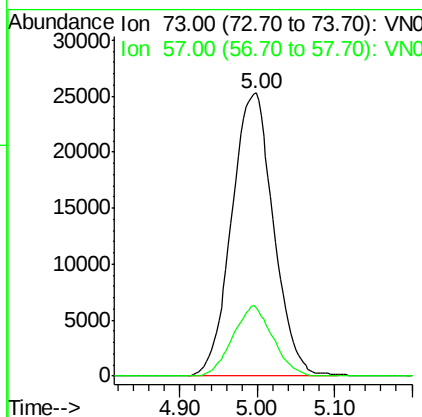
#19
Methyl tert-butyl Ether
Concen: 19.667 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tot Ion: 73 Resp: 95158
Ion Ratio Lower Upper
73 100
57 24.3 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

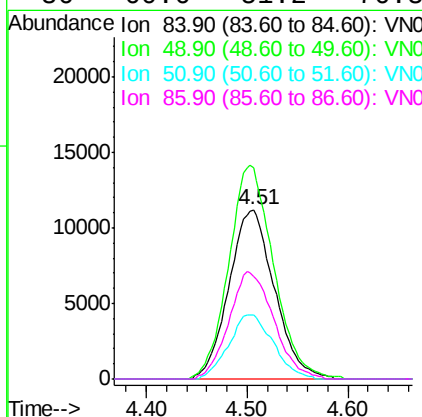
Manual Integrations
APPROVED

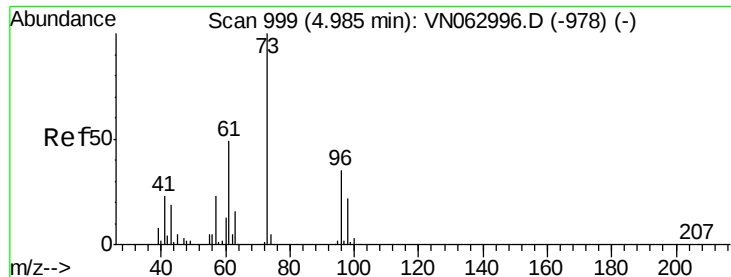
sam
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#20
Methylene Chloride
Concen: 19.741 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 84 Resp: 35096
Ion Ratio Lower Upper
84 100
49 124.5 98.7 148.1
51 37.6 30.8 46.2
86 60.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.479 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

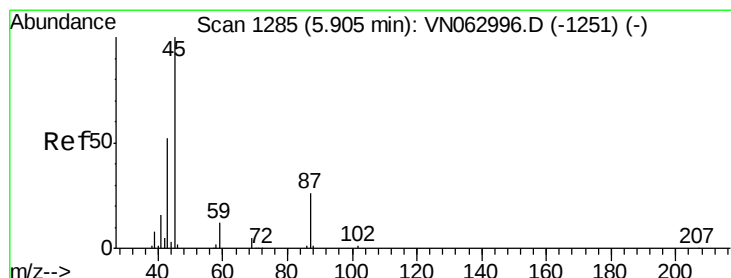
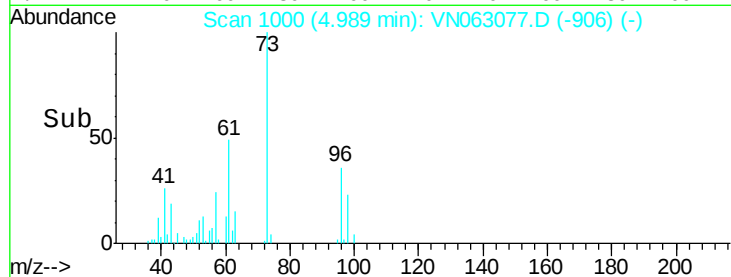
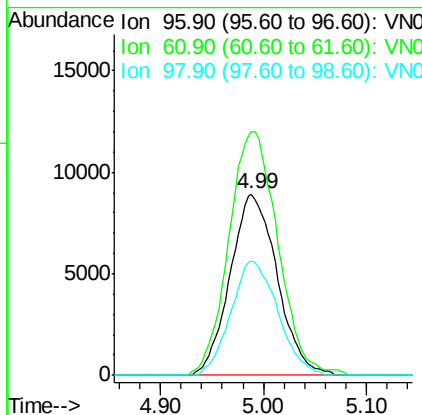
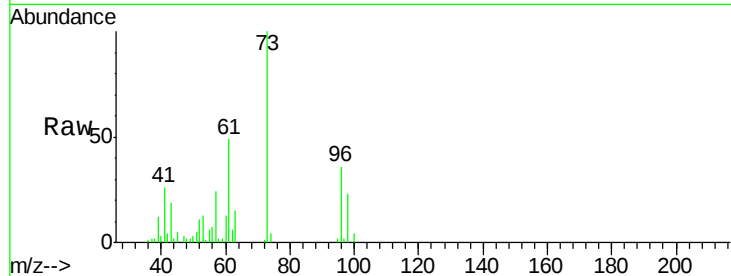
ClientSampleId :

VN0821WBS02

Tot Ion:	96	Resp:	28281
Ion	Ratio	Lower	Upper
96	100		
61	134.3	112.5	168.7
98	63.0	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.939 ug/l

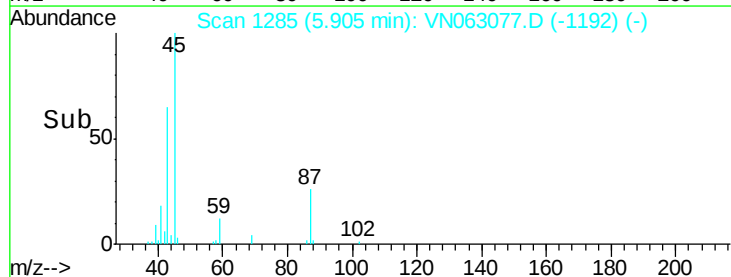
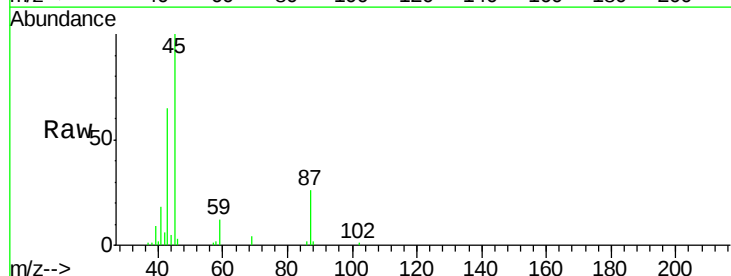
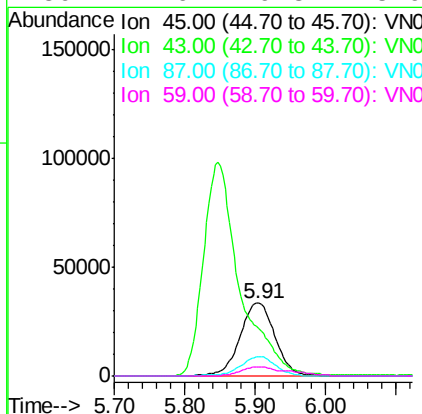
RT: 5.91 min Scan# 1285

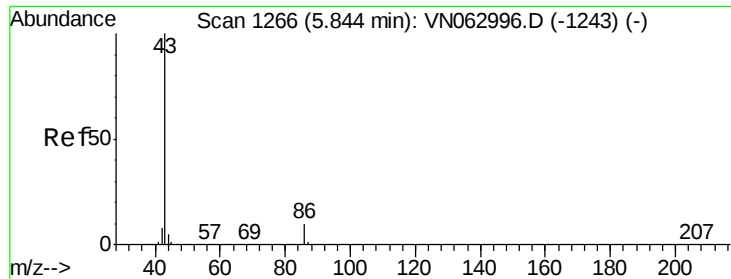
Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	45	Resp:	116235
Ion	Ratio	Lower	Upper
45	100		
43	63.3	45.7	68.5
87	26.4	21.8	32.6
59	11.6	9.3	13.9





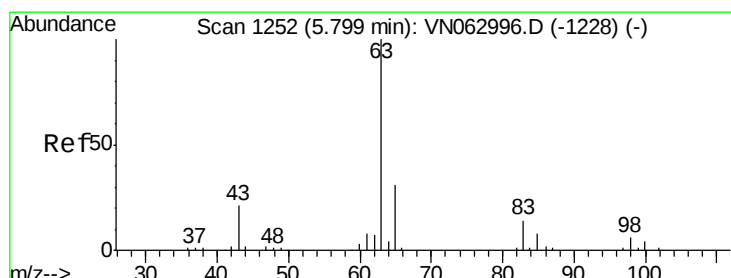
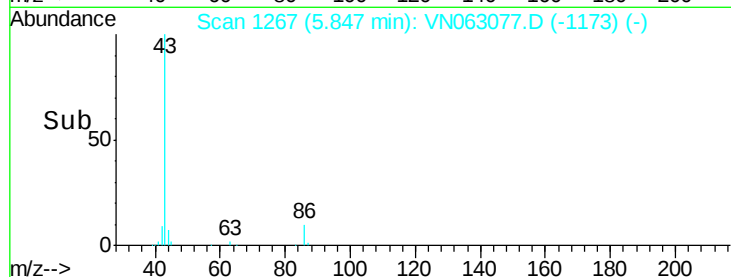
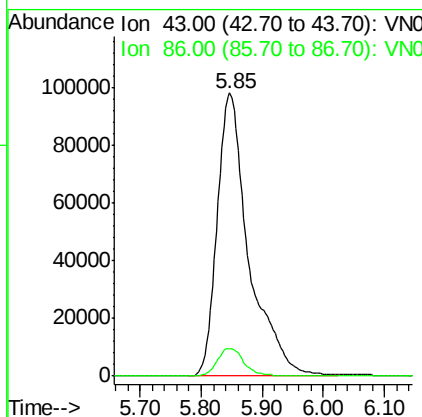
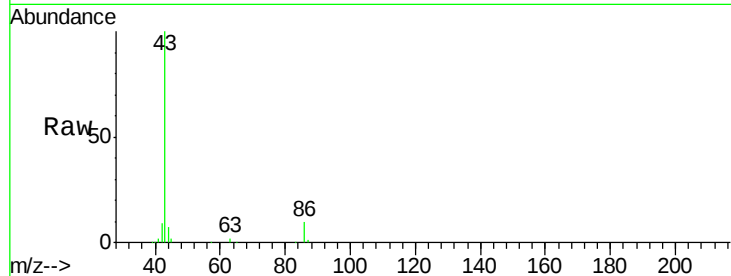
#23
 Vinyl Acetate
 Concen: 94.532 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	354108		
86	9.9		8.0	12.0

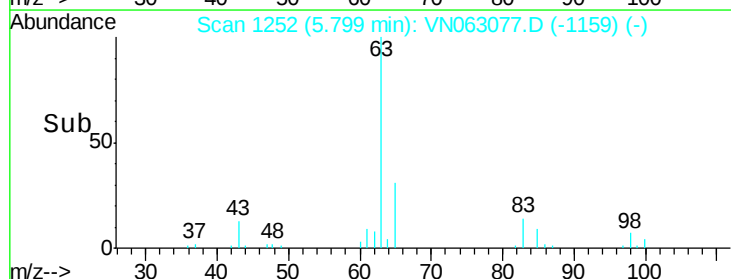
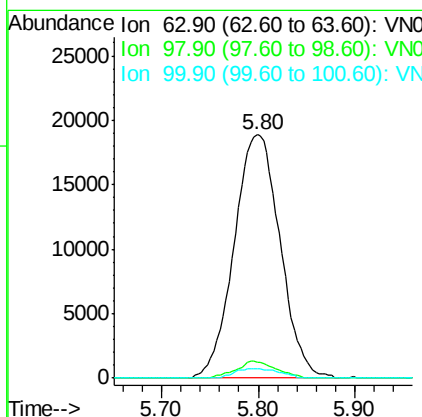
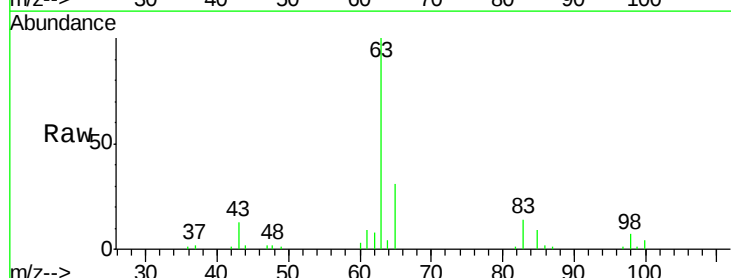
Manual Integrations
 APPROVED

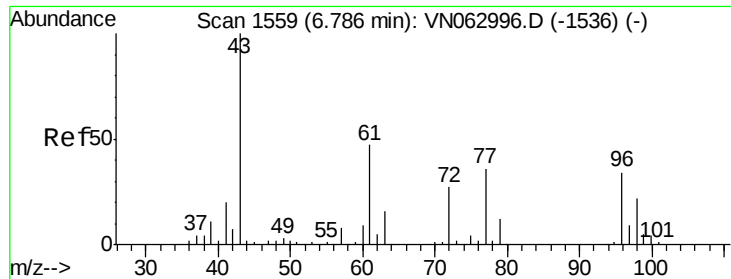
sam
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#24
 1,1-Dichloroethane
 Concen: 20.067 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	62247		
98	6.7		2.9	8.7
100	3.8		2.0	5.8





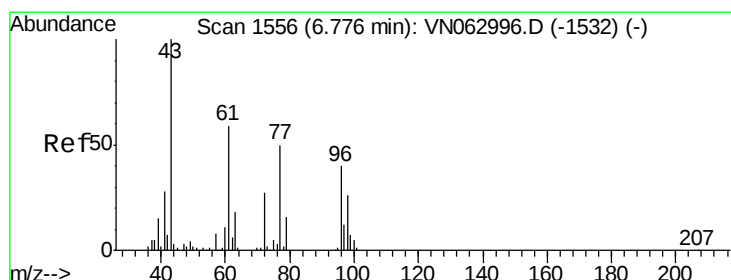
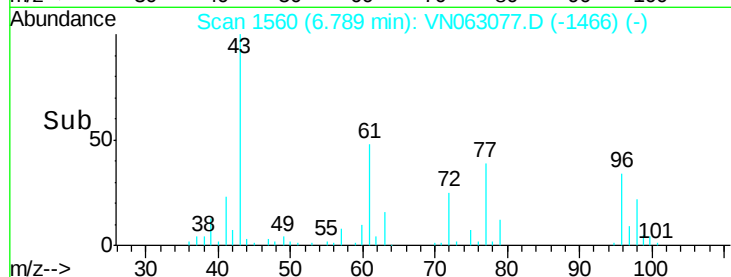
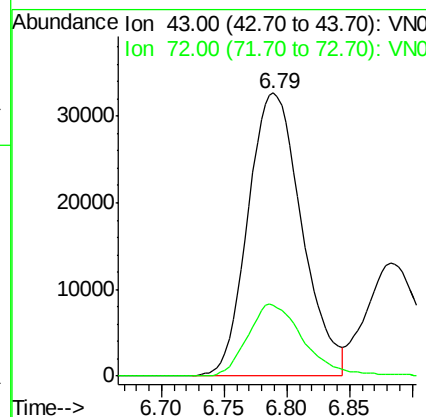
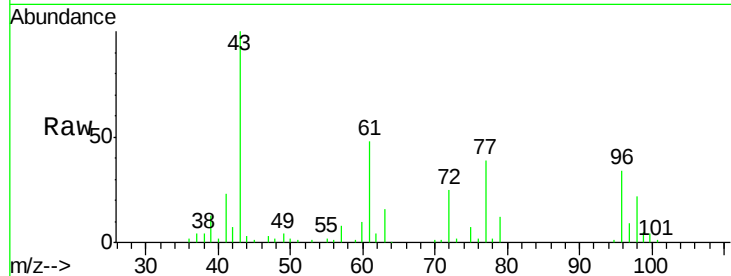
#25
2-Butanone
Concen: 94.773 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

Tot Ion: 43 Resp: 97466
Ion Ratio Lower Upper
43 100
72 25.1 21.8 32.6

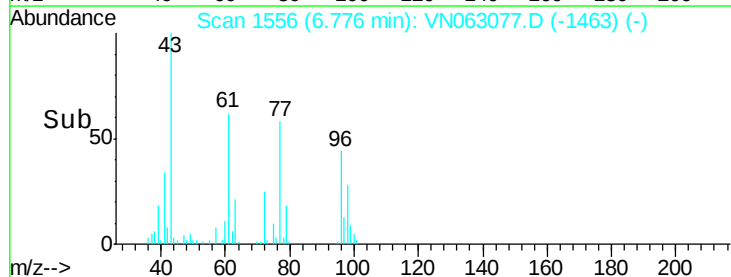
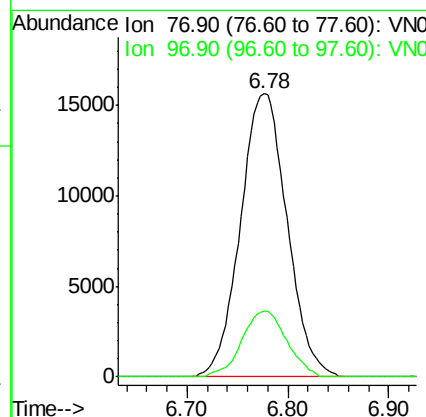
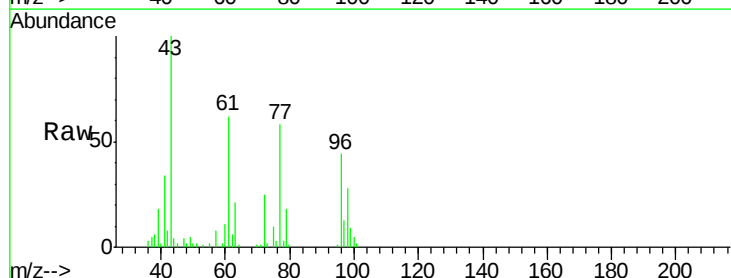
Manual Integrations
APPROVED

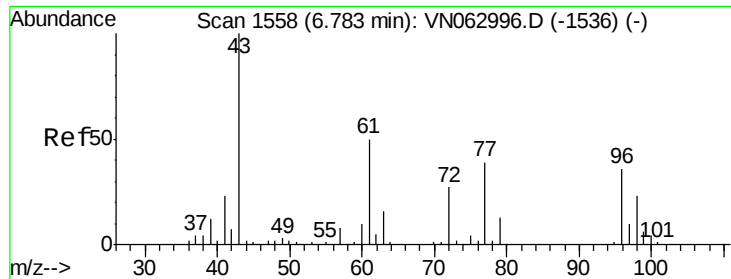
sam
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#26
2,2-Dichloropropane
Concen: 20.543 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 77 Resp: 50115
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.312 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

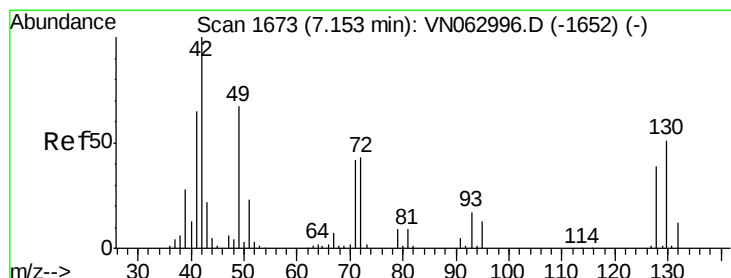
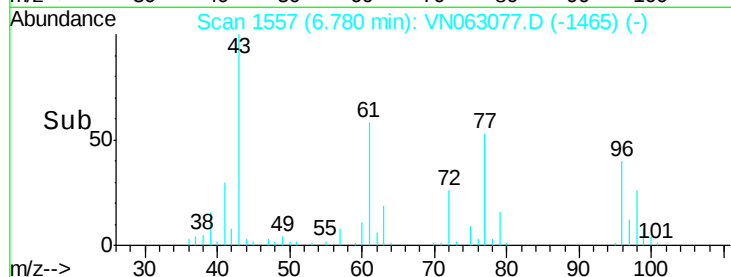
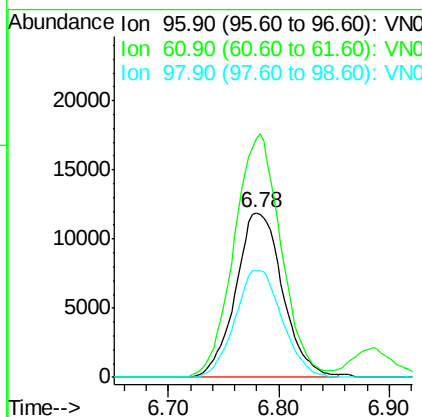
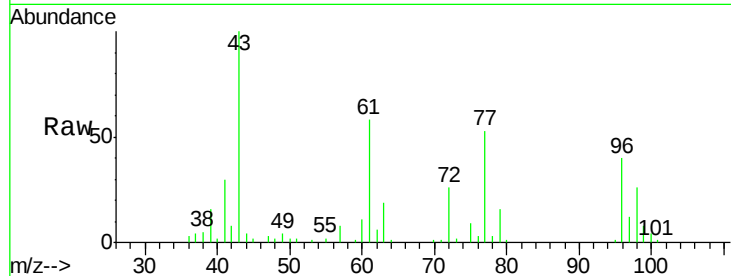
ClientSampleId :

VN0821WBS02

Tot Ion:	96	Resp:	35144
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	292.8
98	65.1	0.0	130.6

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 19.195 ug/l

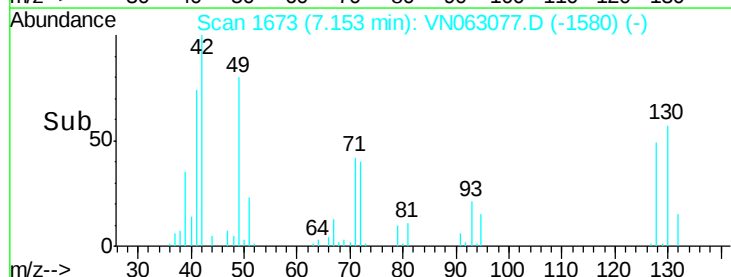
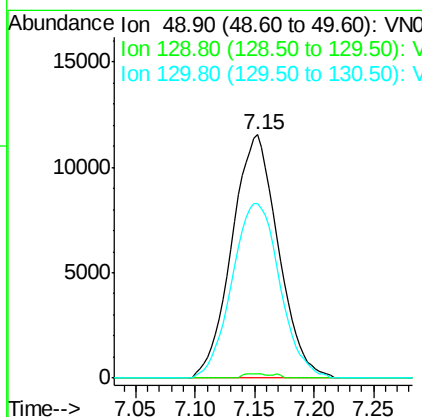
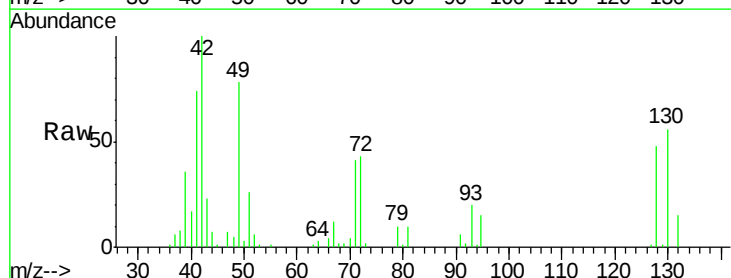
RT: 7.15 min Scan# 1673

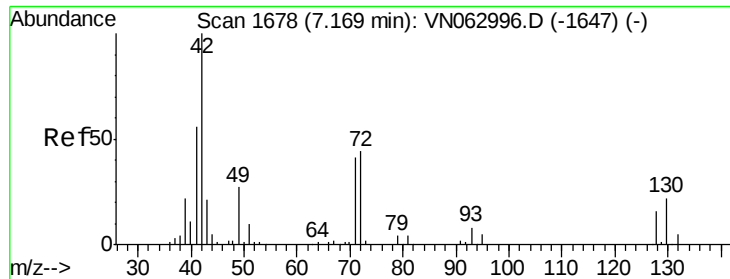
Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	49	Resp:	31154
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.6
130	74.1	61.1	91.7





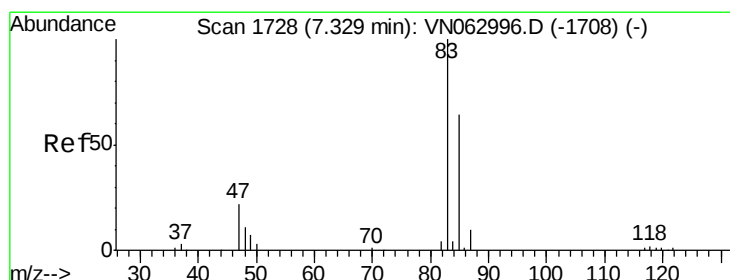
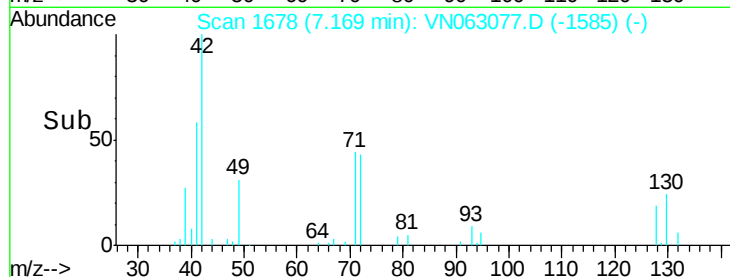
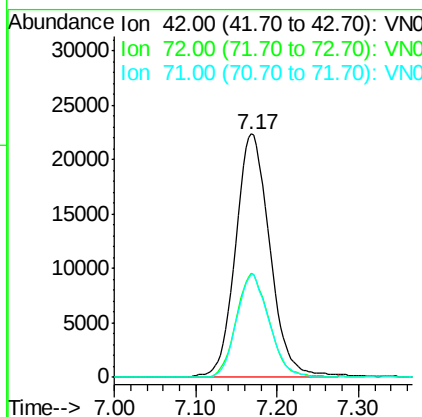
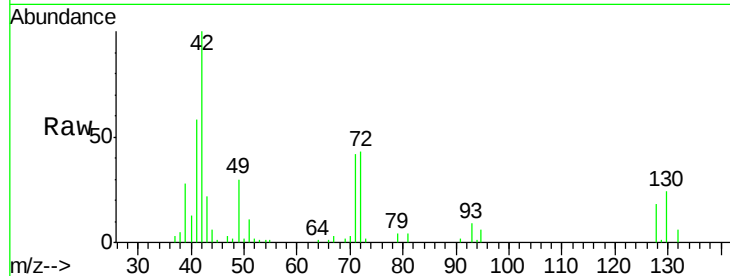
#29
Tetrahydrofuran
Concen: 98.312 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	34.6	52.0
71	39.8	32.3	48.5

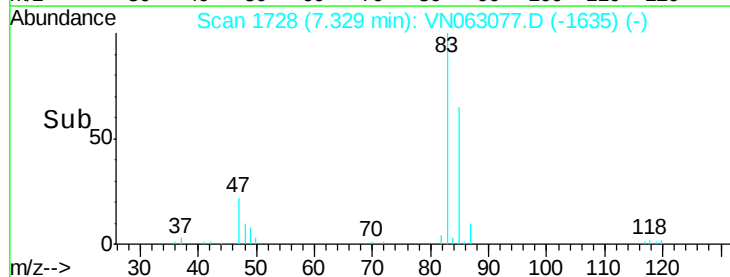
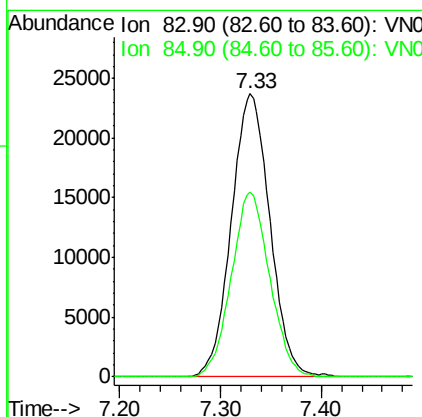
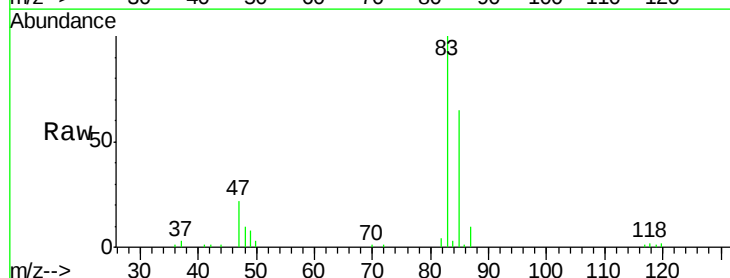
Manual Integrations
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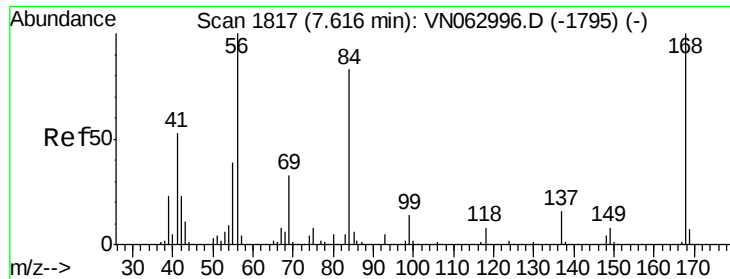
sam
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#30
Chloroform
Concen: 20.109 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





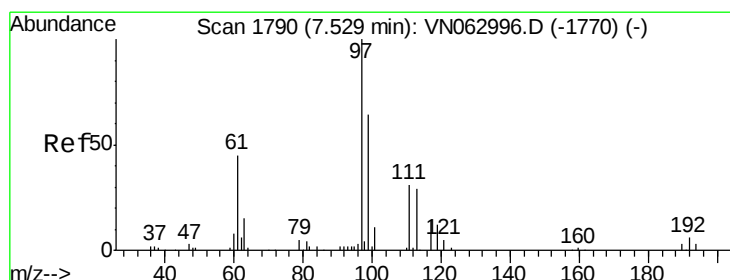
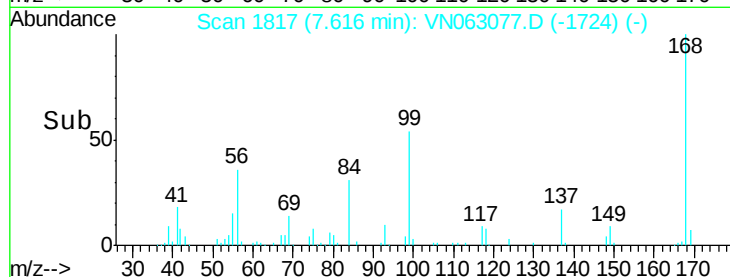
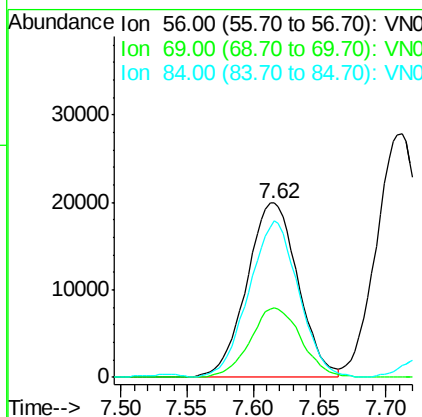
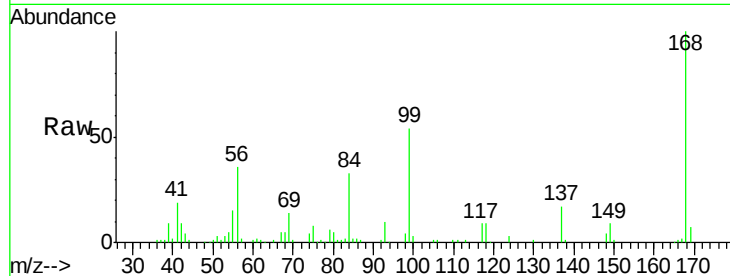
#31
Cyclohexane
Concen: 18.823 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

Tot Ion:	56	Resp:	53740
Ion Ratio	Lower	Upper	
56	100		
69	39.9	26.6	40.0
84	89.5	66.4	99.6

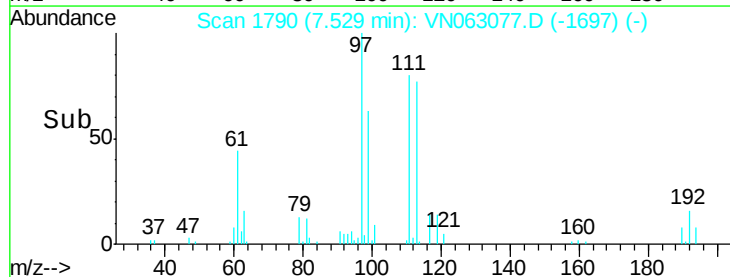
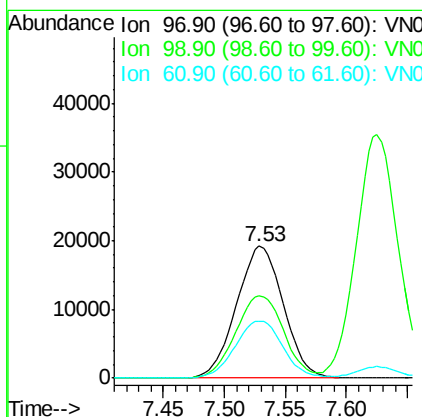
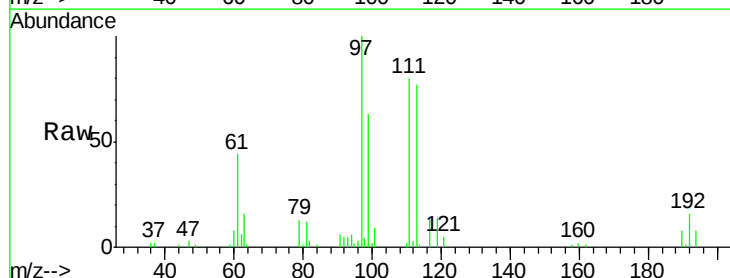
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 19.974 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:	97	Resp:	50943
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.0	78.0
61	44.2	36.2	54.4





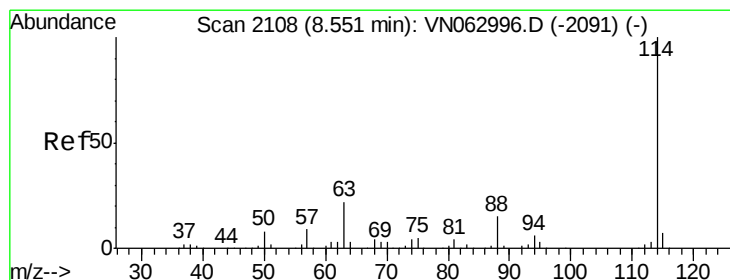
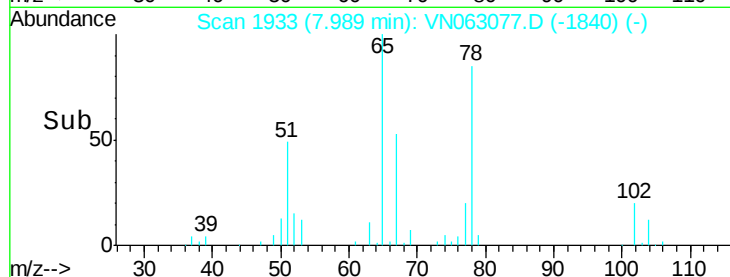
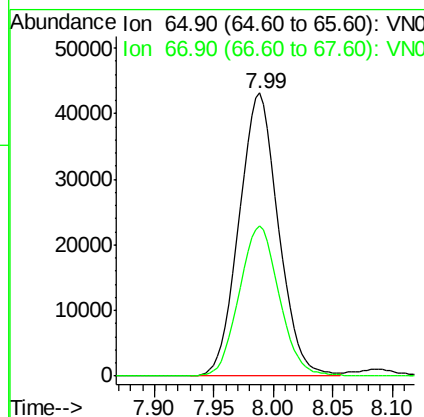
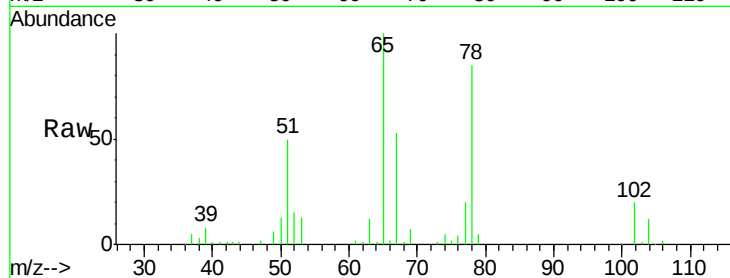
#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	112.0	

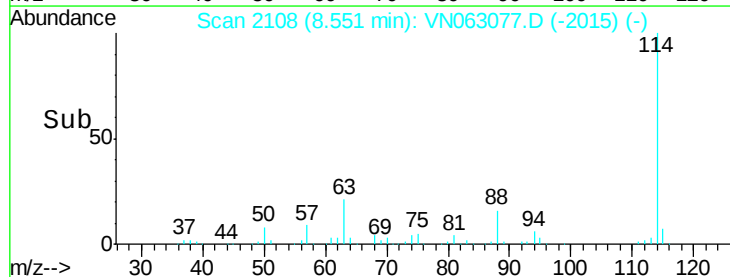
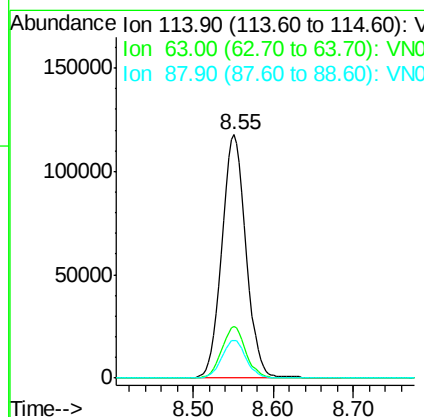
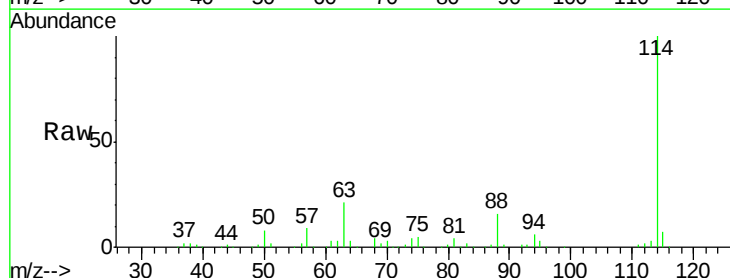
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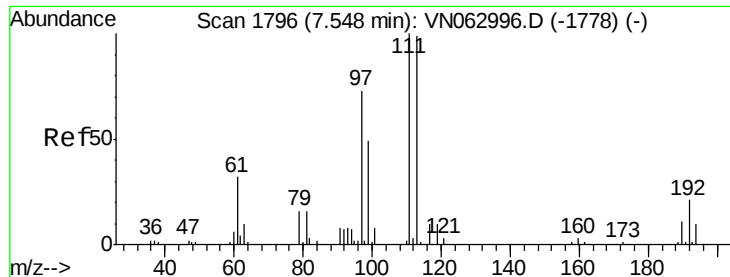
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.2	0.0	43.2	
88	15.6	0.0	30.6	





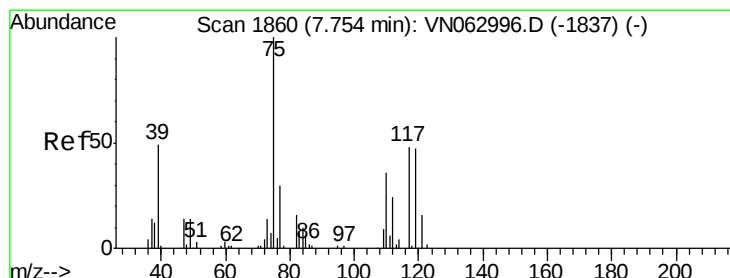
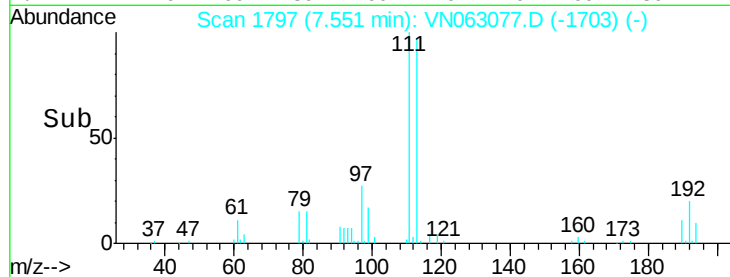
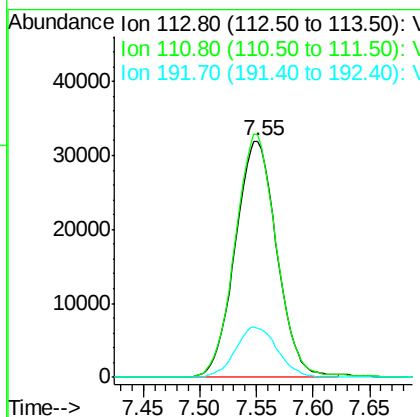
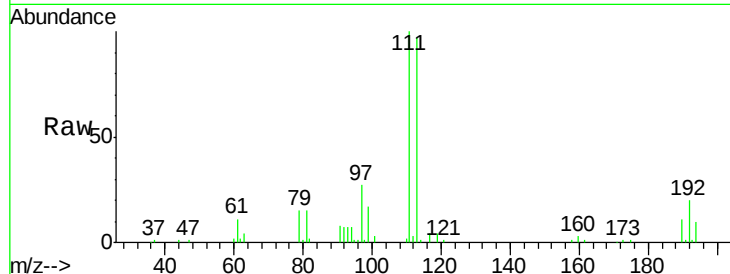
#35
 Dibromofluoromethane
 Concen: 51.092 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	81.7	122.5	
192	21.5	17.5	26.3	

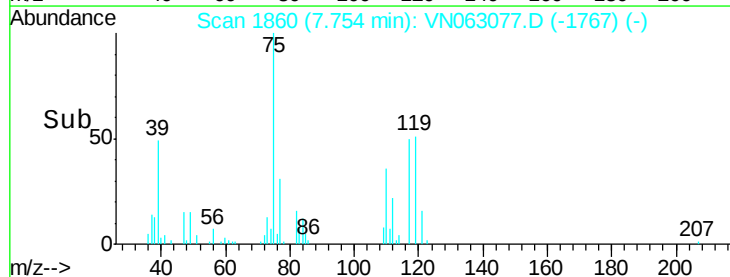
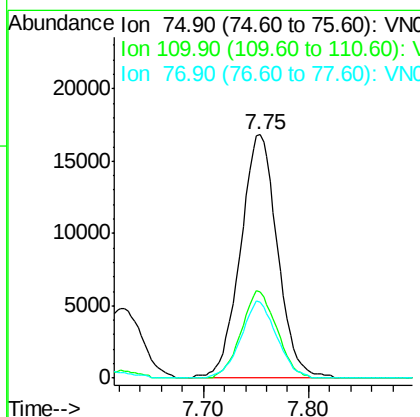
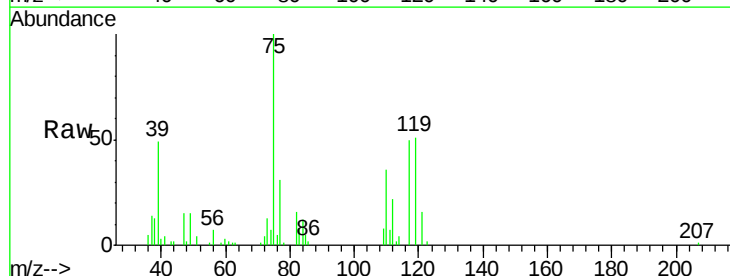
Manual Integrations
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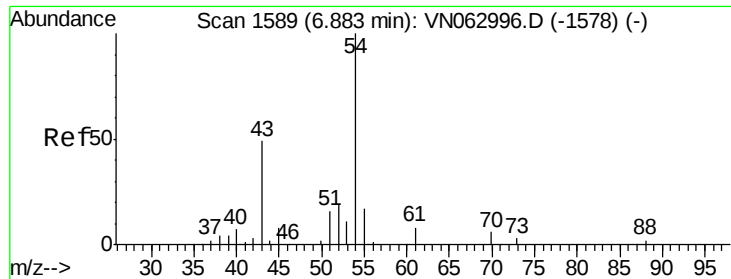
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#36
 1,1-Dichloropropene
 Concen: 18.958 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.2	17.5	52.6	
77	30.6	24.2	36.4	





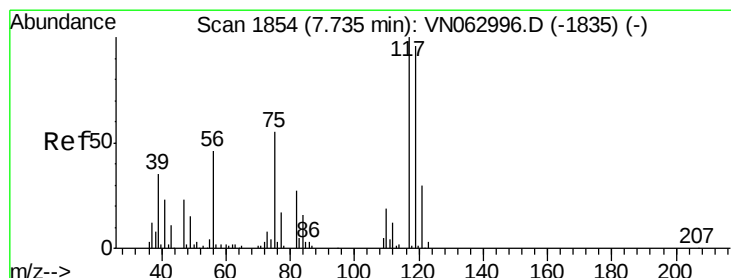
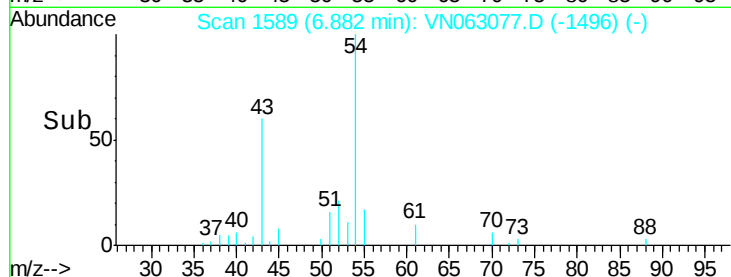
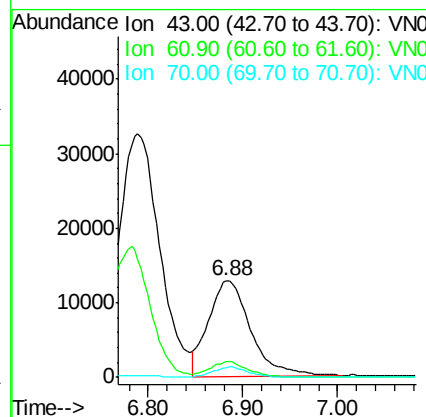
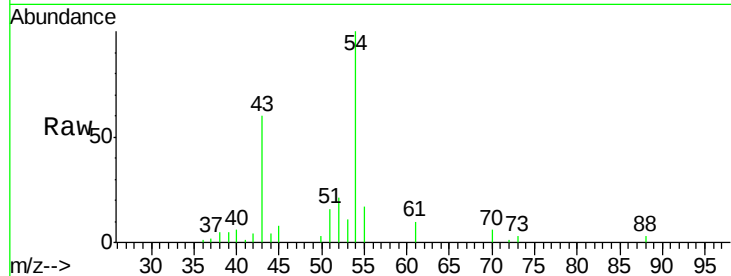
#37
Ethyl Acetate
Concen: 19.635 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	43	61	70	Ratio	Lower	Upper
39850	100	14.6	9.0		11.8	17.8
					8.2	12.2

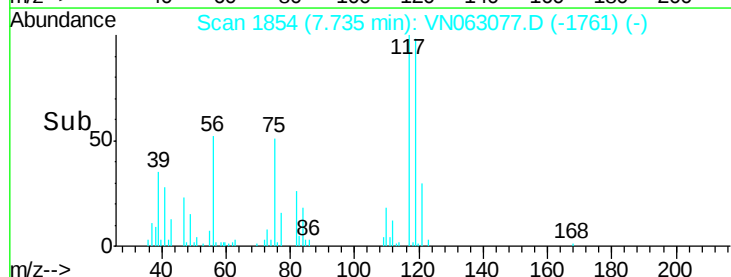
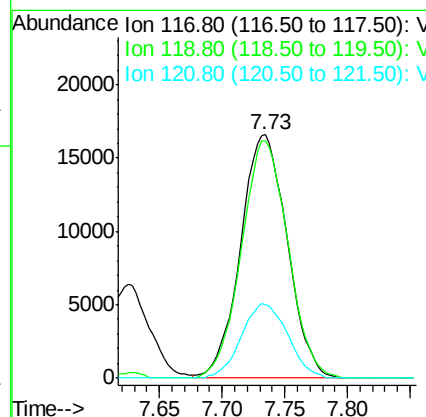
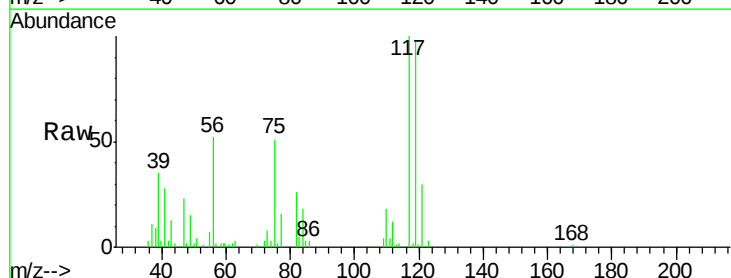
Manual Integrations
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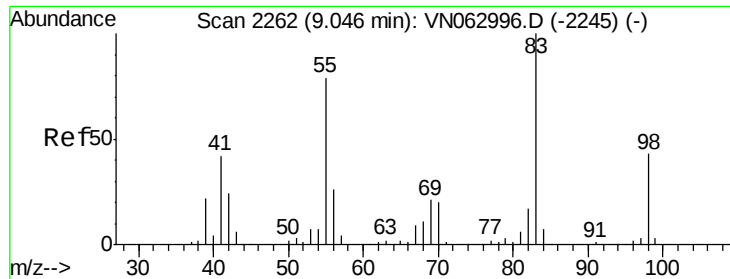
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#38
Carbon Tetrachloride
Concen: 19.632 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	117	119	121	Ratio	Lower	Upper
42930	100	97.6	30.4		76.2	114.4
					24.2	36.2





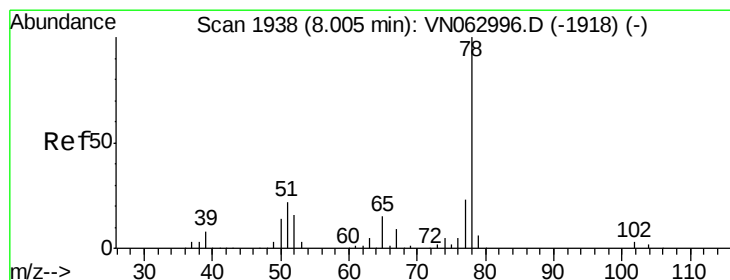
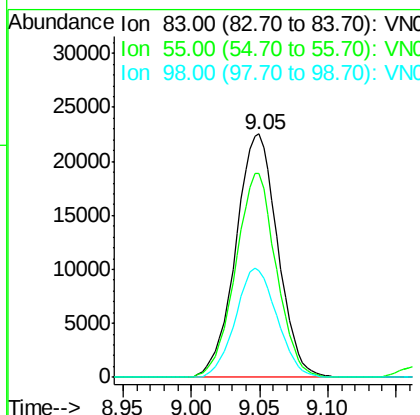
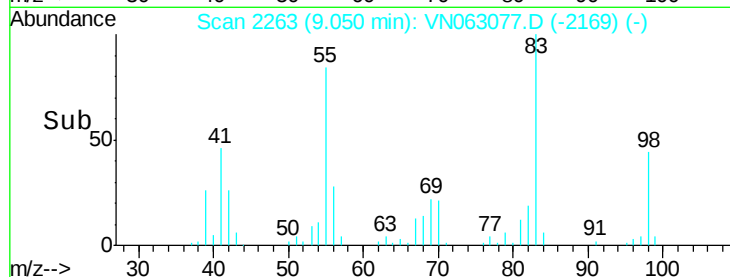
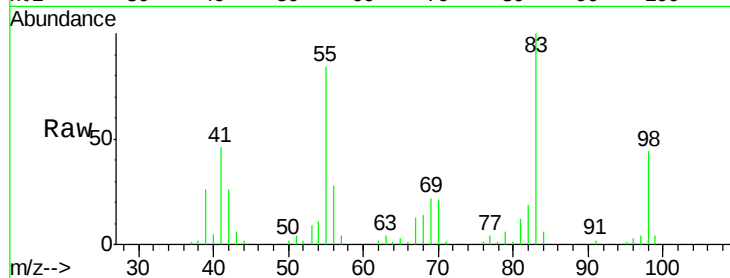
#39
Methvlcvclohexane
Concen: 17.490 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.6	63.3	94.9
98	44.0	34.2	51.4

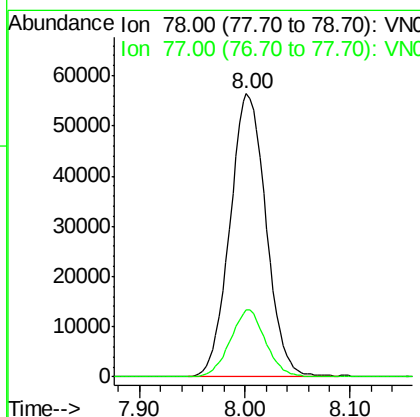
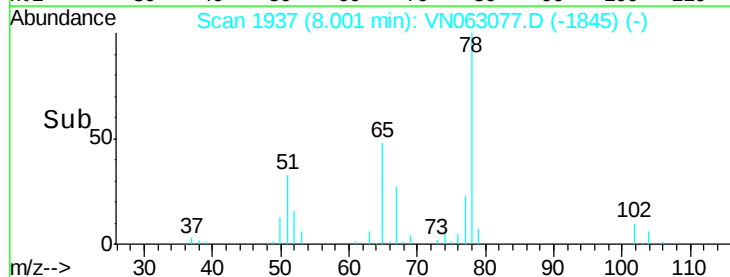
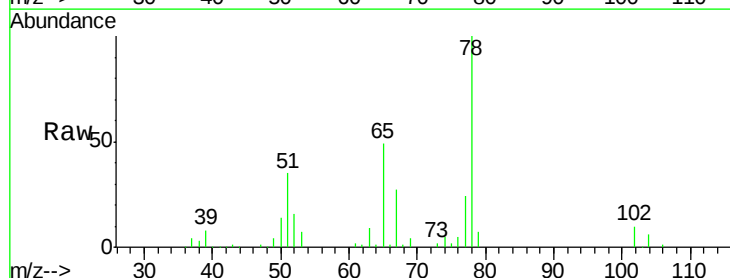
Manual Integrations
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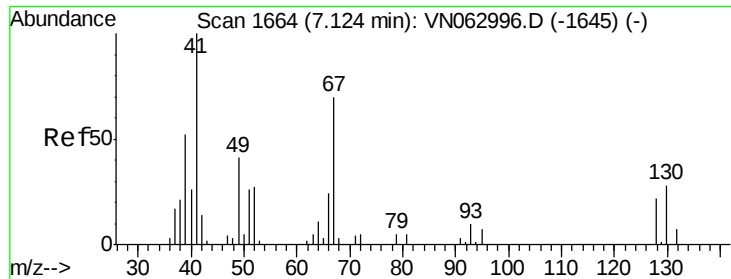
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#40
Benzene
Concen: 19.561 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





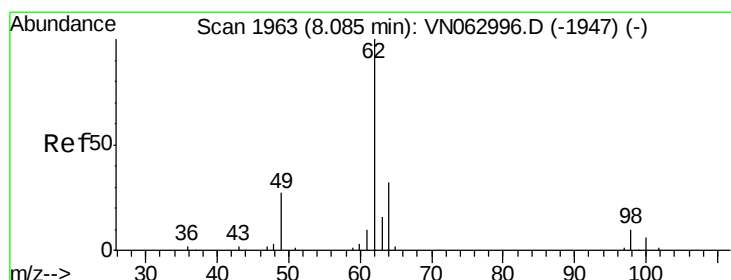
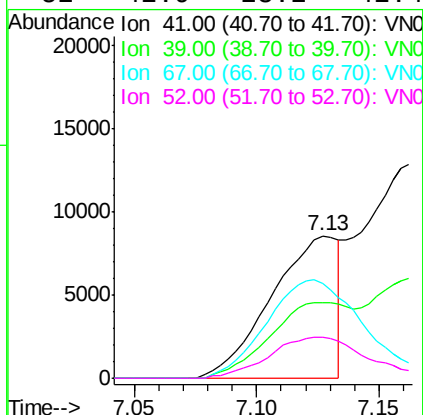
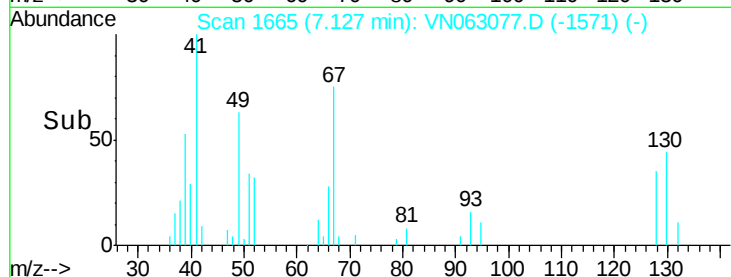
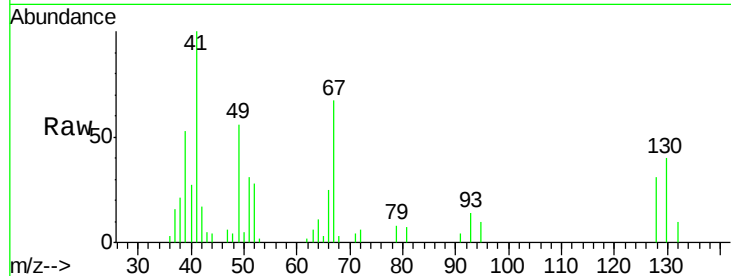
#41
Methacrylonitrile
Concen: 16.810 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.2	41.6	62.4#
67	101.9	71.8	107.8
52	42.9	28.2	42.4#

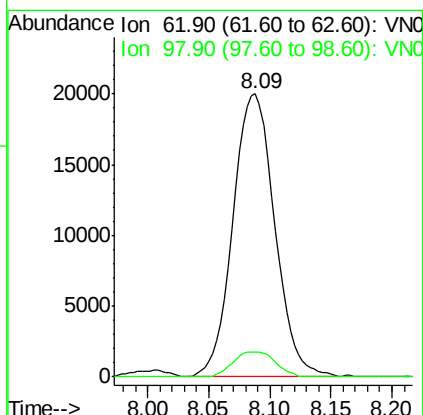
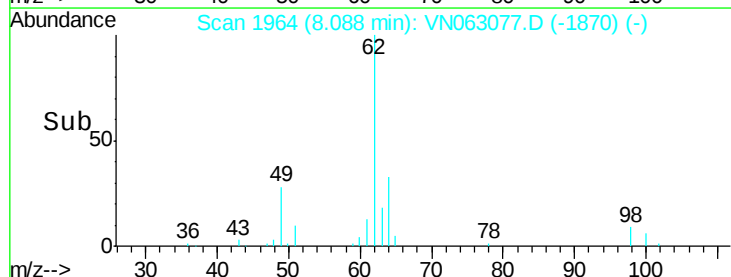
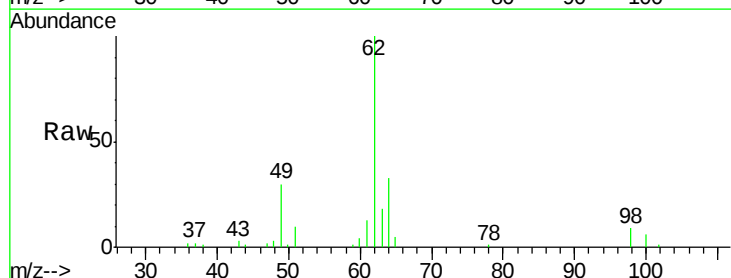
Manual Integrations
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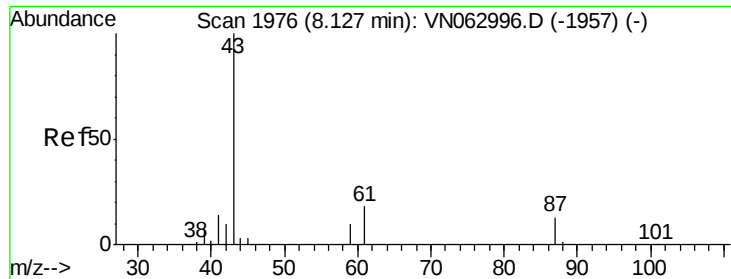
sam
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#42
1,2-Dichloroethane
Concen: 20.610 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.3	0.0	18.4





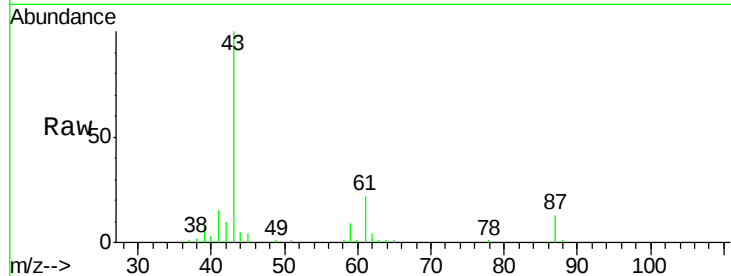
#43
Isopropyl Acetate
Concen: 19.285 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

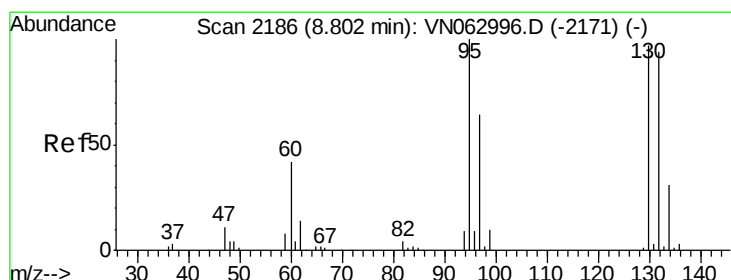
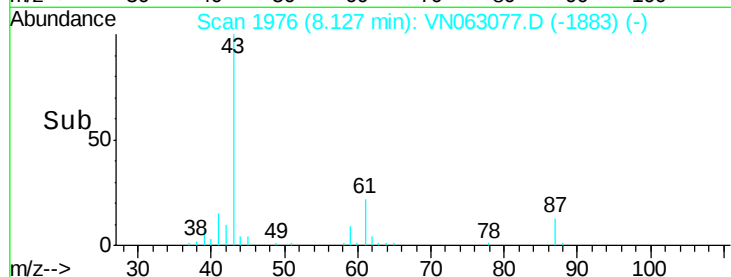
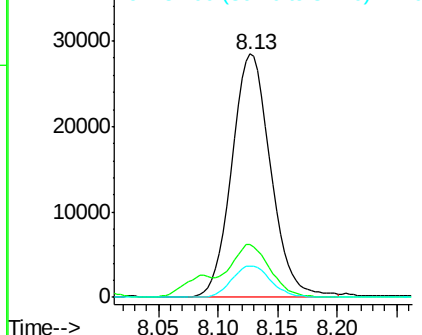
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	22.6	33.8#
87	12.7	10.5	15.7

Manual Integrations
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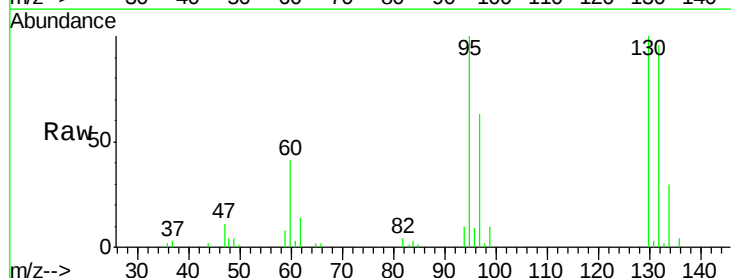


Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

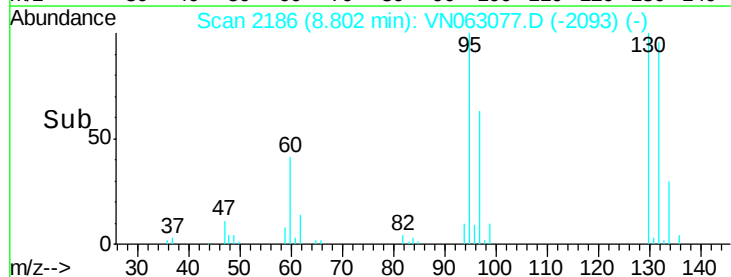
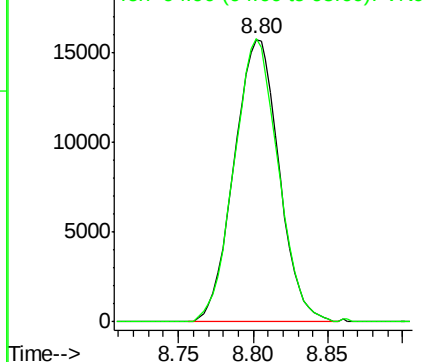


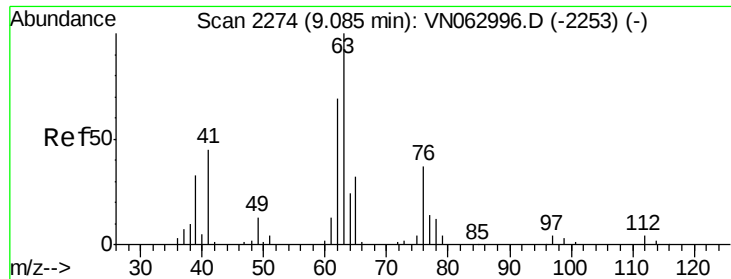
#44
Trichloroethene
Concen: 19.167 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)





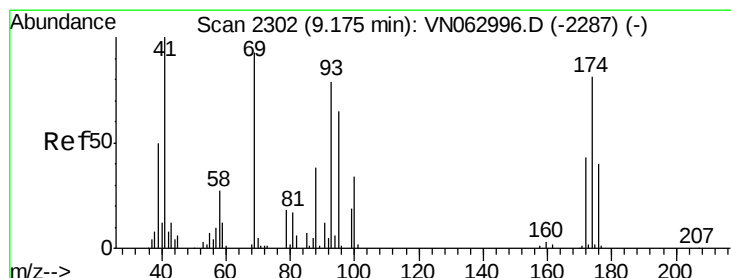
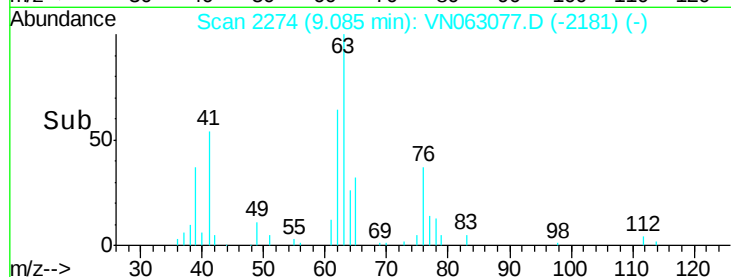
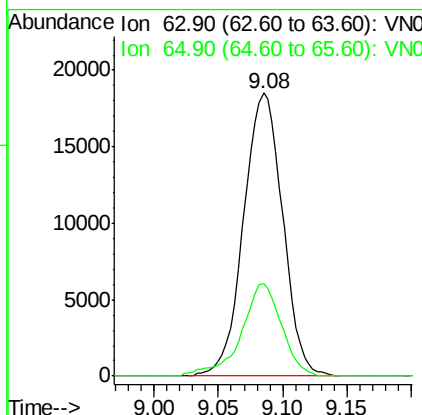
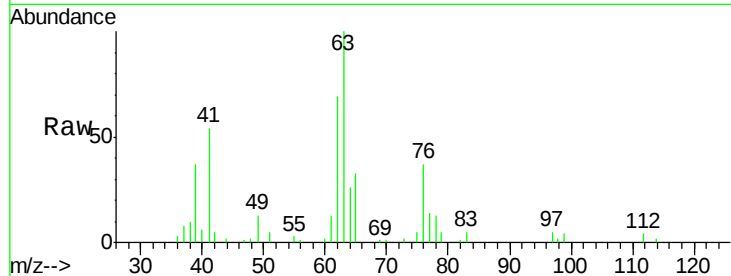
#45
 1,2-Dichloropropane
 Concen: 19.718 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS02

Tot Ion: 63 Resp: 39155
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.6 38.4

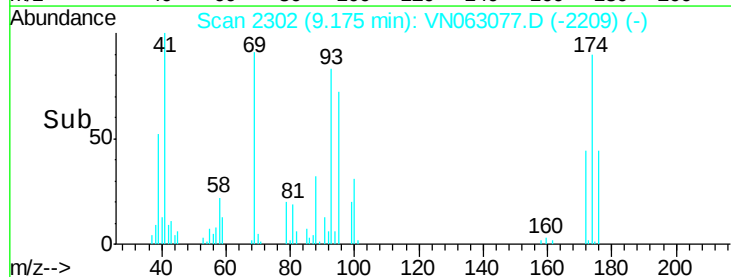
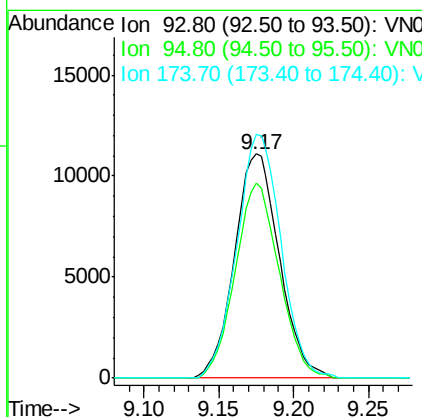
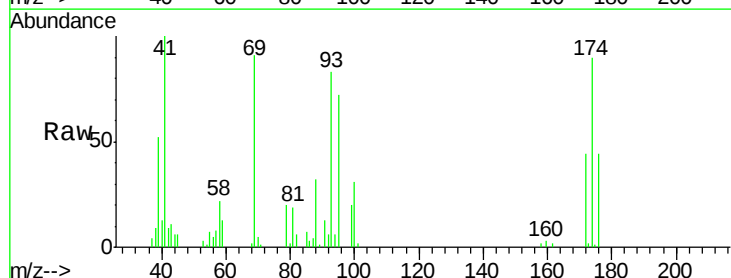
Manual Integrations
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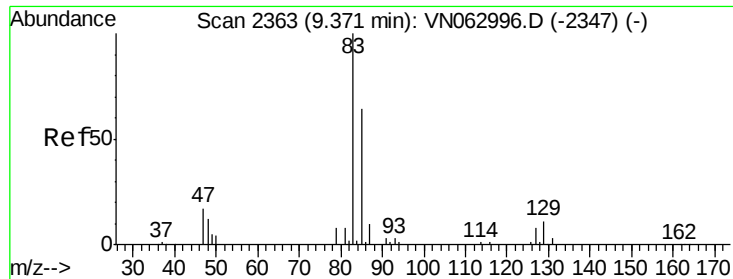
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#46
 Dibromomethane
 Concen: 20.204 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 93 Resp: 23178
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.2 99.4
 174 107.1 84.6 127.0





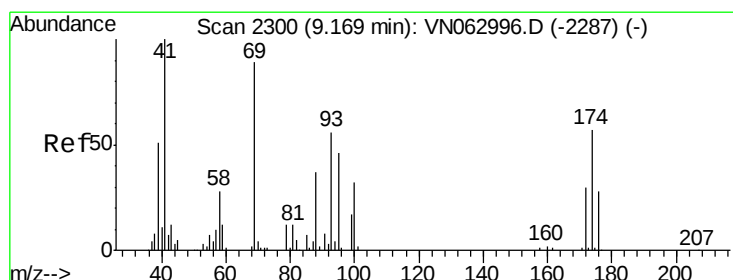
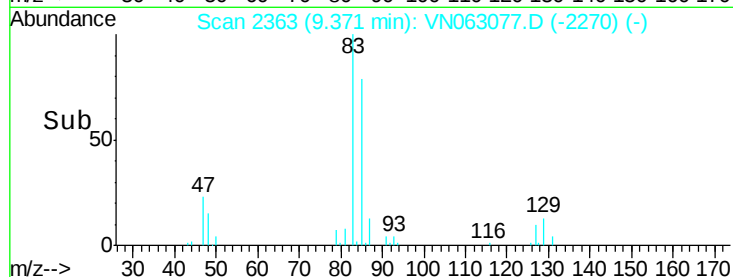
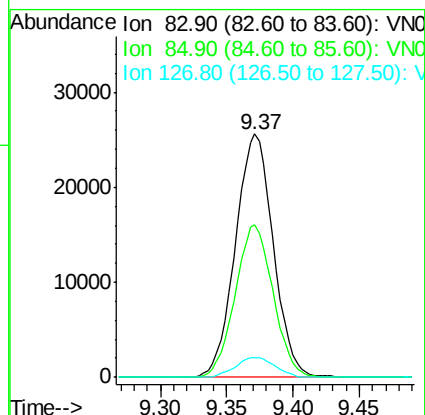
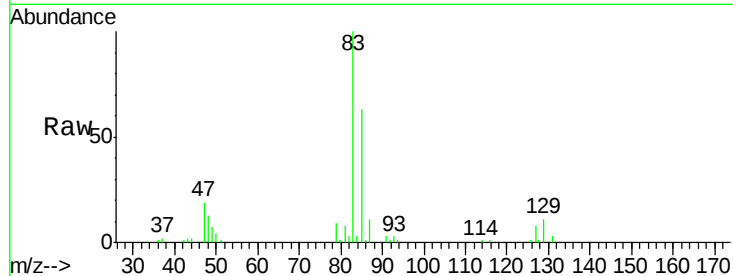
#47
Bromodichloromethane
Concen: 20.174 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion:	83	Resp:	50689
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.1	76.7
127	8.2	6.6	9.8

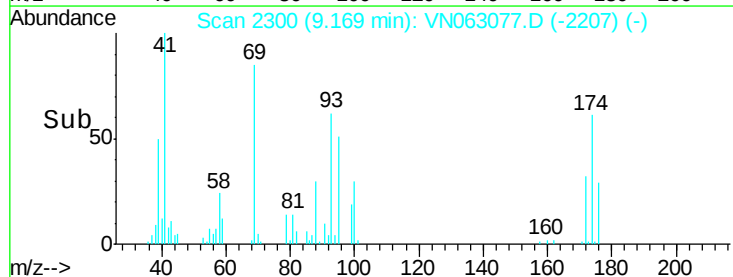
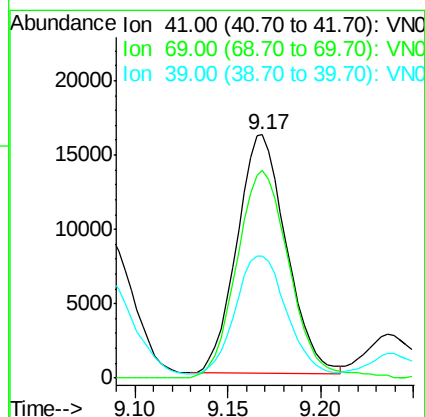
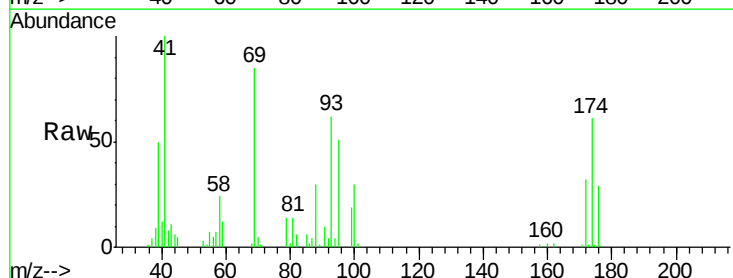
Manual Integrations
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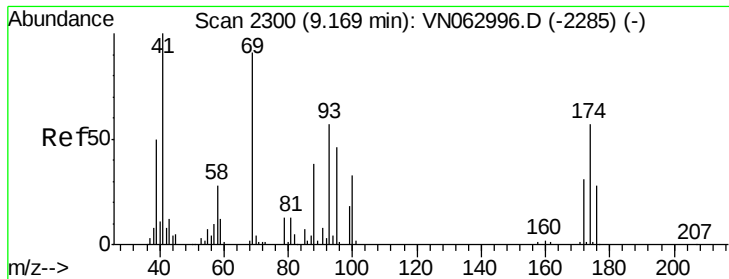
sam
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#48
Methyl methacrylate
Concen: 18.668 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:	41	Resp:	29699
Ion	Ratio	Lower	Upper
41	100		
69	92.8	74.2	111.4
39	55.1	42.5	63.7





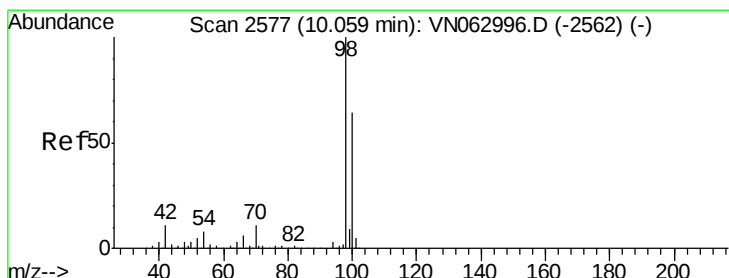
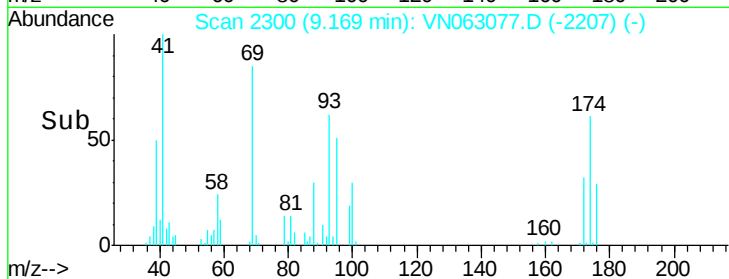
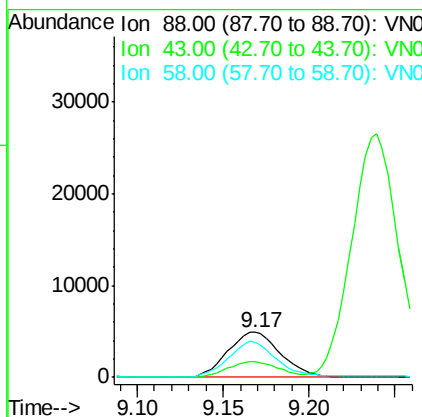
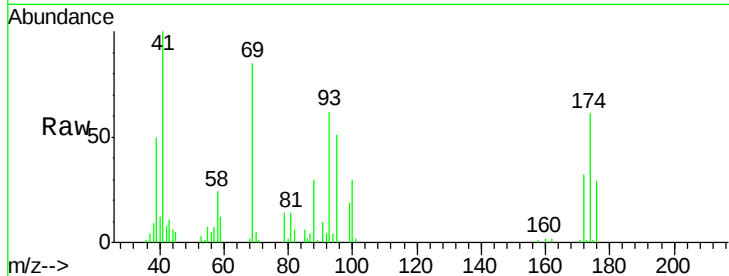
#49
 1,4-Dioxane
 Concen: 308.158 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	88	Resp	10412
Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.2	37.8
58	74.1	56.7	85.1

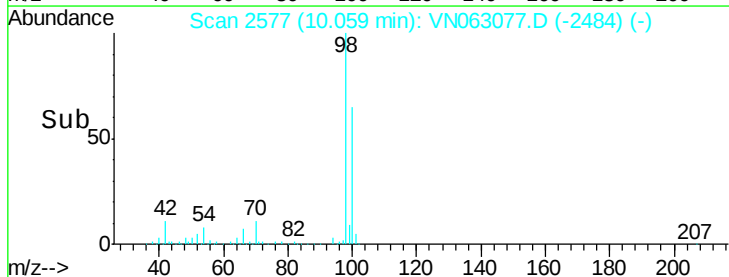
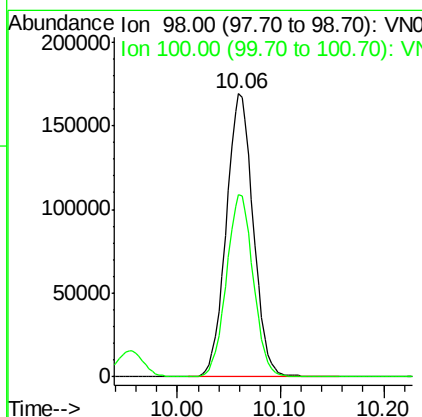
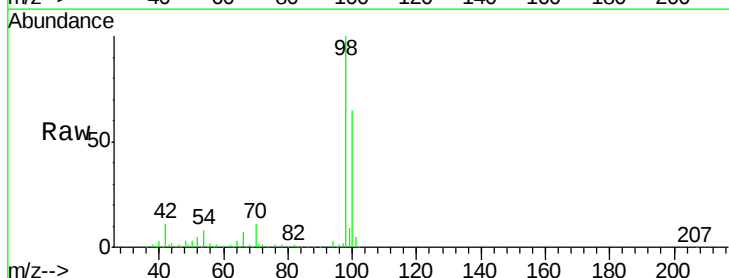
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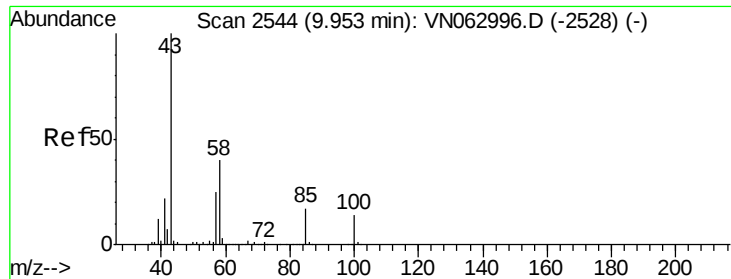
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#50
 Toluene-d8
 Concen: 50.223 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	98	Resp	308953
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 98.476 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 43 Resp: 209293

Ion Ratio Lower Upper

43 100

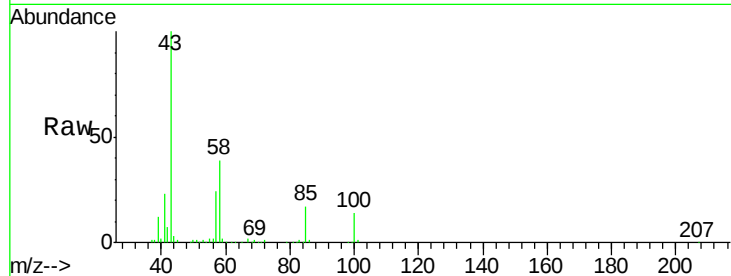
58 39.2 32.2 48.2

Manual Integrations

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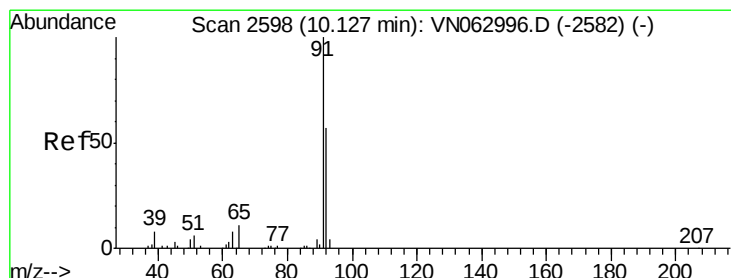
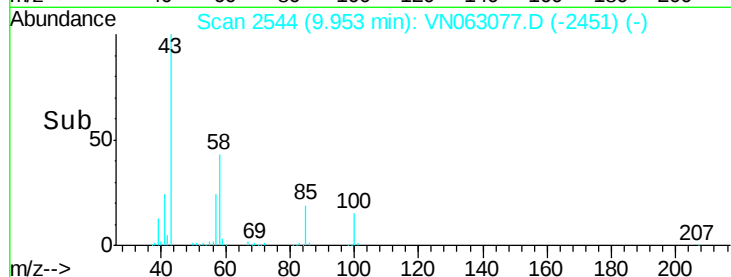
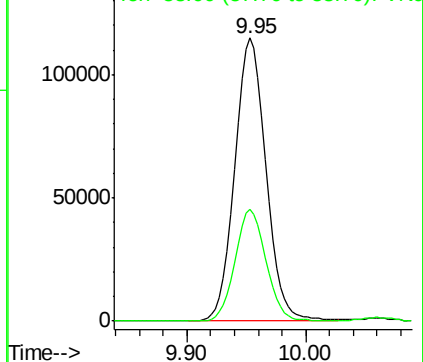
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.786 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063077.D

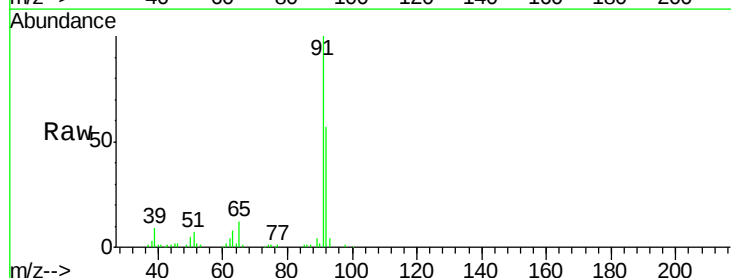
Acq: 21 Aug 2020 13:48

Tgt Ion: 92 Resp: 81994

Ion Ratio Lower Upper

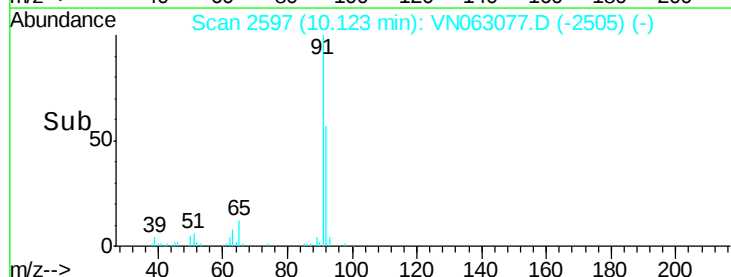
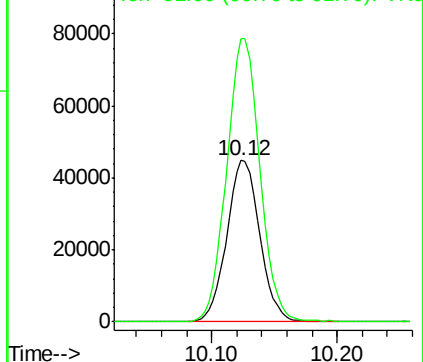
92 100

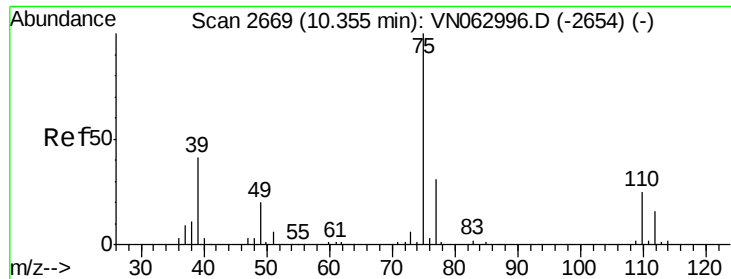
91 176.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





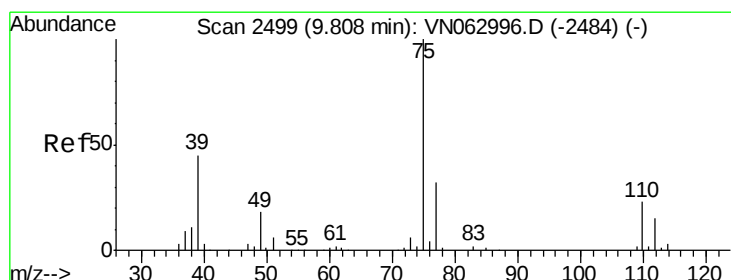
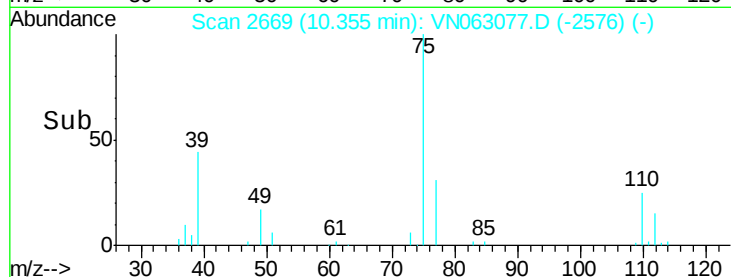
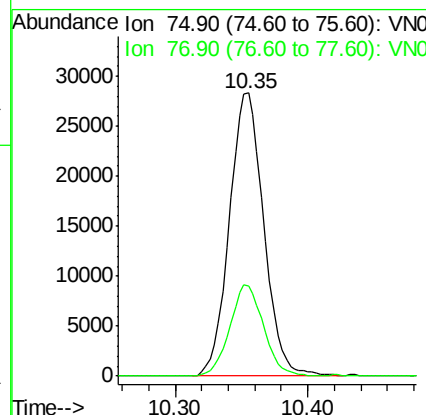
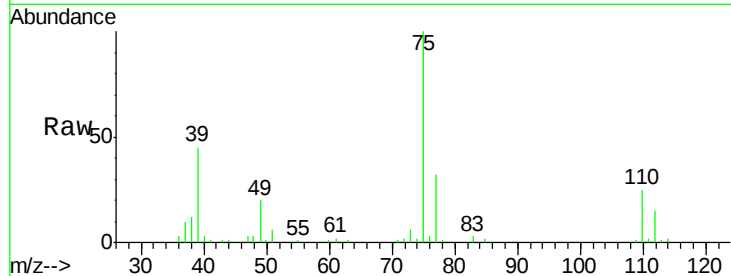
#53
 t-1,3-Dichloropropene
 Concen: 19.628 ug/l
 RT: 10.35 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion: 75 Resp: 50999
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0

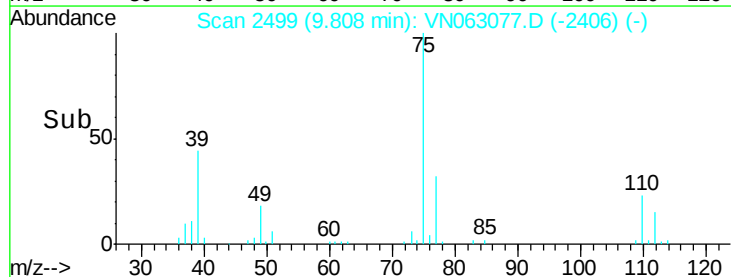
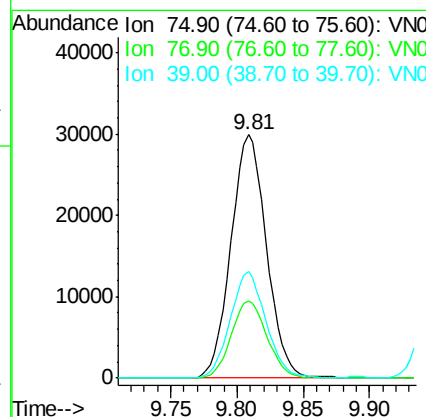
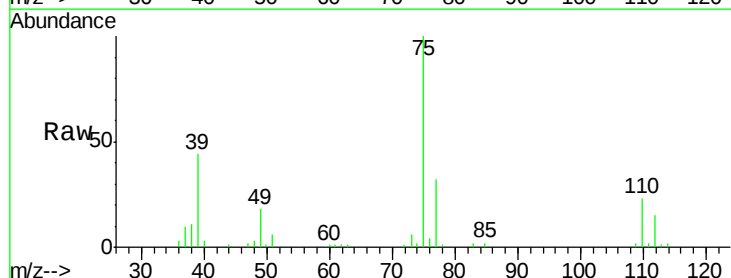
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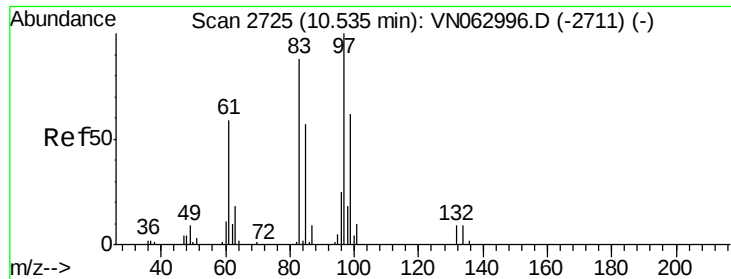
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#54
 cis-1,3-Dichloropropene
 Concen: 19.554 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 75 Resp: 55734
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 43.6 35.7 53.5





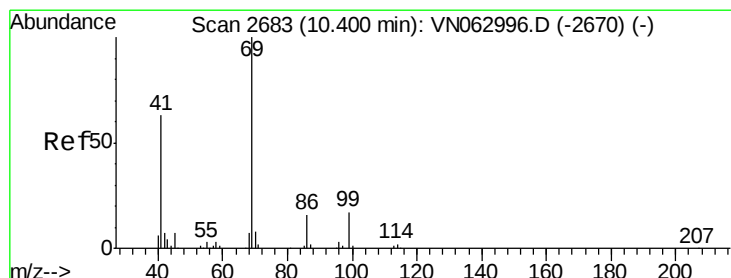
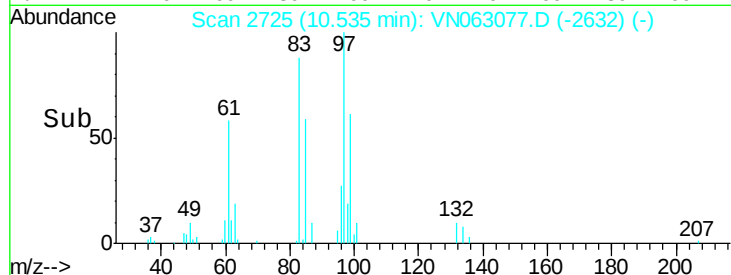
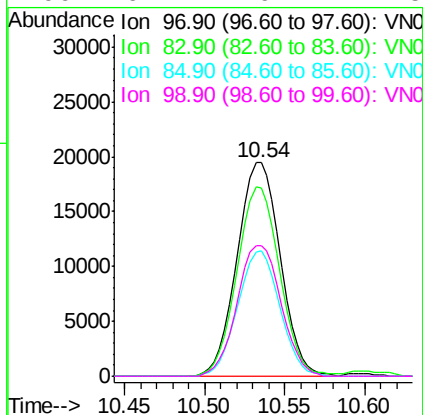
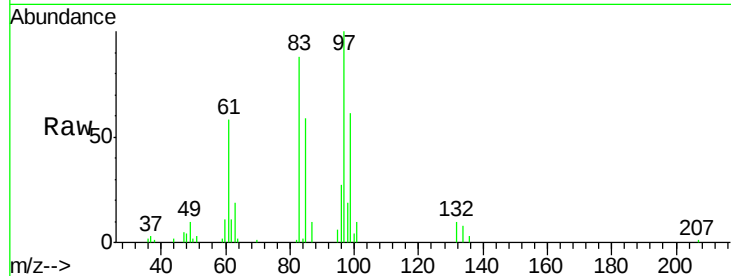
#55
 1,1,2-Trichloroethane
 Concen: 20.254 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion:	97	Resp:	35890
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	58.5	45.8	68.6
99	61.2	49.7	74.5

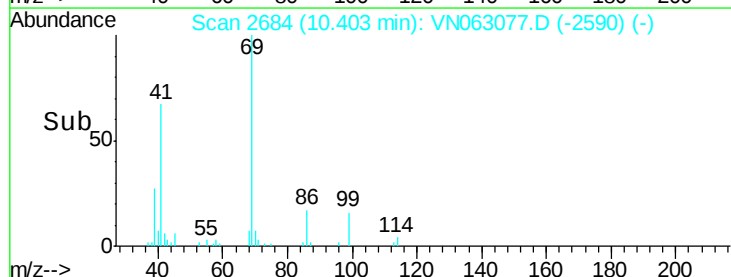
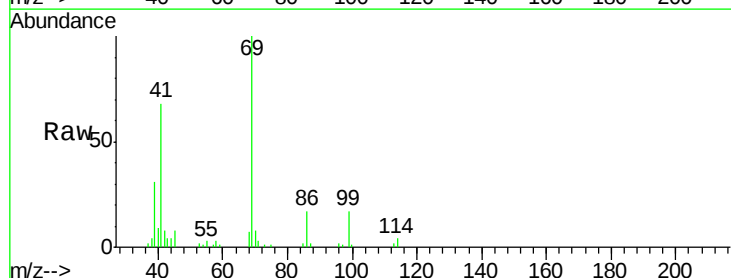
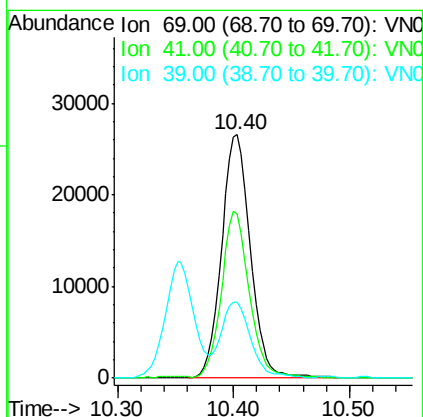
Manual Integrations
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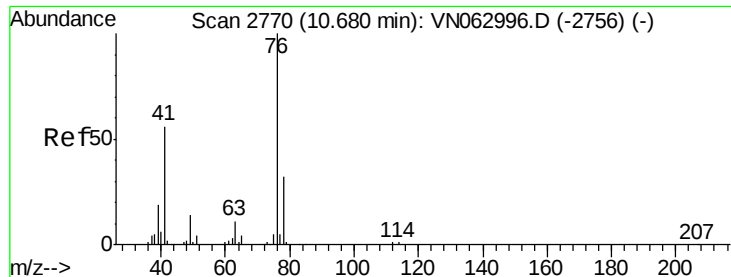
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#56
 Ethyl methacrylate
 Concen: 17.957 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion:	69	Resp:	45980
Ion	Ratio	Lower	Upper
69	100		
41	66.8	50.2	75.2
39	32.2	24.2	36.4





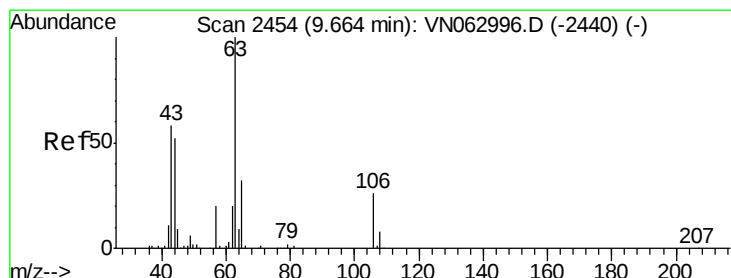
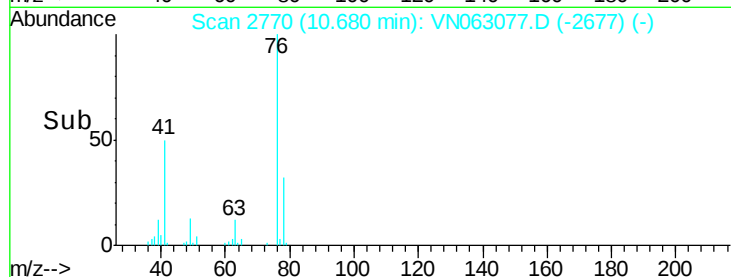
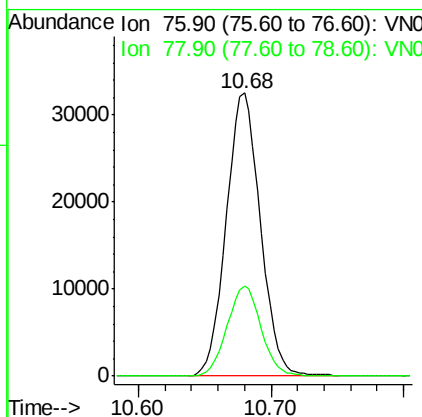
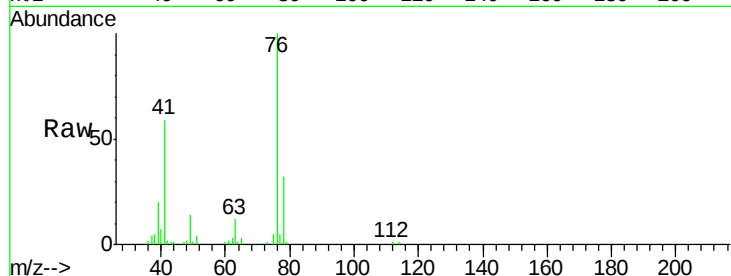
#57
 1,3-Dichloropropane
 Concen: 19.747 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion: 76 Resp: 58106
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

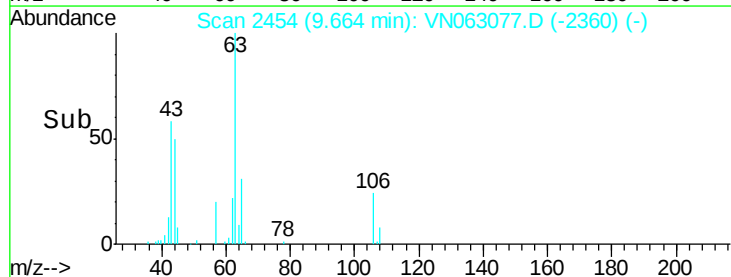
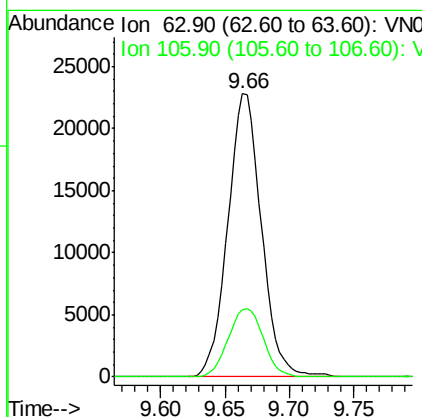
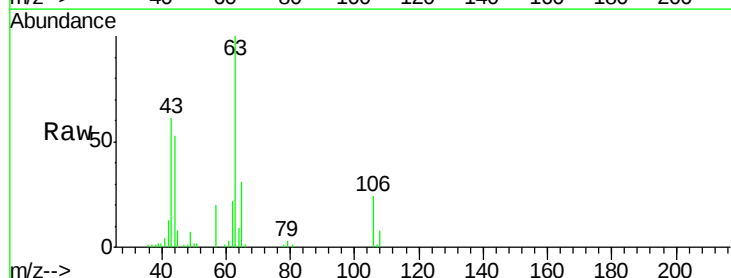
Manual Integrations
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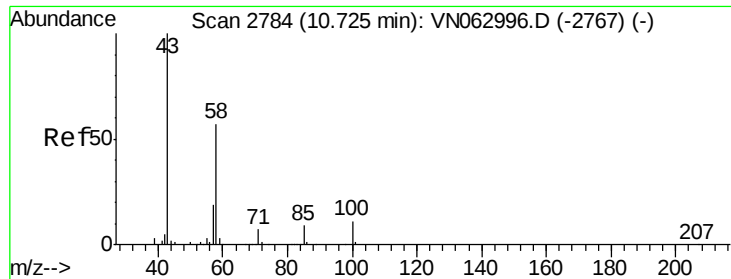
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 71.161 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion: 63 Resp: 41243
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.7 31.1





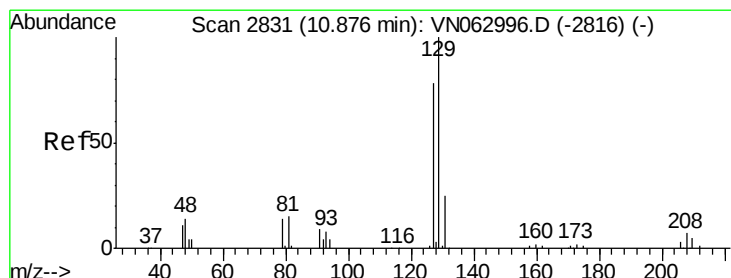
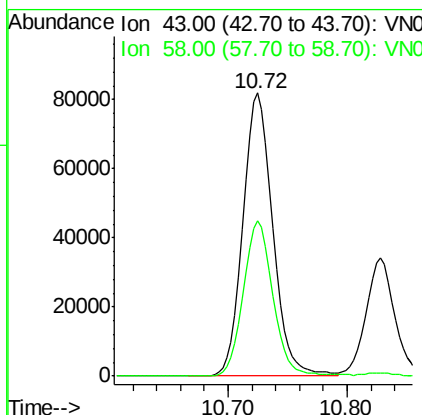
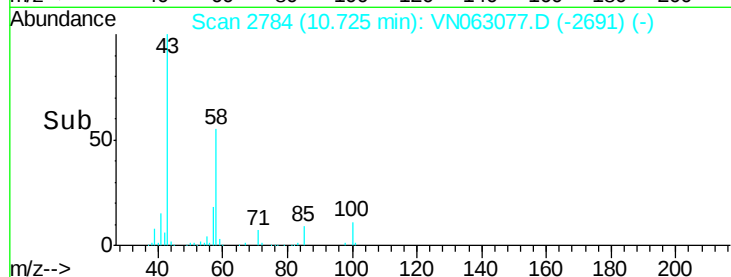
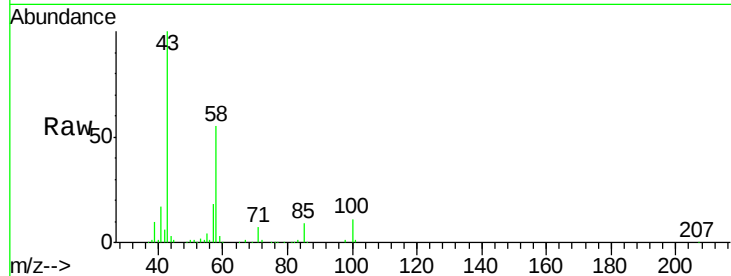
#59
2-Hexanone
Concen: 96.257 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	28.1	84.3

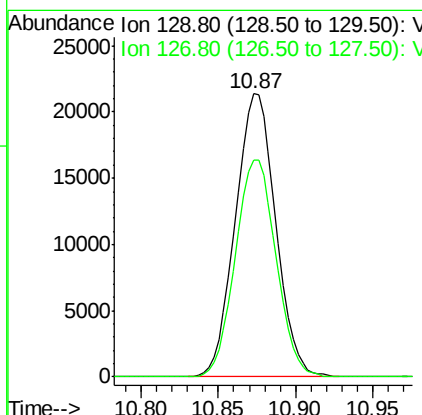
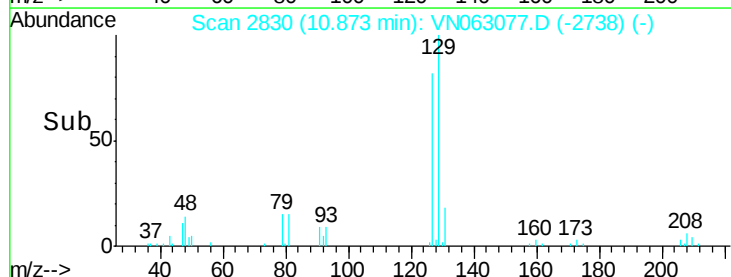
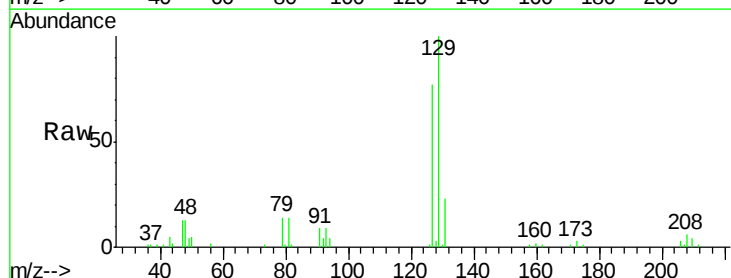
Manual Integrations
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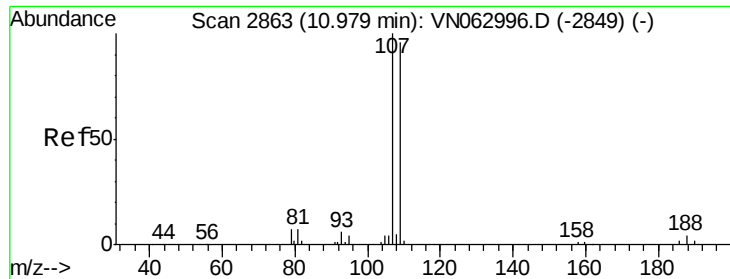
sam
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#60
Dibromochloromethane
Concen: 19.771 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2





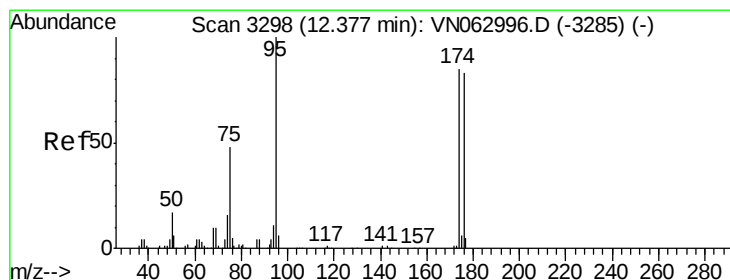
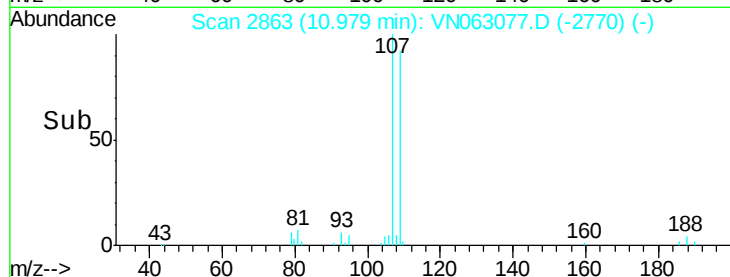
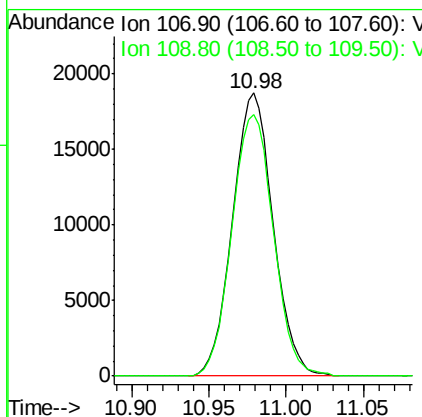
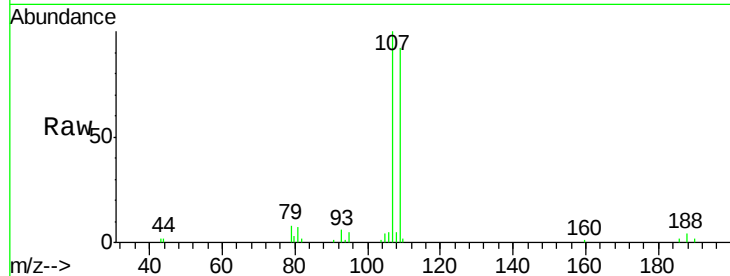
#61
 1,2-Dibromoethane
 Concen: 20.032 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.7	113.5

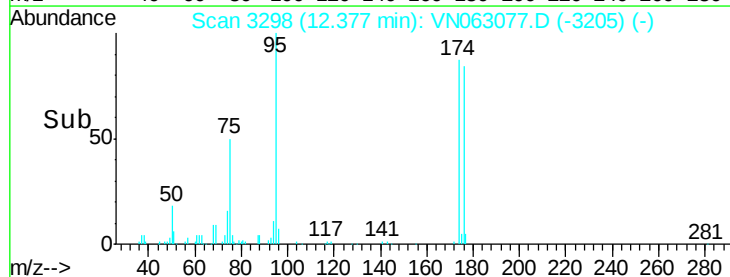
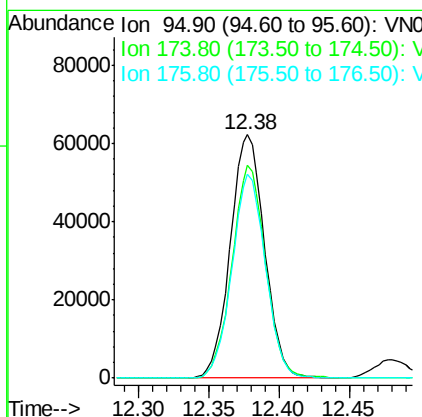
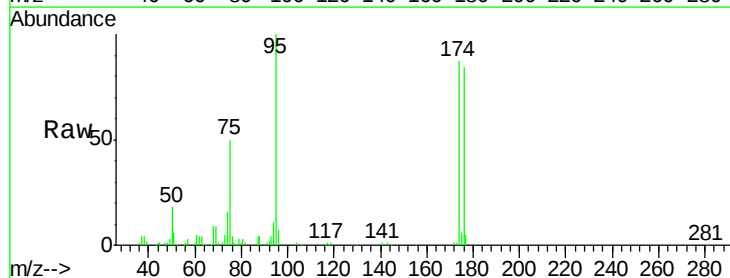
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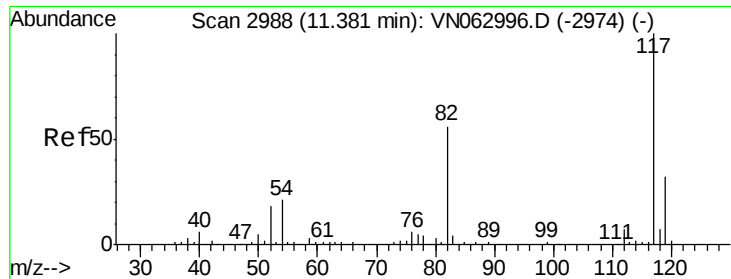
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#62
 4-Bromofluorobenzene
 Concen: 48.774 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	170.8
176	81.9	0.0	164.8





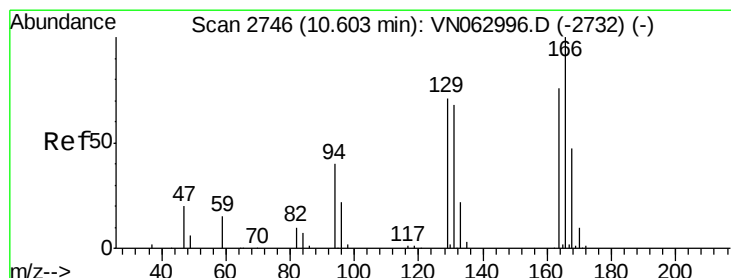
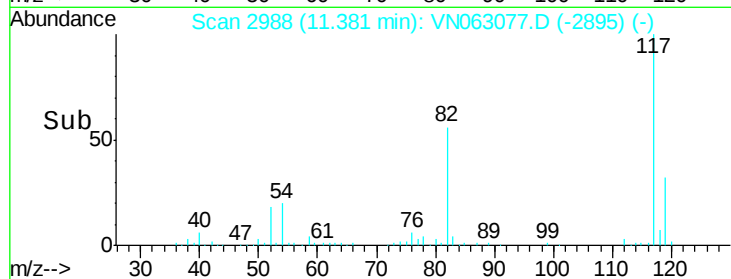
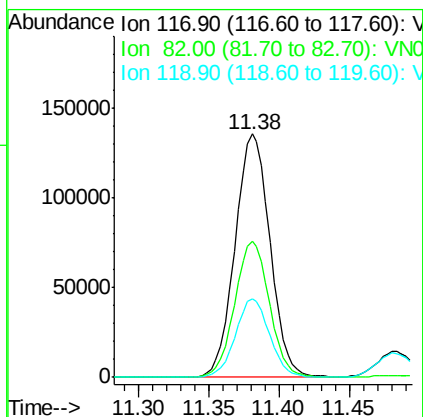
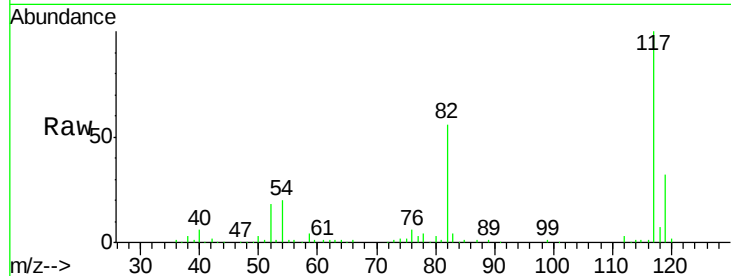
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	235871		
82	56.0		44.5	66.7
119	32.4		25.5	38.3

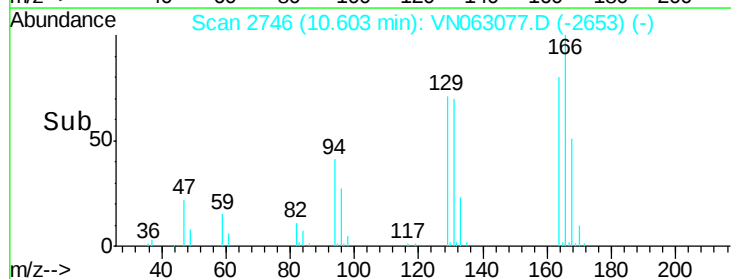
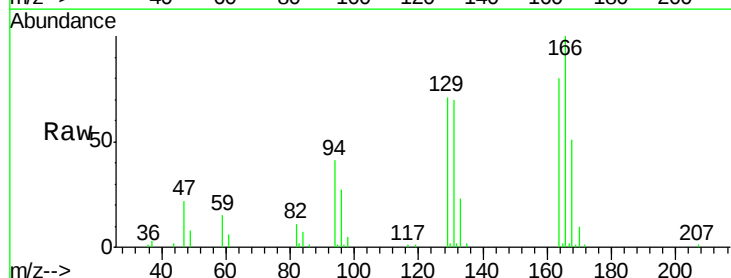
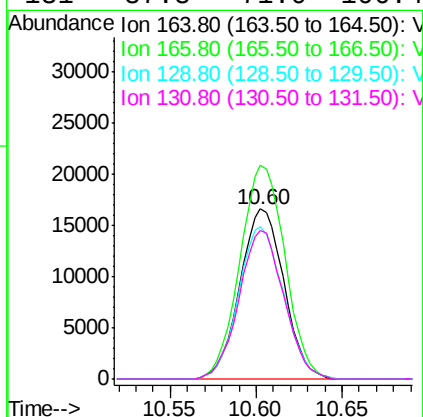
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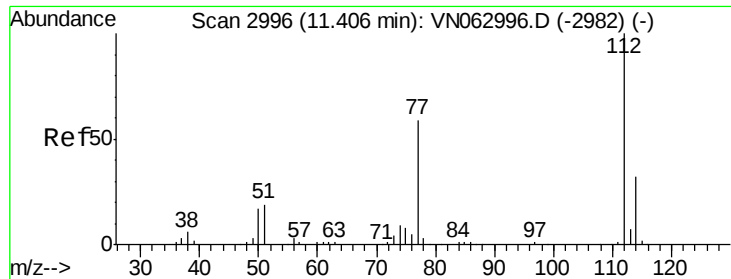
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#64
Tetrachloroethene
Concen: 19.009 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	29473		
166	125.7		105.0	157.6
129	89.9		74.7	112.1
131	87.8		71.0	106.4





#65

Chlorobenzene

Concen: 19.017 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion:112 Resp: 90085

Ion Ratio Lower Upper

112 100

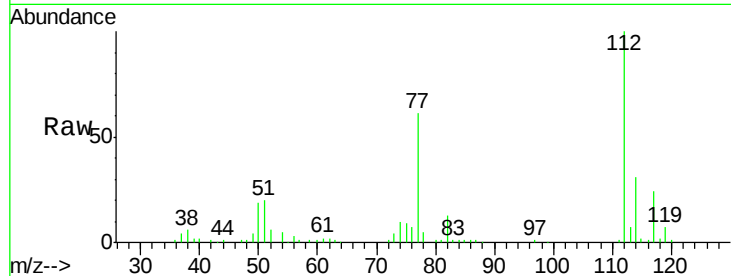
114 31.5 25.3 37.9

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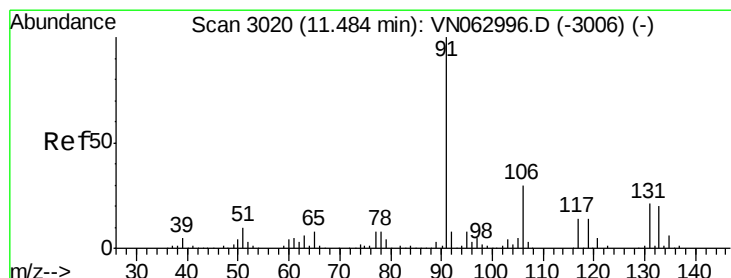
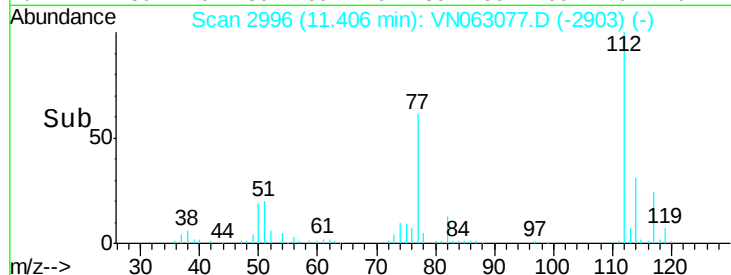
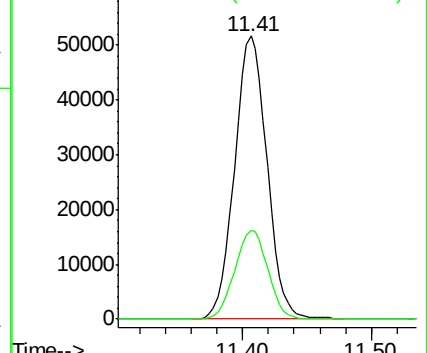
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.220 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

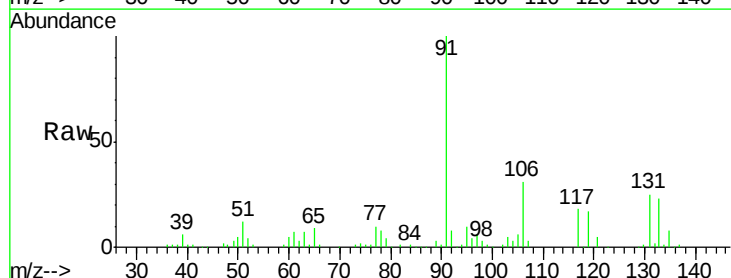
Tgt Ion:131 Resp: 35414

Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

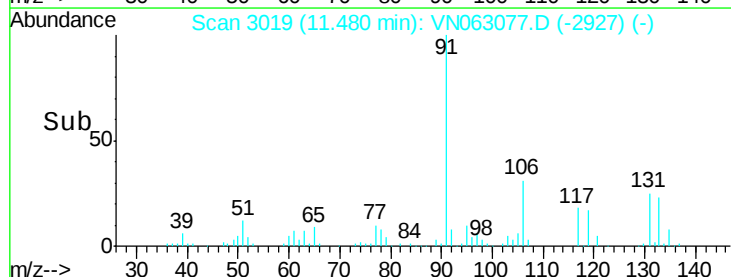
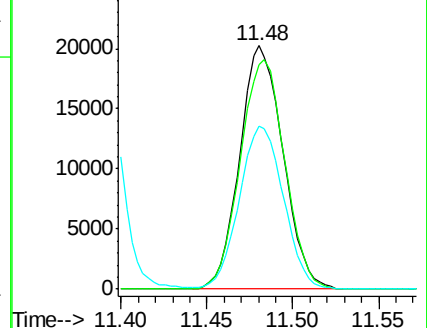
119 68.4 33.1 99.3

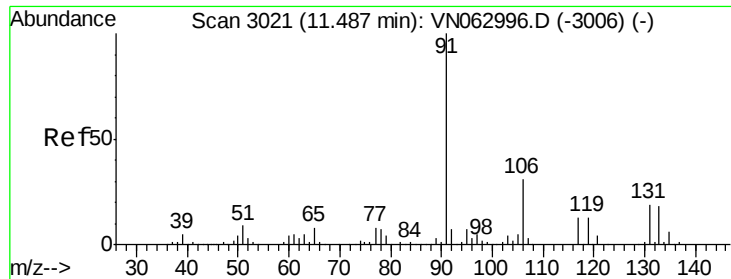


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





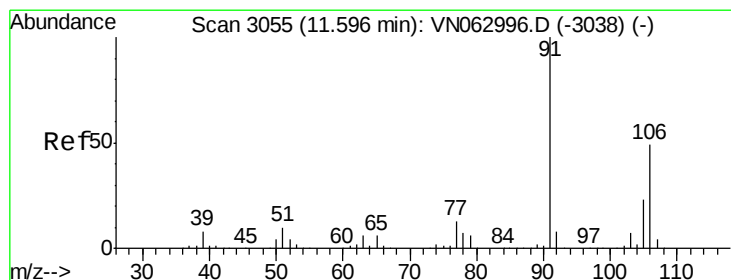
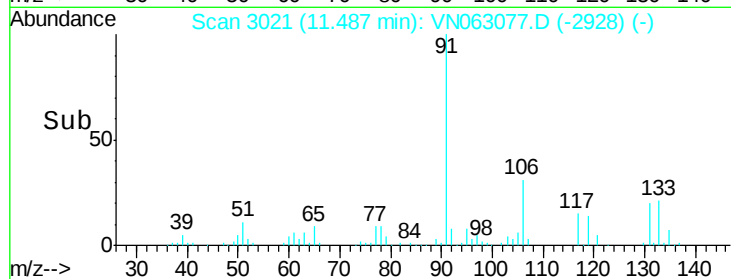
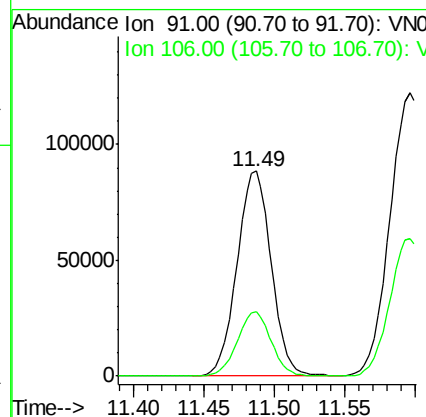
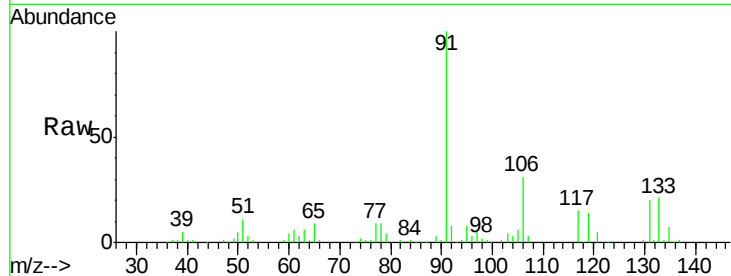
#67
Ethyl Benzene
Concen: 18.785 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampled :
VN0821WBS02

Tot Ion: 91 Resp: 150362
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

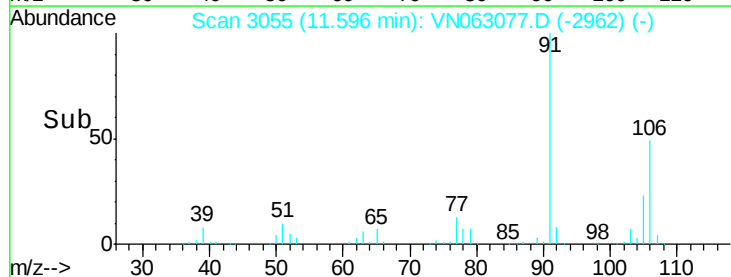
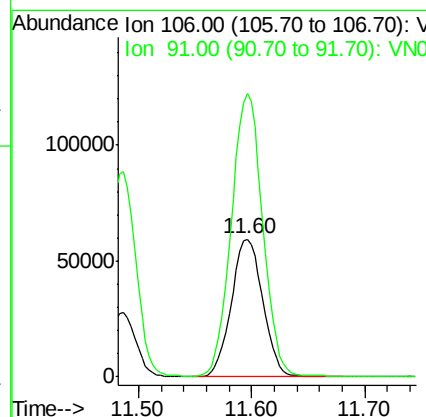
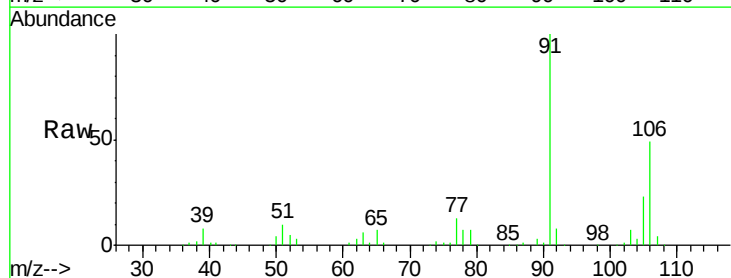
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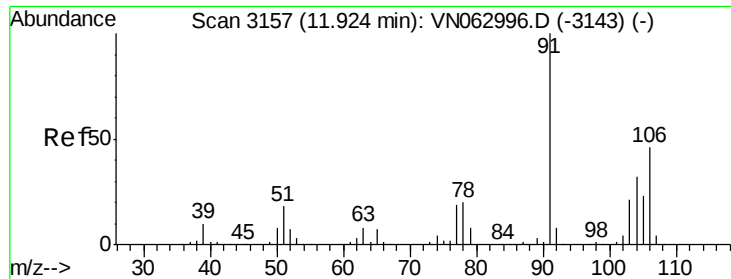
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#68
m/p-Xylenes
Concen: 38.894 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion: 106 Resp: 115708
Ion Ratio Lower Upper
106 100
91 204.1 163.0 244.4





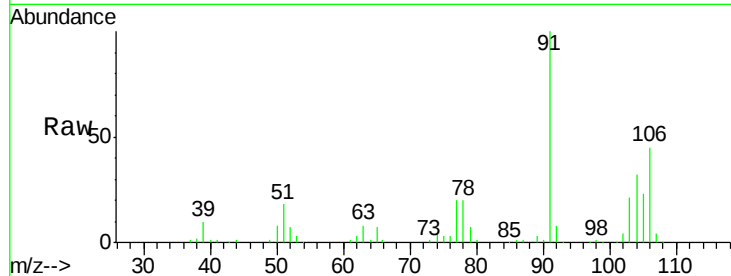
#69
o-Xylene
Concen: 18.861 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

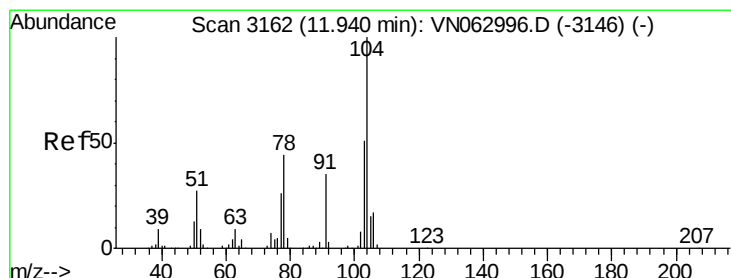
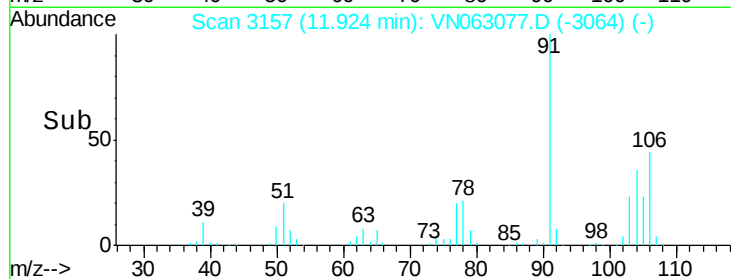
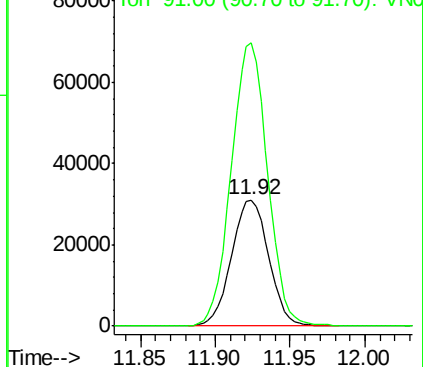
Tot Ion:106 Resp: 53883
Ion Ratio Lower Upper
106 100
91 219.1 107.3 321.9

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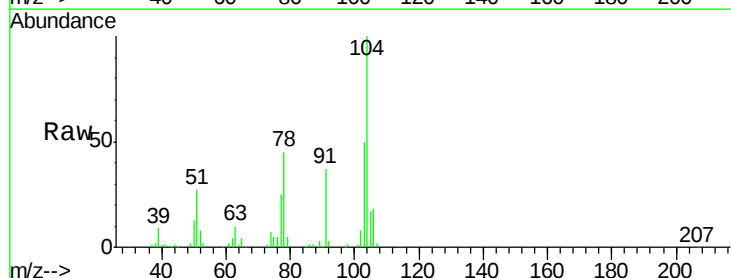


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

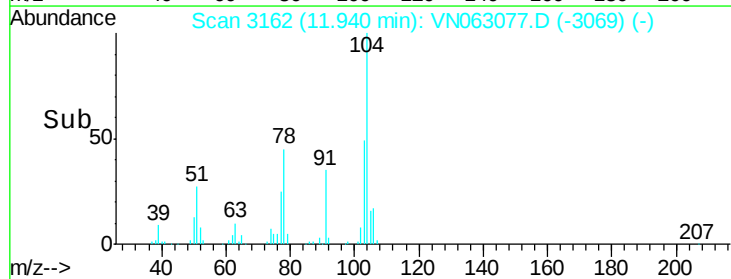
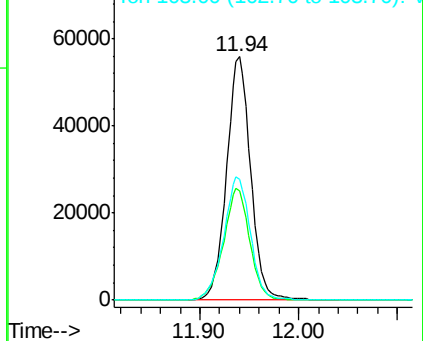


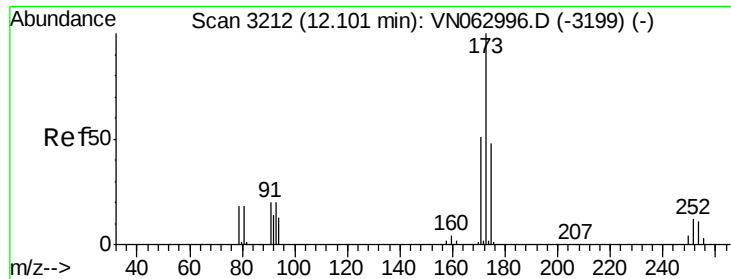
#70
Styrene
Concen: 18.206 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion:104 Resp: 96001
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 55.7 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.321 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

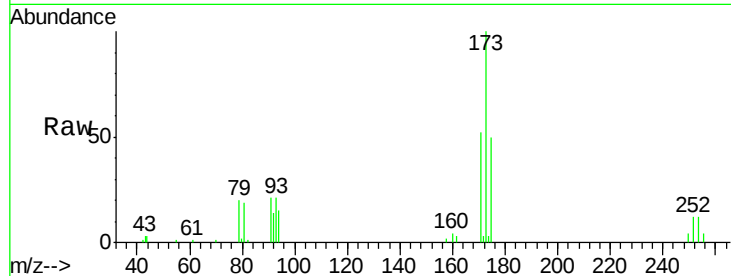
ClientSampleId :

VN0821WBS02

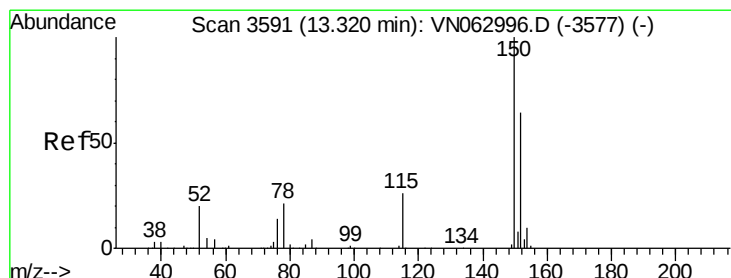
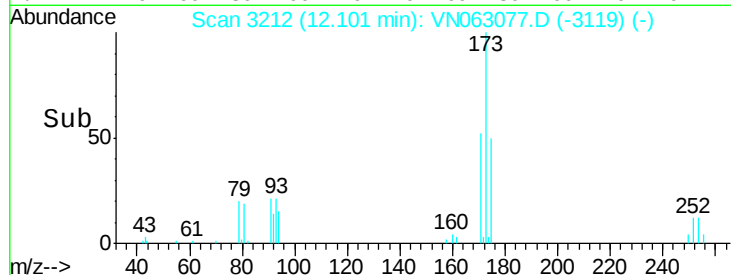
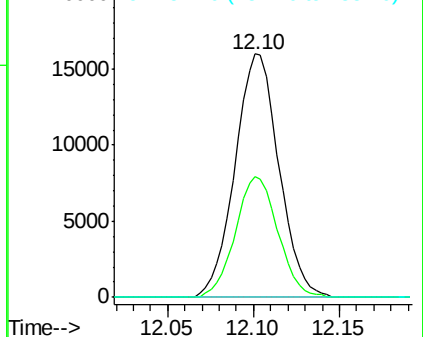
Tot Ion:173	Resp:	28337
Ion Ratio	Lower	Upper
173 100		
175 47.9	24.3	72.8
254 0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

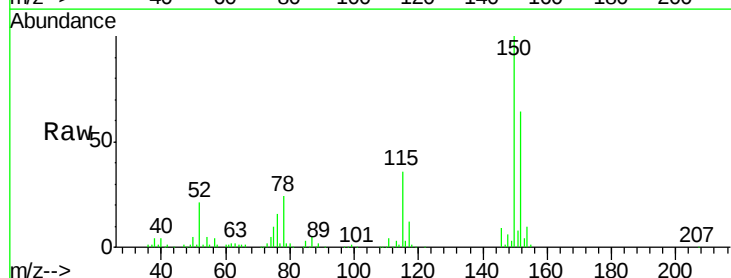
RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

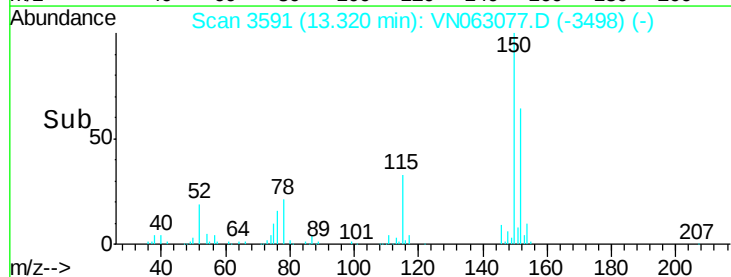
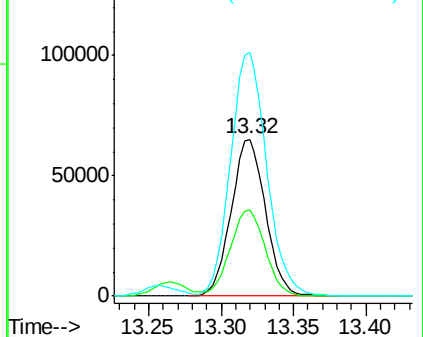
Lab File: VN063077.D

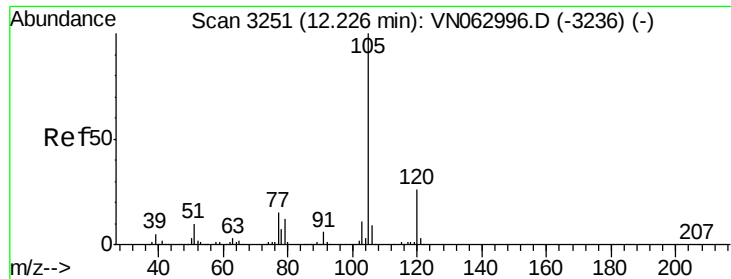
Acq: 21 Aug 2020 13:48

Tgt Ion:152	Resp:	107463
Ion Ratio	Lower	Upper
152 100		
115 56.4	28.7	86.3
150 163.9	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.096 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 105 Resp: 147891

Ion Ratio Lower Upper

105 100

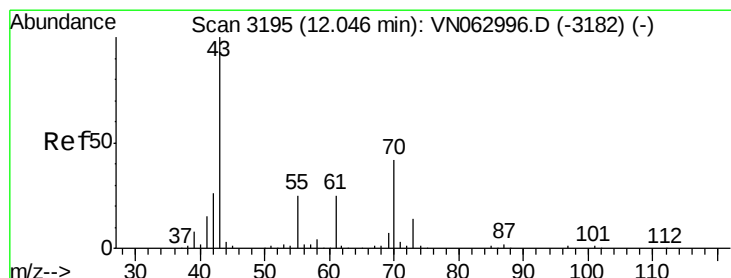
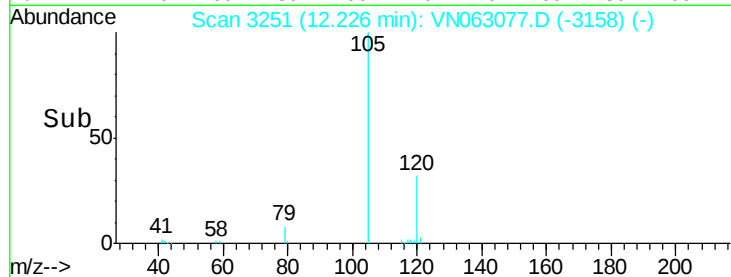
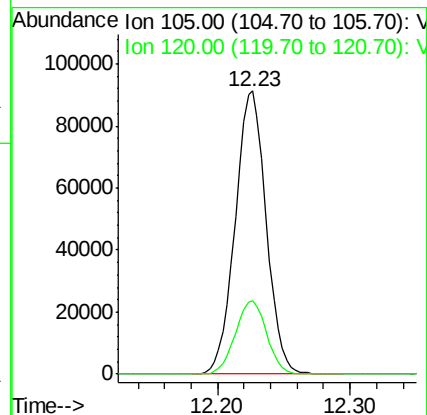
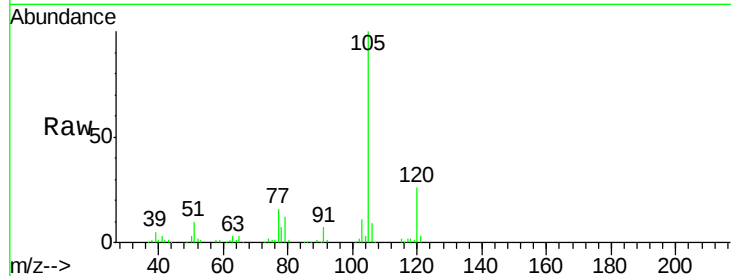
120 26.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.072 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion: 43 Resp: 52904

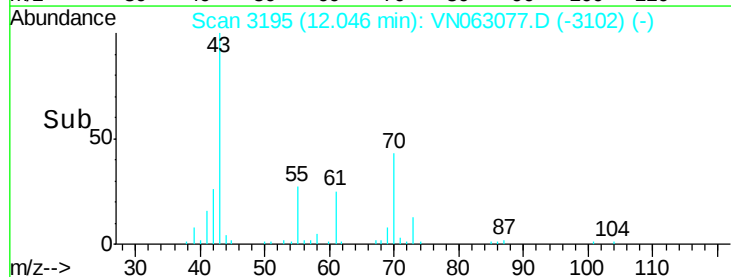
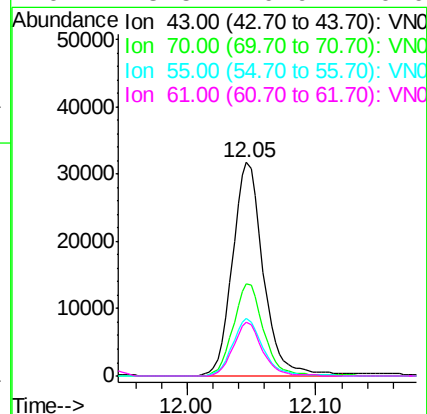
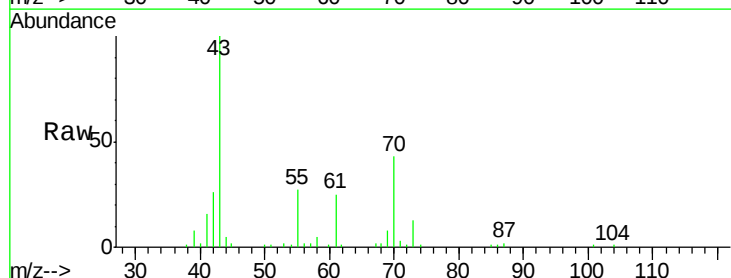
Ion Ratio Lower Upper

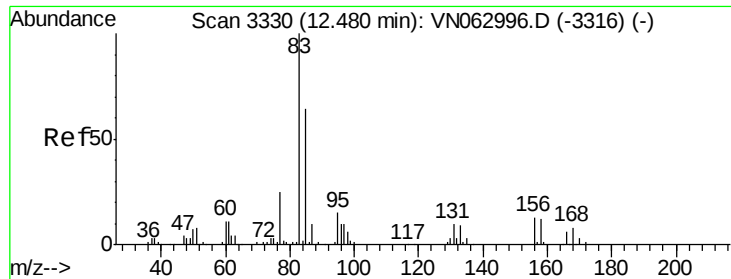
43 100

70 42.3 33.4 50.0

55 26.1 20.2 30.2

61 23.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.584 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

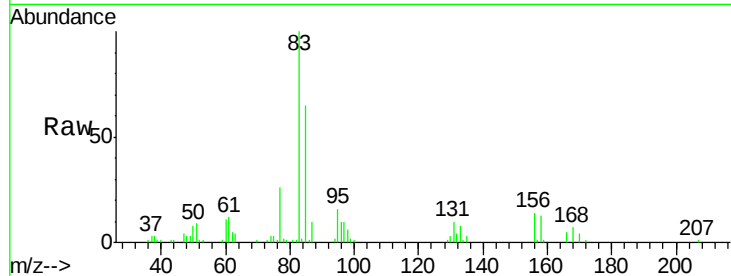
ClientSampleId :

VN0821WBS02

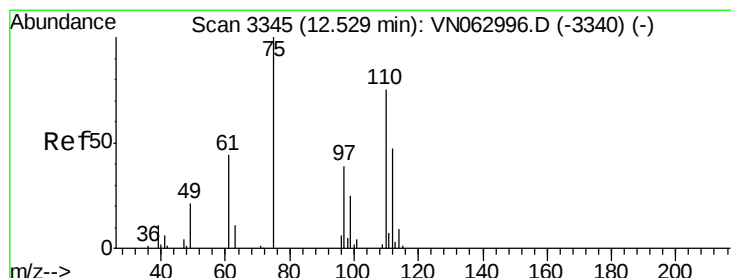
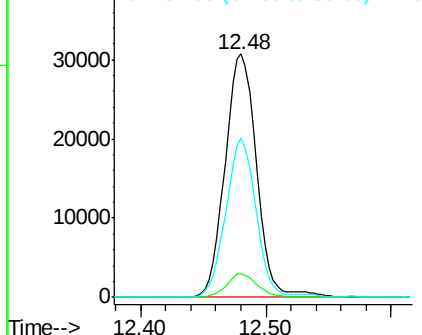
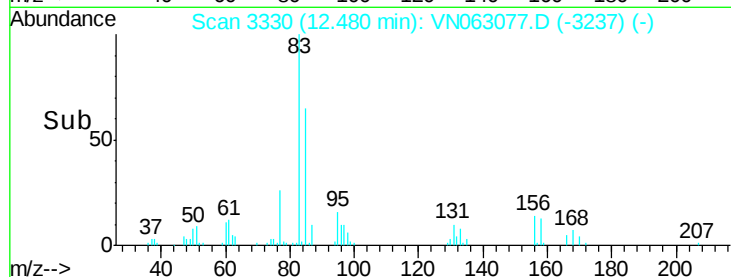
Tot Ion:	83	Resp:	53528
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	62.4	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN063077.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 21.033 ug/l m

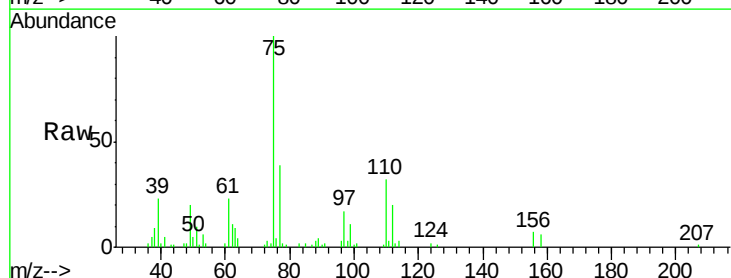
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

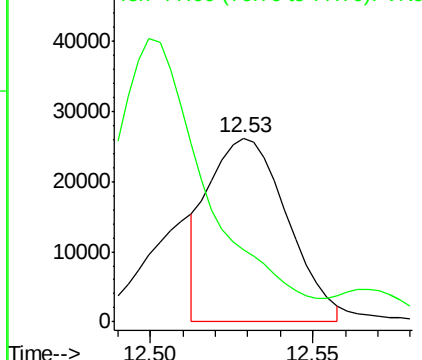
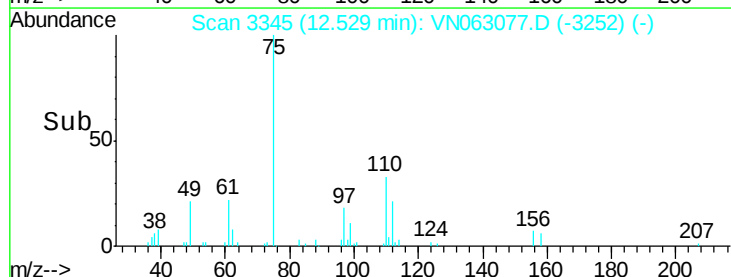
Lab File: VN063077.D

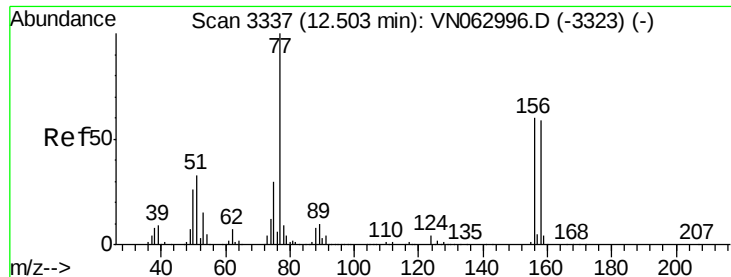
Acq: 21 Aug 2020 13:48

Tgt Ion:	75	Resp:	43934
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063077.D (-3252) (-)





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion:156 Resp: 41045

Ion Ratio Lower Upper

156 100

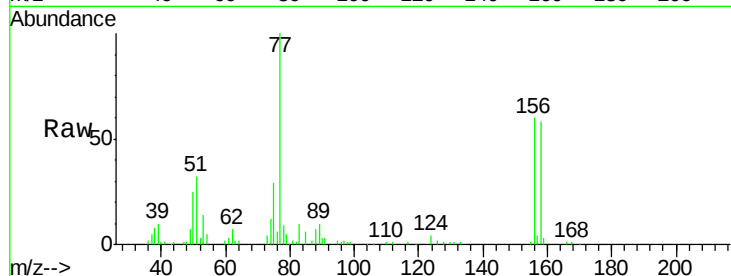
77 201.5 101.0 302.9

158 96.4 49.4 148.0

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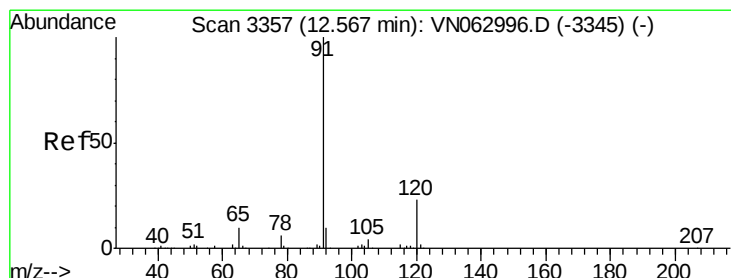
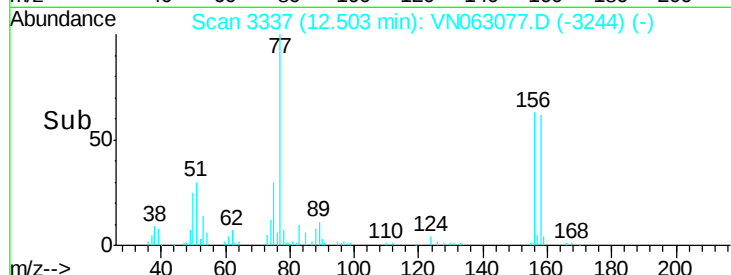
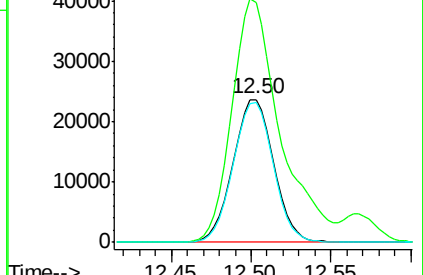
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.688 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063077.D

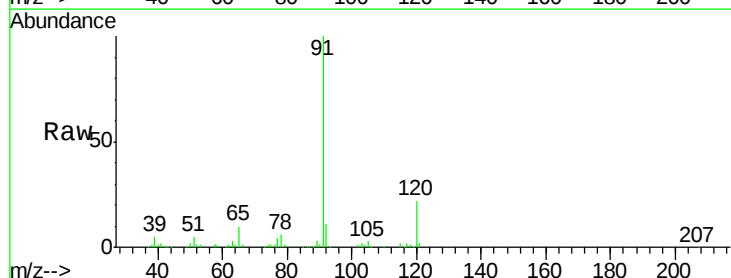
Acq: 21 Aug 2020 13:48

Tgt Ion: 91 Resp: 173536

Ion Ratio Lower Upper

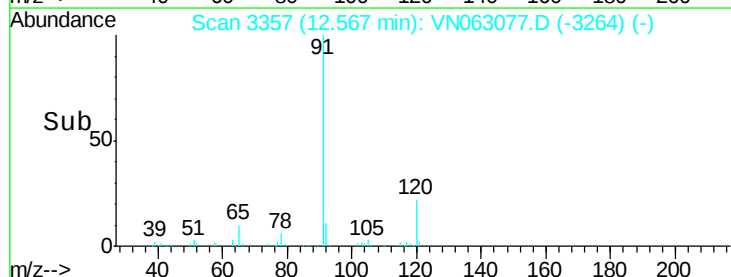
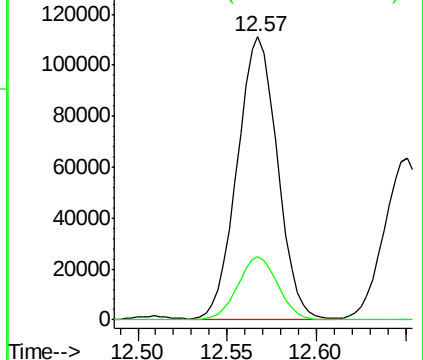
91 100

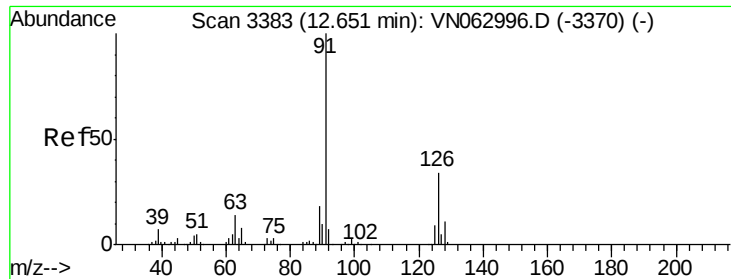
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.980 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS02

Tot Ion: 91 Resp: 105412

Ion Ratio Lower Upper

91 100

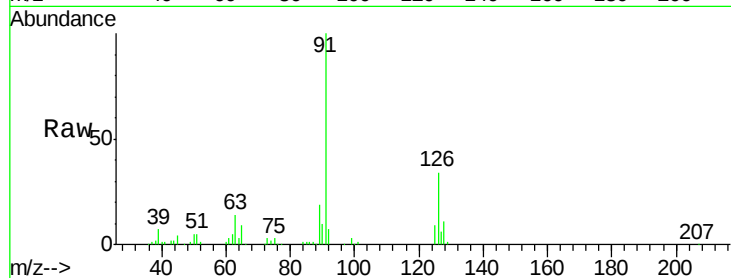
126 34.4 17.1 51.2

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Abundance Ion 91.00 (90.70 to 91.70): VN063077.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN063077.D (-3383) (-)

80000

60000

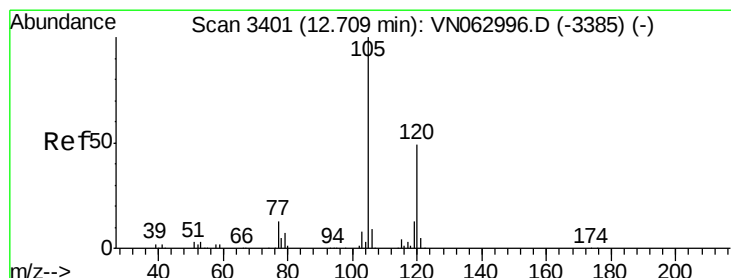
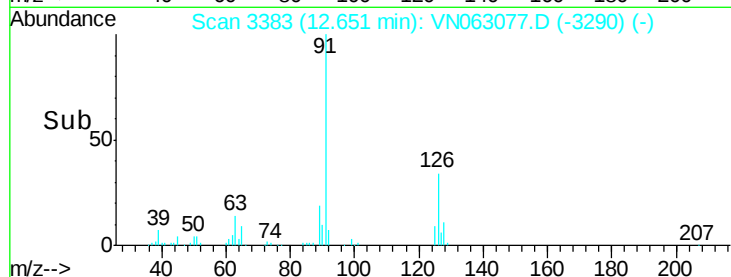
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.606 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063077.D

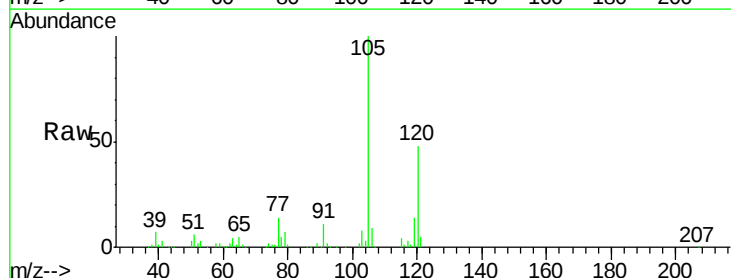
Acq: 21 Aug 2020 13:48

Tgt Ion:105 Resp: 125356

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063077.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN063077.D (-3401) (-)

80000

60000

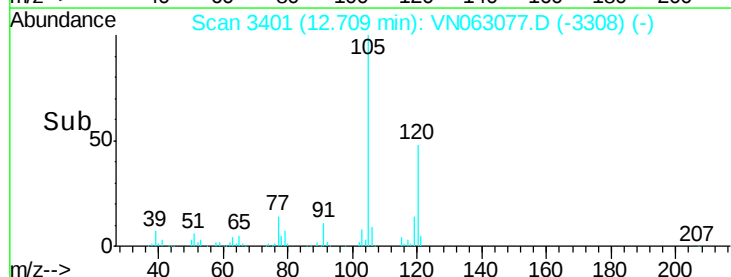
40000

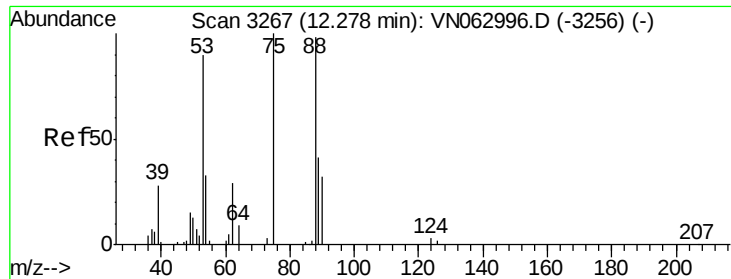
20000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.773 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

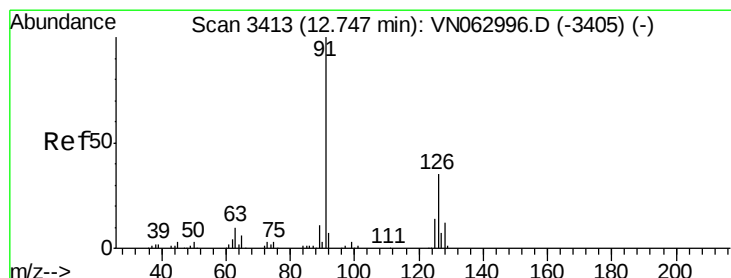
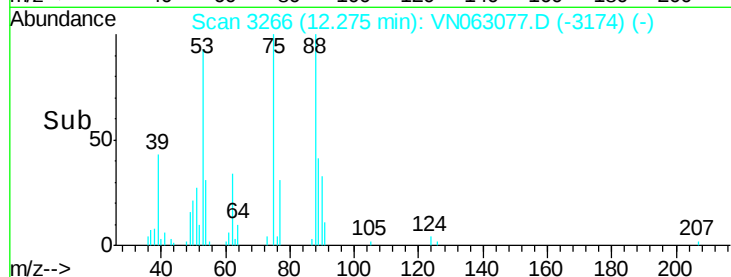
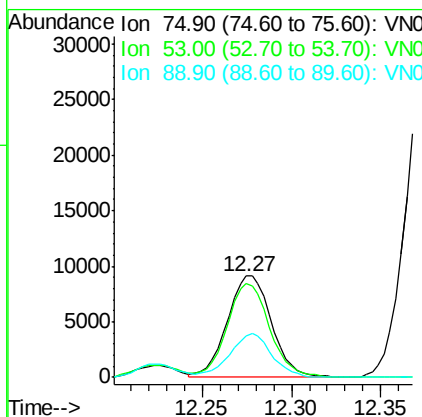
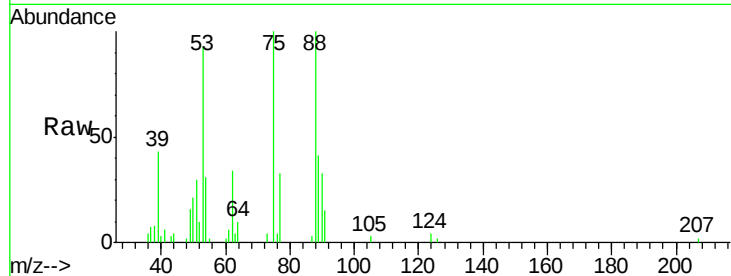
ClientSampleId :

VN0821WBS02

Tot Ion:	75	Resp:	15799
Ion	Ratio	Lower	Upper
75	100		
53	88.9	69.2	103.8
89	41.0	34.2	51.4

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#82

4-Chlorotoluene

Concen: 20.379 ug/l

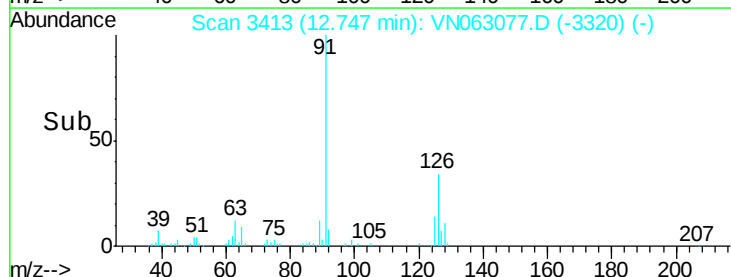
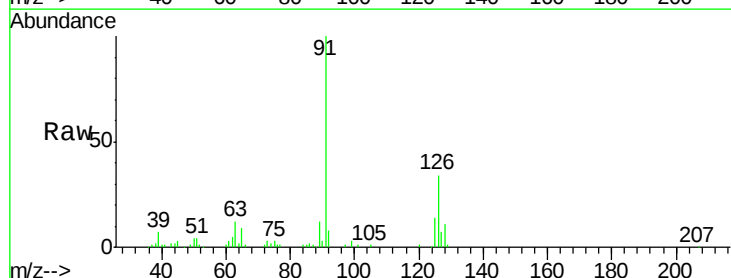
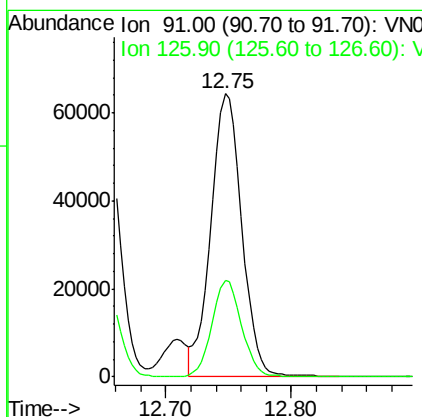
RT: 12.75 min Scan# 3413

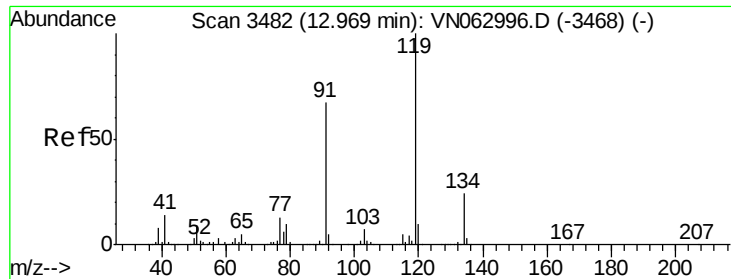
Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	91	Resp:	109483
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





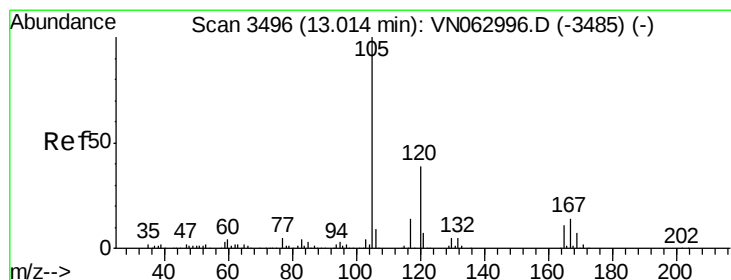
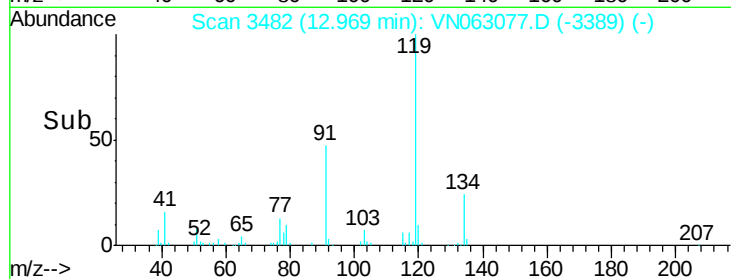
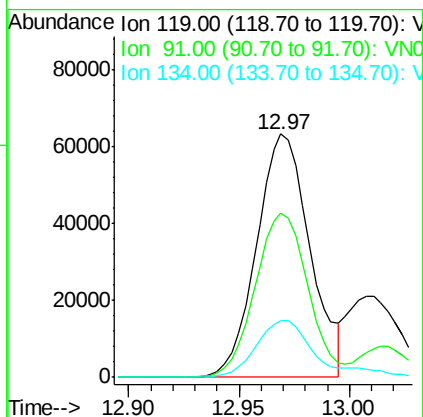
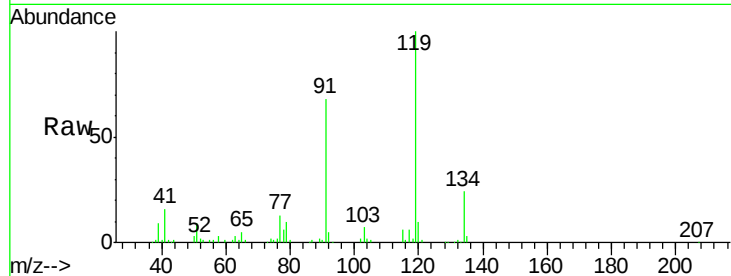
#83
tert-Butylbenzene
Concen: 20.165 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	105876		
91	66.8	32.5	97.4	
134	26.4	13.1	39.3	

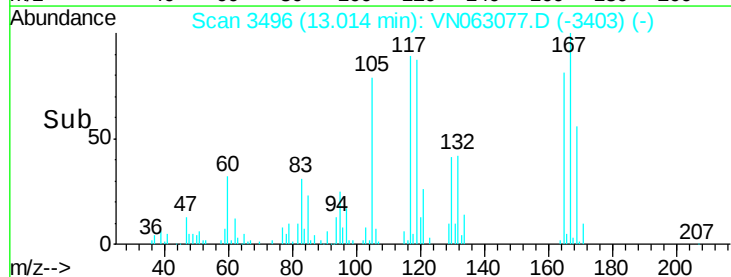
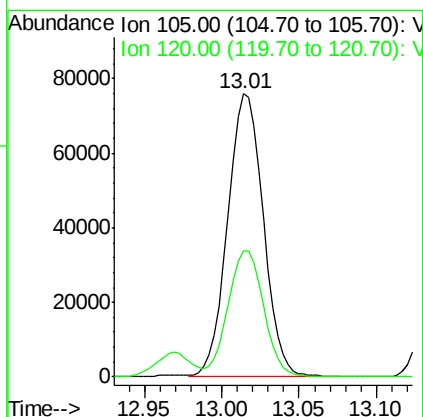
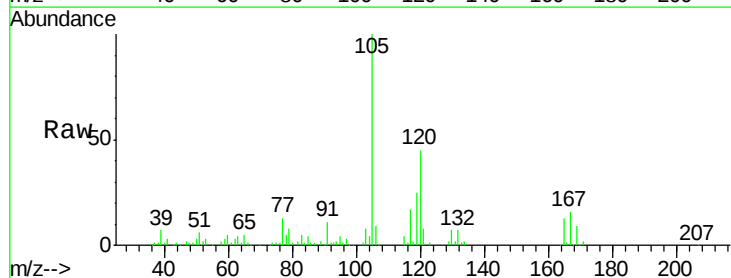
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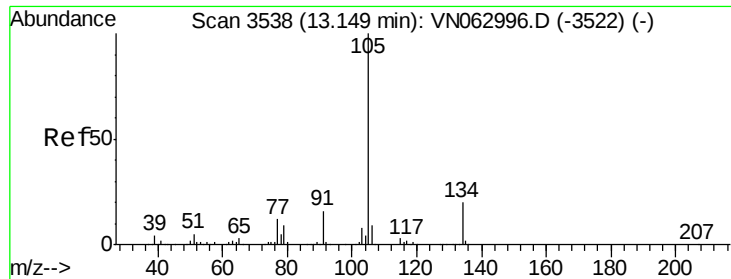
sam
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#84
1,2,4-Trimethylbenzene
Concen: 20.378 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120772		
120	44.8	22.5	67.5	





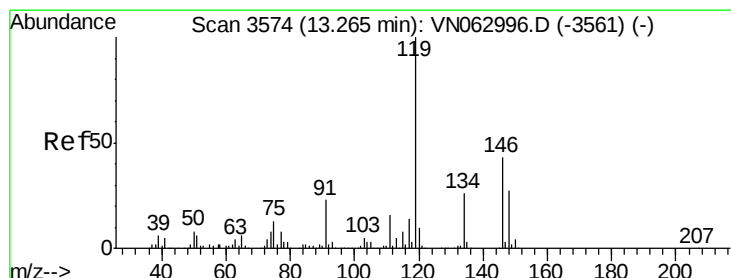
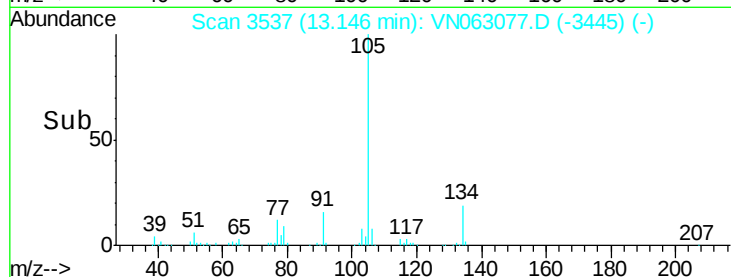
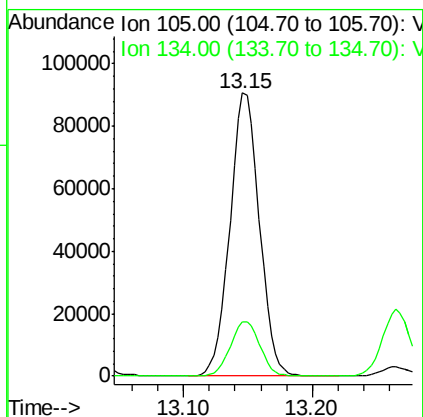
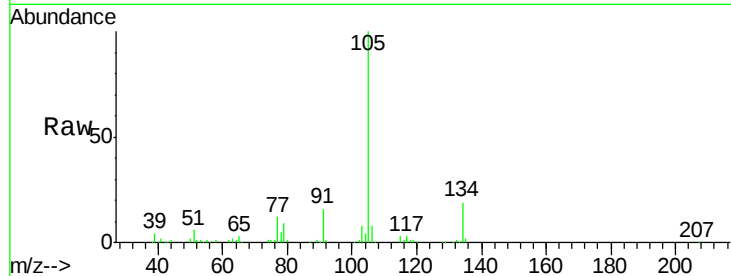
#85
 sec-Butylbenzene
 Concen: 20.265 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

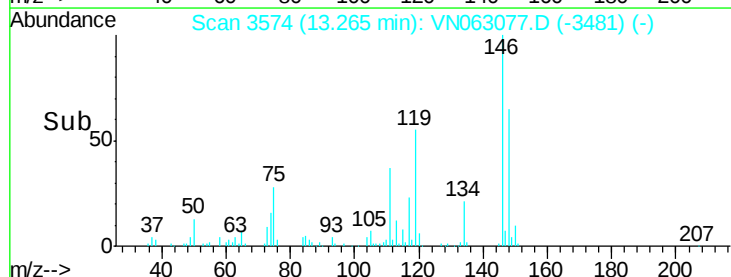
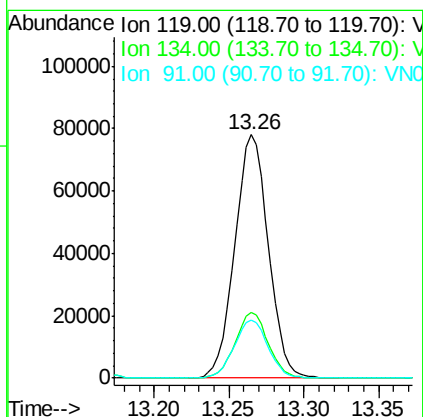
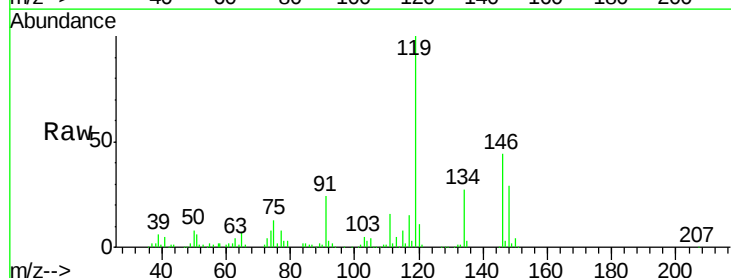
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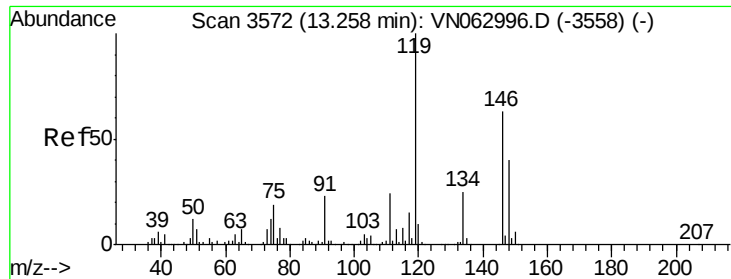
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#86
 p-Isopropyltoluene
 Concen: 19.682 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	24.2	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 19.687 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Instrument :

MSVOA_N

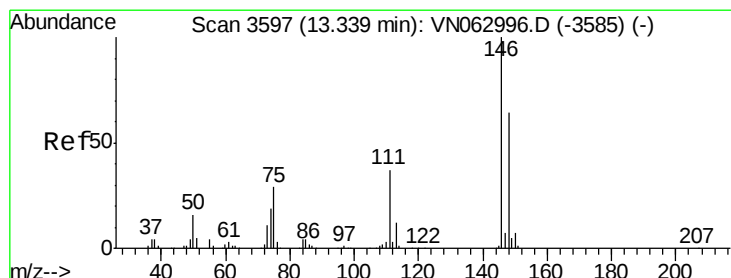
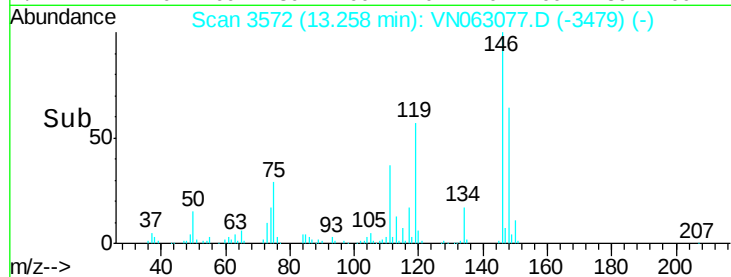
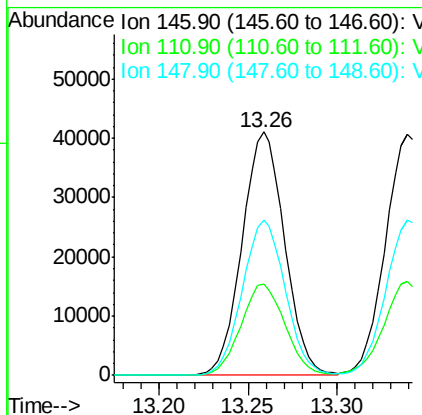
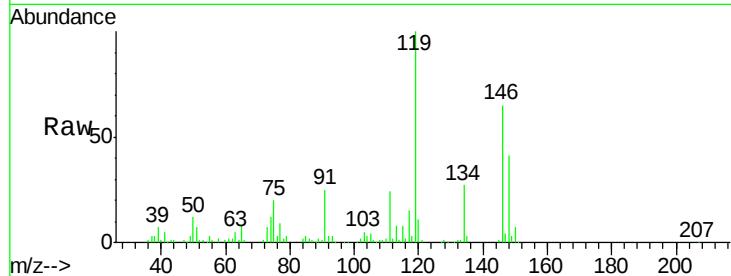
ClientSampleId :

VN0821WBS02

Tot Ion:	146	Resp:	68478
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.4	58.1
148	64.5	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 19.601 ug/l

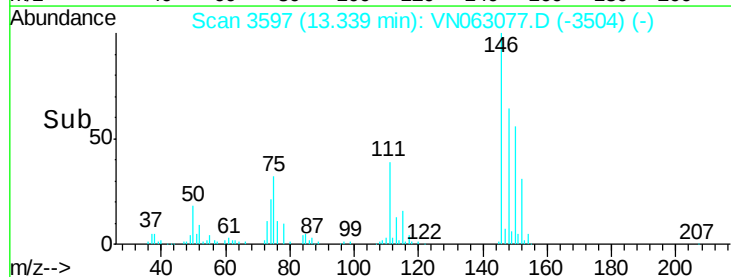
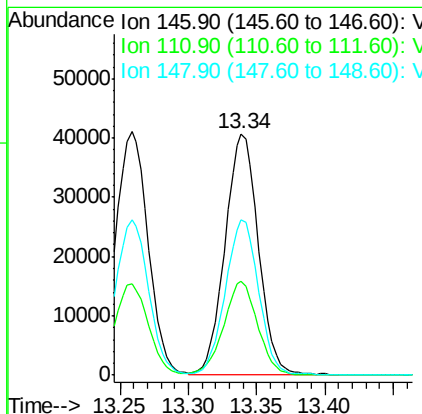
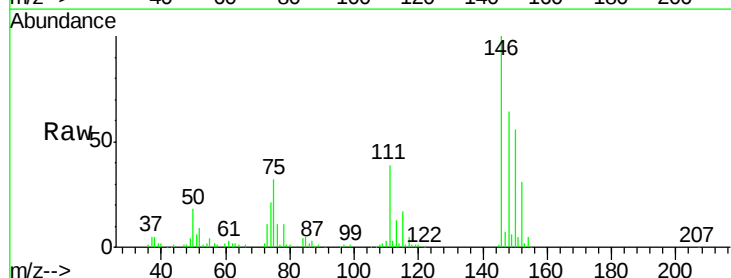
RT: 13.34 min Scan# 3597

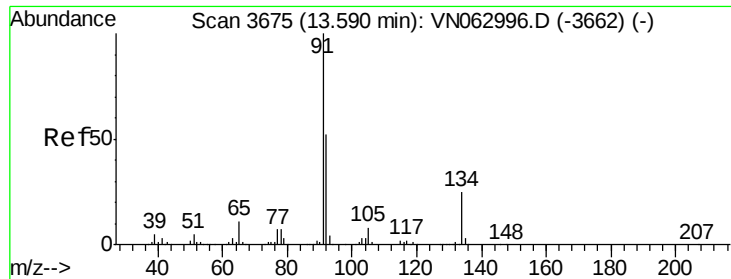
Delta R.T. -0.00 min

Lab File: VN063077.D

Acq: 21 Aug 2020 13:48

Tgt Ion:	146	Resp:	69201
Ion Ratio	Lower	Upper	
146	100		
111	39.6	18.8	56.4
148	64.4	32.4	97.0





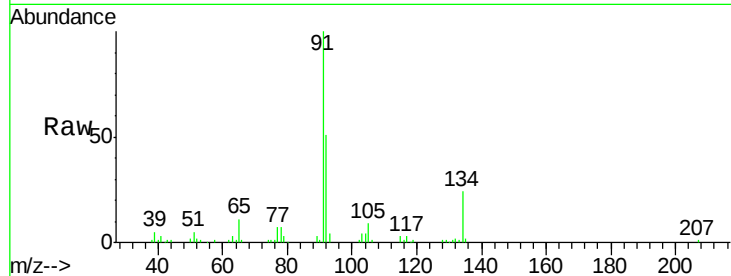
#89
n-Butylbenzene
Concen: 17.968 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

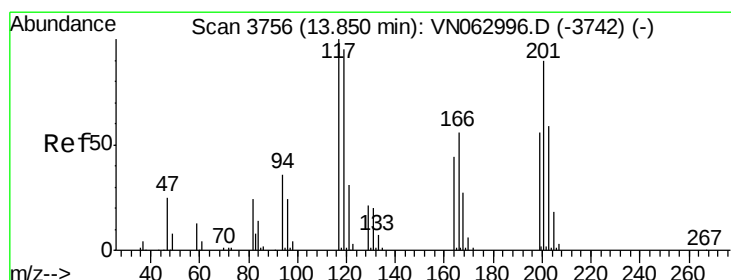
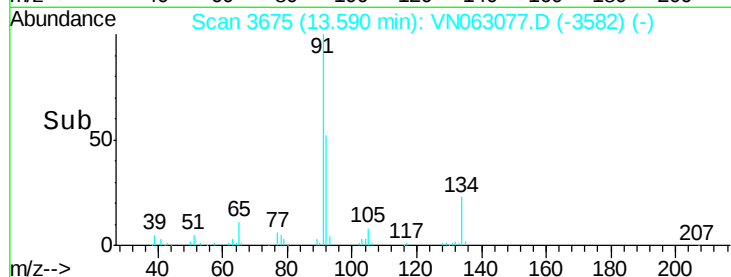
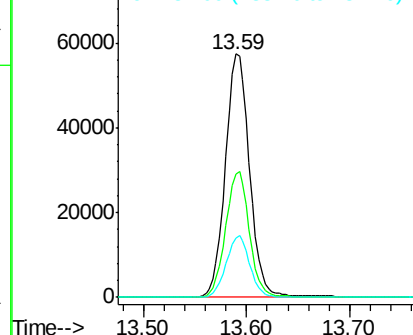
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.9	77.6
134	24.4	12.4	37.0

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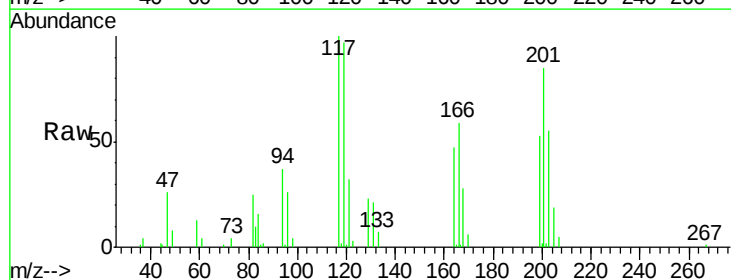


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)
Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)
Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

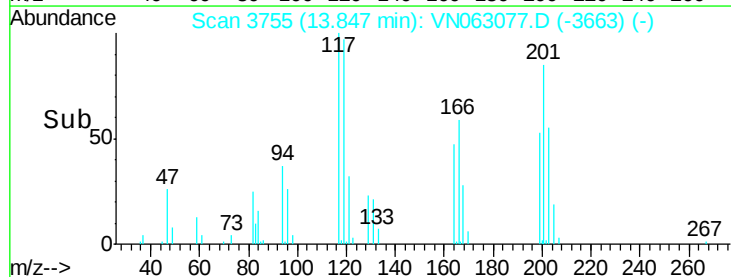
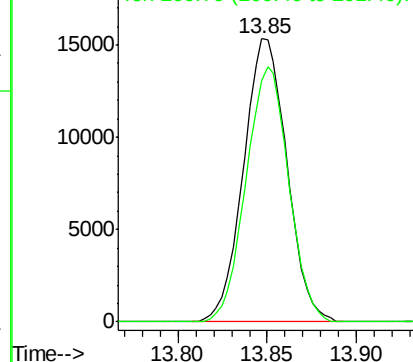


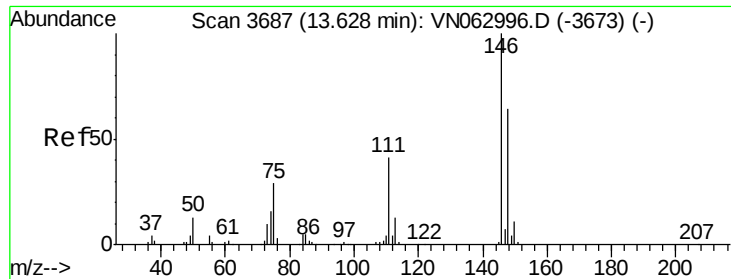
#90
Hexachloroethane
Concen: 19.894 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.1	132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)





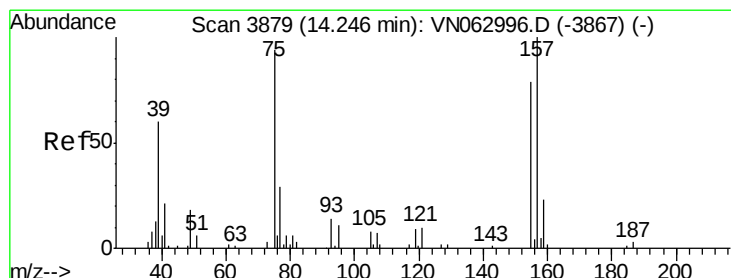
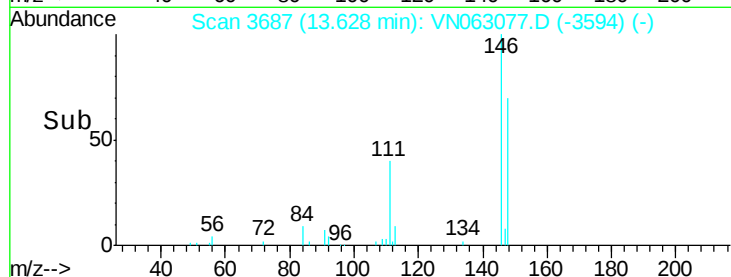
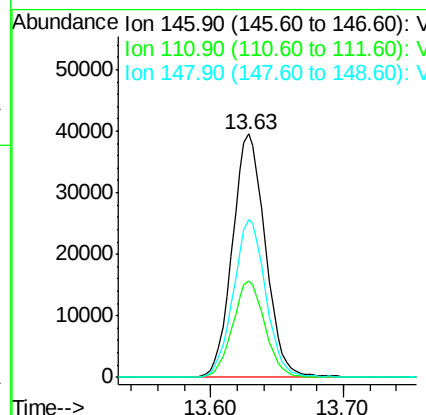
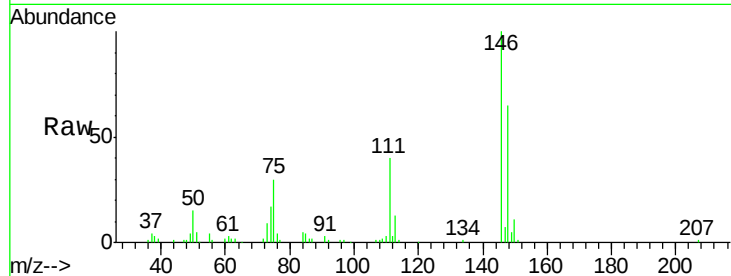
#91
 1,2-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.2	60.5
148	63.5	31.9	95.5

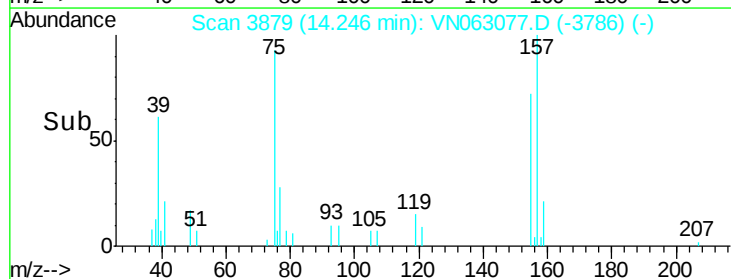
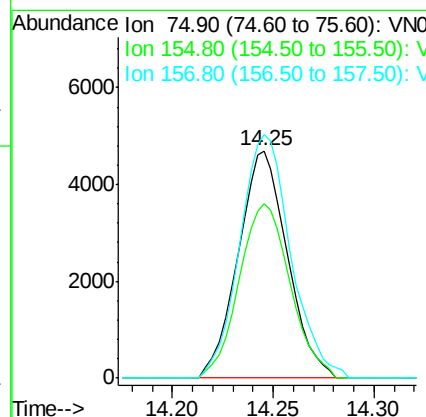
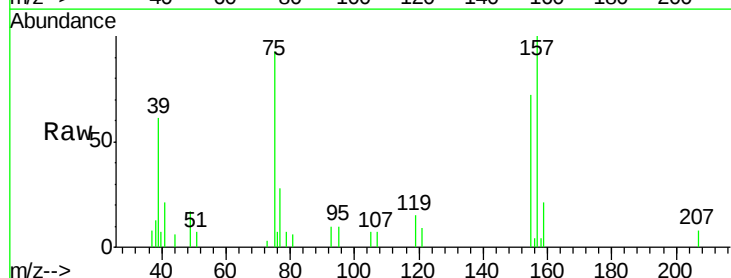
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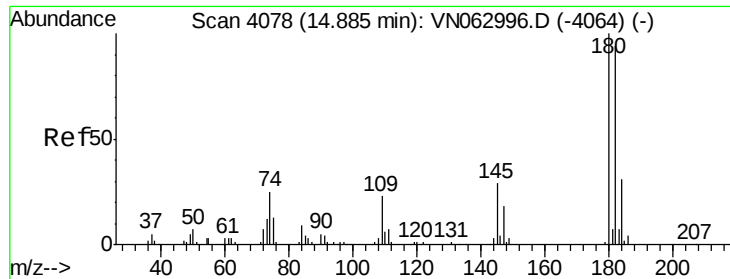
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.529 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.4	127.1
157	111.5	55.2	165.6





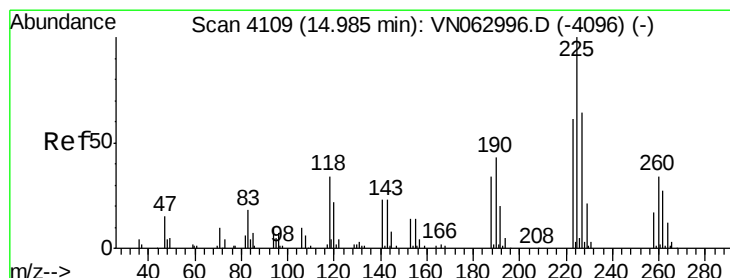
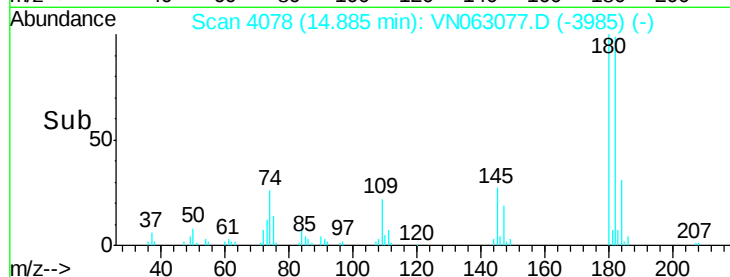
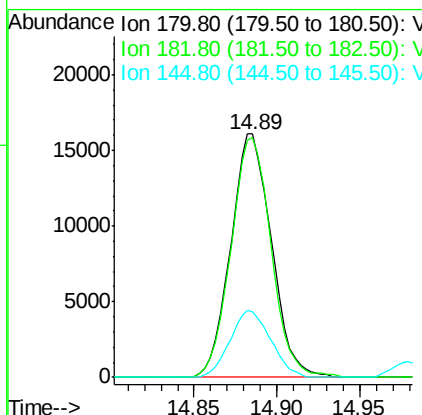
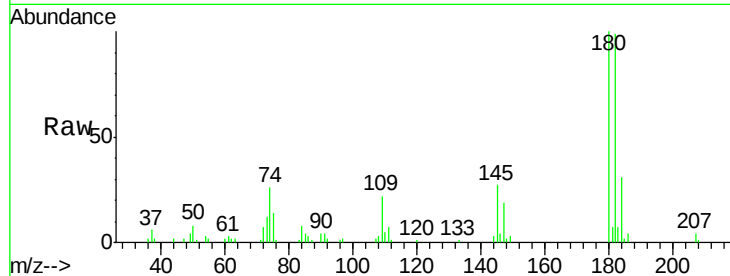
#93
 1,2,4-Trichlorobenzene
 Concen: 17.943 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.0	141.2
145	27.3	14.1	42.4

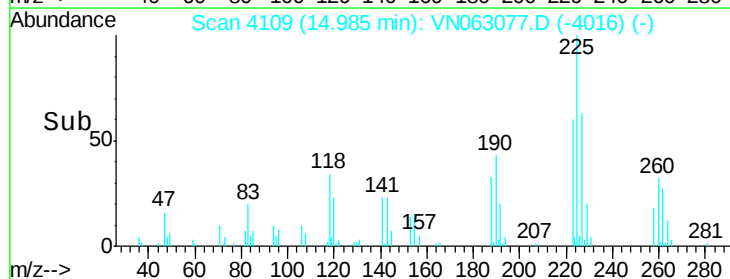
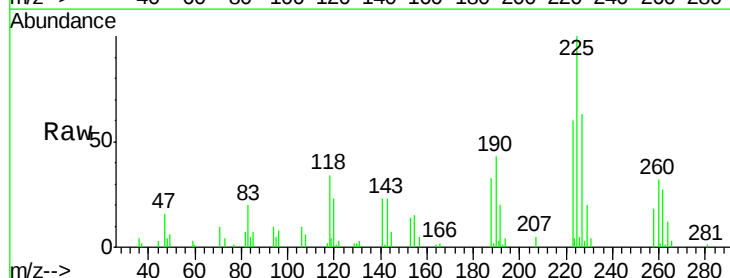
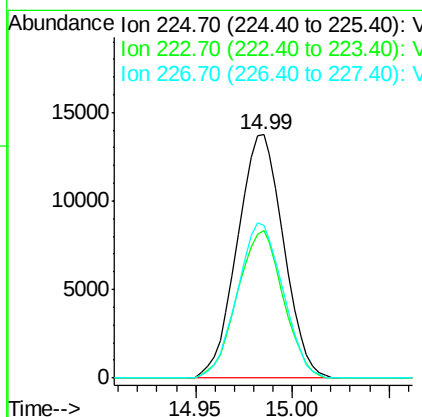
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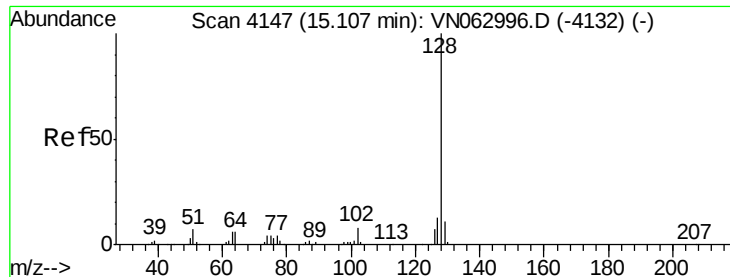
sam
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#94
 Hexachlorobutadiene
 Concen: 18.415 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063077.D
 Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	30.9	92.5
227	63.1	31.9	95.9





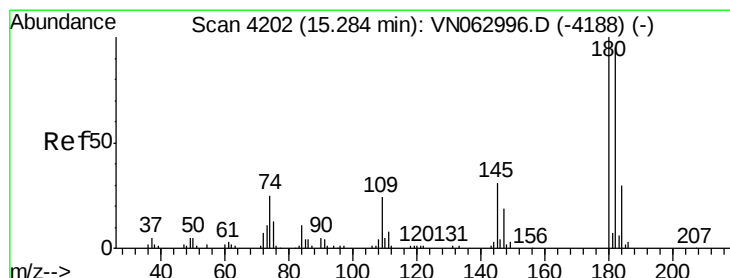
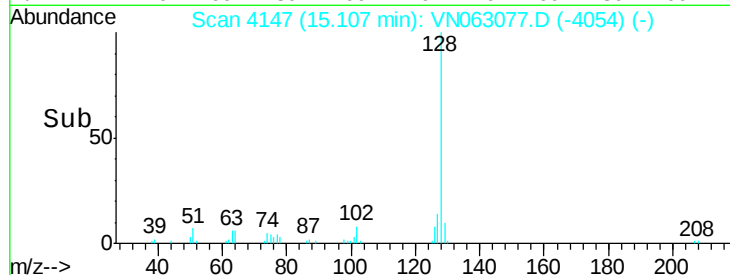
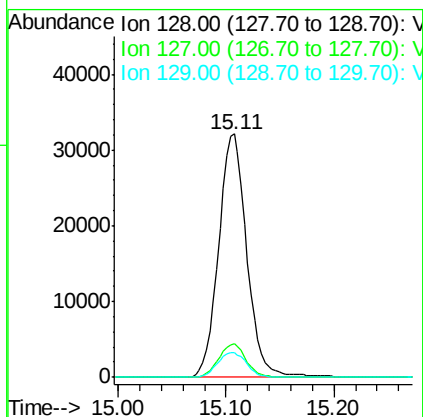
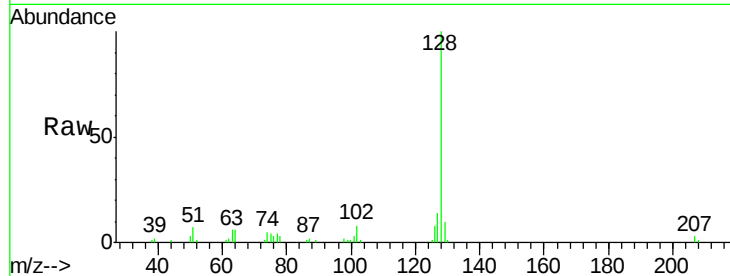
#95
Naphthalene
Concen: 17.693 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.4	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.696 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063077.D
Acq: 21 Aug 2020 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.3	141.9
145	30.3	15.6	46.7

