

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062997.D
 Acq On : 18 Aug 2020 20:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:15 PM

Quant Time: Aug 19 06:00:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	181457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219649	102.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.26%	
35) Dibromofluoromethane	7.55	113	180721	104.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.40%	
50) Toluene-d8	10.06	98	720134	108.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.20%	
62) 4-Bromofluorobenzene	12.38	95	265993	113.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	249968	116.343	ug/l	99
3) Chloromethane	2.03	50	281492	113.139	ug/l	100
4) Vinyl Chloride	2.16	62	268723	111.683	ug/l	98
5) Bromomethane	2.50	94	160320	112.256	ug/l	98
6) Chloroethane	2.65	64	159492	112.270	ug/l	99
7) Trichlorofluoromethane	2.97	101	316148	105.361	ug/l	98
8) Diethyl Ether	3.37	74	113344	106.776	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	159616	98.718	ug/l	99
10) Methyl Iodide	3.91	142	233435	113.901	ug/l	99
11) Tert butyl alcohol	4.74	59	162618	533.833	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153427	99.610	ug/l	98
13) Acrolein	3.57	56	36213	379.469	ug/l	97
14) Allyl chloride	4.27	41	284746	104.848	ug/l	99
15) Acrylonitrile	4.93	53	493120	550.759	ug/l	99
16) Acetone	3.78	43	353904	483.249	ug/l	99
17) Carbon Disulfide	4.00	76	428671	106.269	ug/l	98
18) Methyl Acetate	4.28	43	213276	99.792	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	594560	110.686	ug/l	100
20) Methylene Chloride	4.50	84	196202	81.253	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	169258	105.004	ug/l	99
22) Diisopropyl ether	5.90	45	662883	107.561	ug/l	99
23) Vinyl Acetate	5.84	43	2202718	529.658	ug/l	99
24) 1,1-Dichloroethane	5.80	63	351874	102.175	ug/l	99
25) 2-Butanone	6.79	43	621794	544.592	ug/l	99
26) 2,2-Dichloropropane	6.77	77	274604	101.391	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	216489	107.152	ug/l	99
28) Bromochloromethane	7.15	49	185682	103.047	ug/l	98
29) Tetrahydrofuran	7.17	42	416607	565.357	ug/l	99
30) Chloroform	7.33	83	360076	103.817	ug/l	100
31) Cyclohexane	7.61	56	346858	109.430	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	296580	104.740	ug/l	98
36) 1,1-Dichloropropene	7.75	75	253870	108.232	ug/l	99
37) Ethyl Acetate	6.88	43	237170	107.641	ug/l	99
38) Carbon Tetrachloride	7.73	117	251656	106.270	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	345660	124.714	ug/l	99
40) Benzene	8.00	78	813397	109.336	ug/l	99
41) Methacrylonitrile	7.13	41	116868m	111.603	ug/l	
42) 1,2-Dichloroethane	8.09	62	266994	106.884	ug/l	99
43) Isopropyl Acetate	8.13	43	408710	112.246	ug/l #	92
44) Trichloroethene	8.80	130	198105	107.054	ug/l	96
45) 1,2-Dichloropropane	9.08	63	231986	107.879	ug/l	97
46) Dibromomethane	9.18	93	138486	111.476	ug/l	99
47) Bromodichloromethane	9.37	83	298638	109.756	ug/l	100
48) Methyl methacrylate	9.17	41	206153	119.660	ug/l	98
49) 1,4-Dioxane	9.17	88	84125	2505.028	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1350522	586.788	ug/l	100
52) Toluene	10.13	92	511937	114.074	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	328372	116.702	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	356078	115.360	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	209682	109.272	ug/l	99
56) Ethyl methacrylate	10.40	69	326587	126.035	ug/l	98
57) 1,3-Dichloropropane	10.68	76	352898	110.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	408287	657.417	ug/l	99
59) 2-Hexanone	10.72	43	971390	605.080	ug/l	100
60) Dibromochloromethane	10.88	129	235904	111.087	ug/l	100
61) 1,2-Dibromoethane	10.98	107	210890	114.377	ug/l	99
64) Tetrachloroethene	10.60	164	178603	105.181	ug/l	99
65) Chlorobenzene	11.41	112	560169	107.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	216061	107.071	ug/l	99
67) Ethyl Benzene	11.49	91	1030566	117.560	ug/l	100
68) m/p-Xylenes	11.60	106	772400	237.068	ug/l	99
69) o-Xylene	11.92	106	374114	119.574	ug/l	99
70) Styrene	11.94	104	671620	125.083	ug/l	99
71) Bromoform	12.10	173	181732	113.144	ug/l #	99
73) Isopropylbenzene	12.23	105	1004633	109.066	ug/l	100
74) N-amyl acetate	12.05	43	386640	117.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	314885	95.812	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	250323m	94.489	ug/l	
77) Bromobenzene	12.50	156	265020	104.612	ug/l	100
78) n-propylbenzene	12.57	91	1200466	114.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	706393	106.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	878798	115.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	107939	113.384	ug/l	98
82) 4-Chlorotoluene	12.75	91	744174	110.667	ug/l	99
83) tert-Butylbenzene	12.97	119	750807	114.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	880457	118.690	ug/l	100
85) sec-Butylbenzene	13.15	105	1016397	114.432	ug/l	100
86) p-Isopropyltoluene	13.26	119	916256	118.391	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474211	108.919	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	472745	106.980	ug/l	99
89) n-Butylbenzene	13.59	91	779000	119.273	ug/l	99
90) Hexachloroethane	13.85	117	169229	102.877	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	450281	107.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	53473	115.268	ug/l	98

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QLast Update : Wed Aug 19 05:46:25 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	245796	133.765	ug/l	98
94) Hexachlorobutadiene	14.99	225	158762	102.160	ug/l	99
95) Naphthalene	15.10	128	573437	139.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	244473	132.475	ug/l	99

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

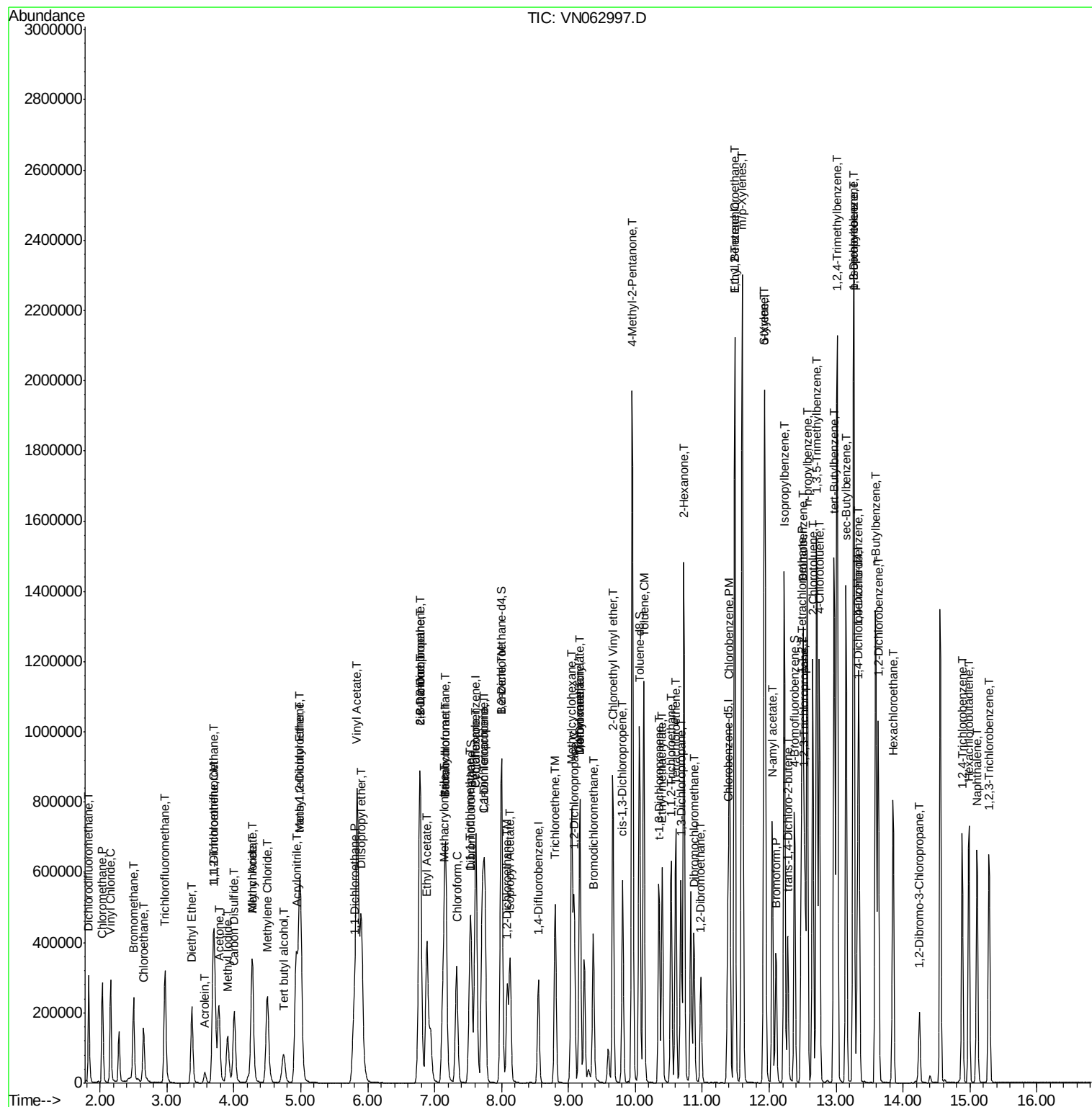
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062997.D
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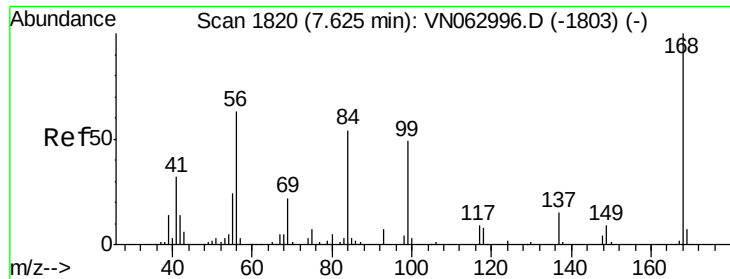
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 181457

Ion Ratio Lower Upper

168 100

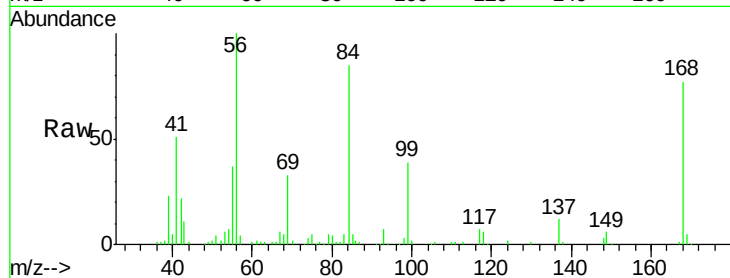
99 50.5 42.0 63.0

Manual Integrations

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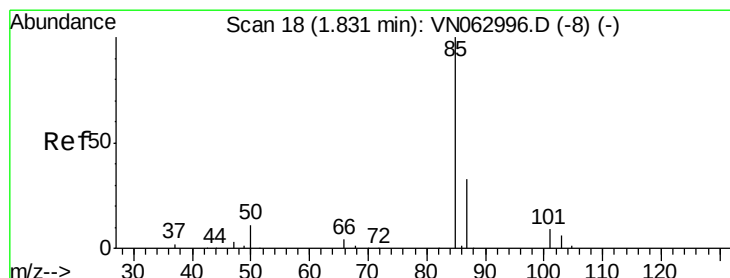
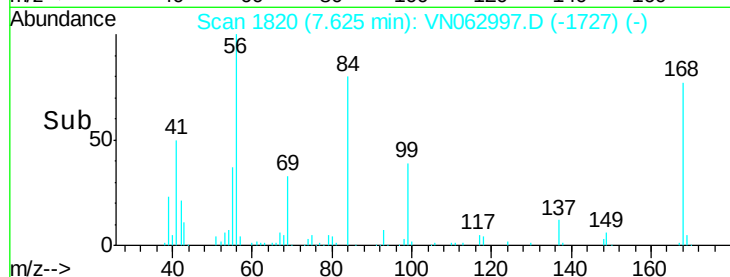
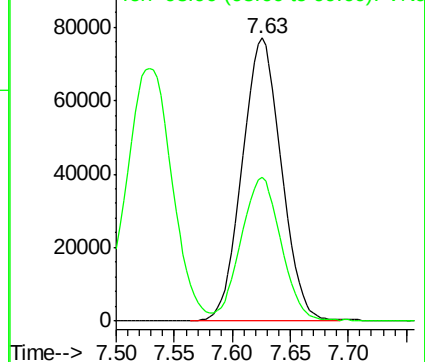
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 116.343 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062997.D

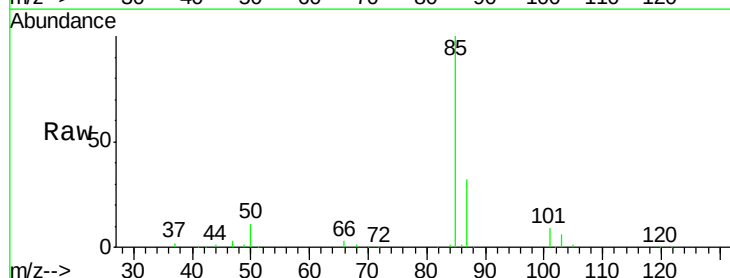
Acq: 18 Aug 2020 20:17

Tgt Ion: 85 Resp: 249968

Ion Ratio Lower Upper

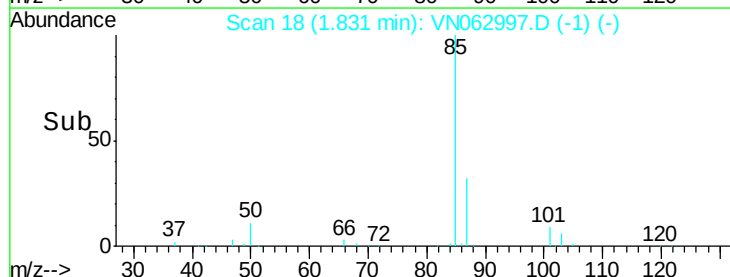
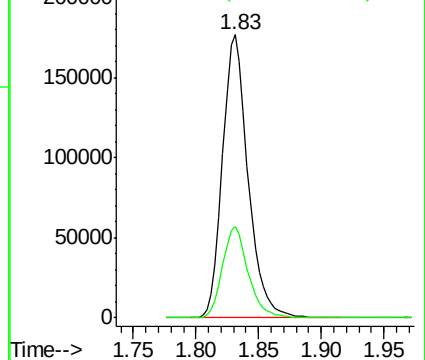
85 100

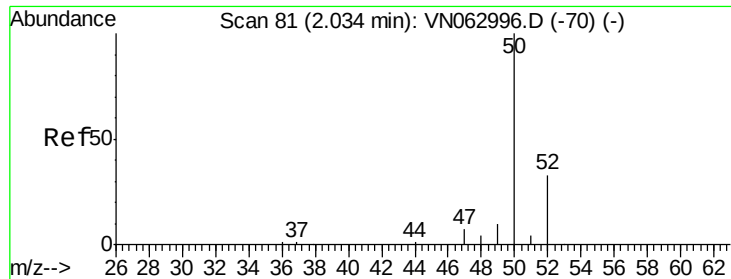
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 113.139 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 281492

Ion Ratio Lower Upper

50 100

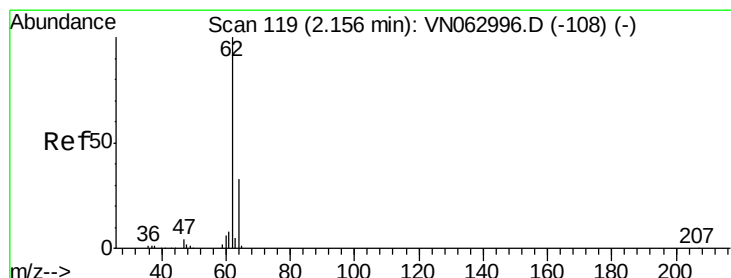
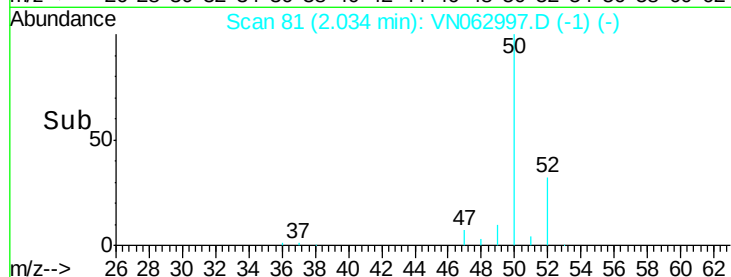
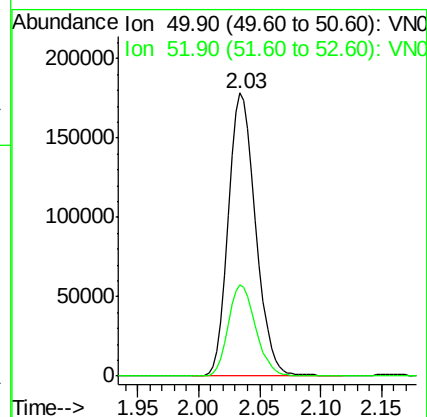
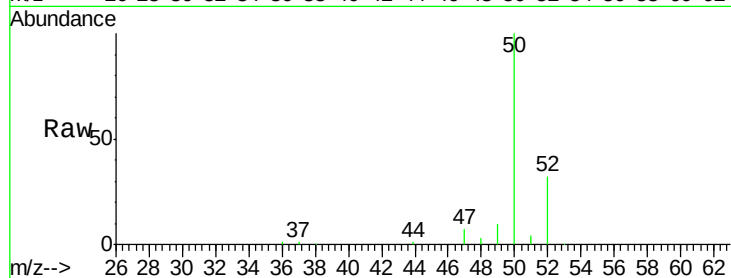
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 111.683 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062997.D

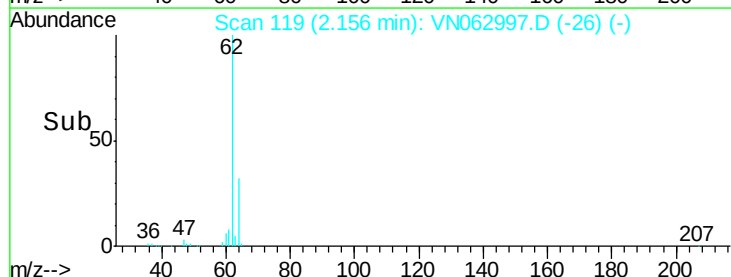
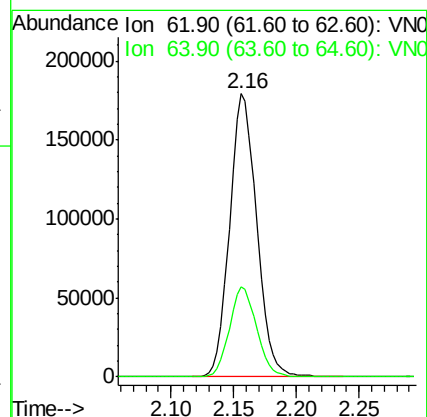
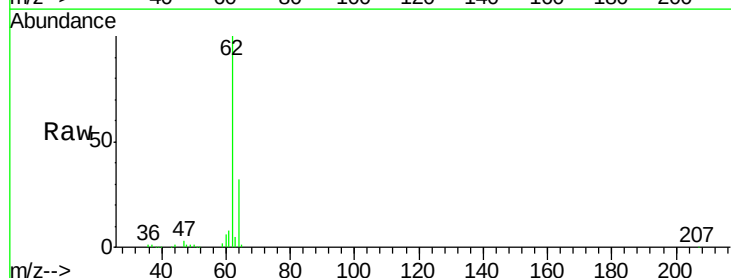
Acq: 18 Aug 2020 20:17

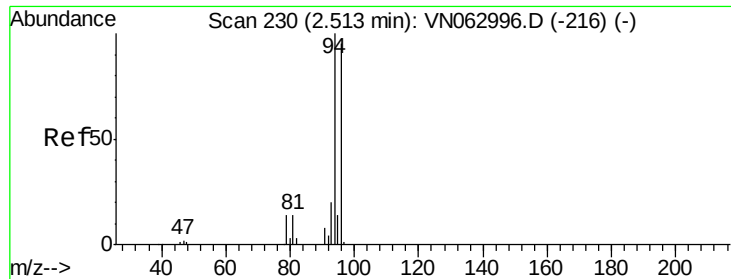
Tgt Ion: 62 Resp: 268723

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 112.256 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.01 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

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Tot Ion: 94 Resp: 160320

Ion Ratio Lower Upper

94 100

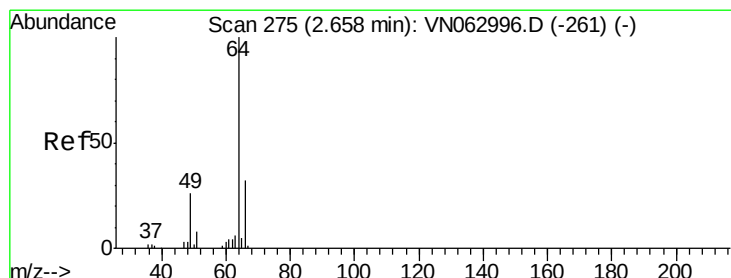
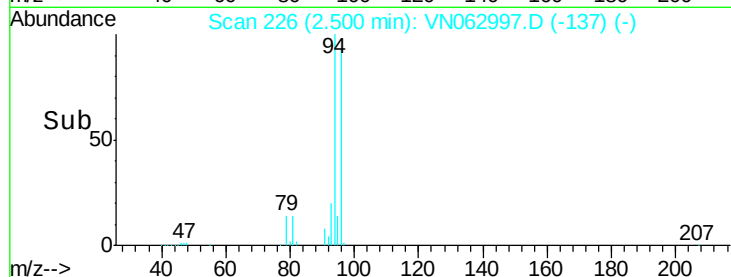
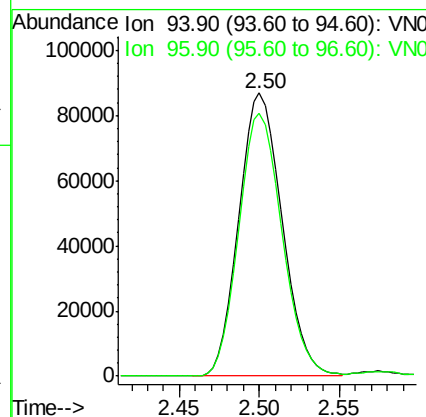
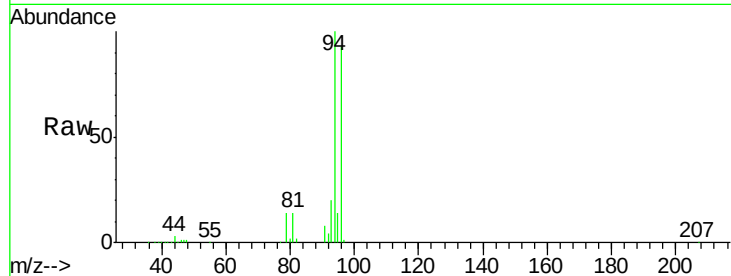
96 92.8 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 112.270 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062997.D

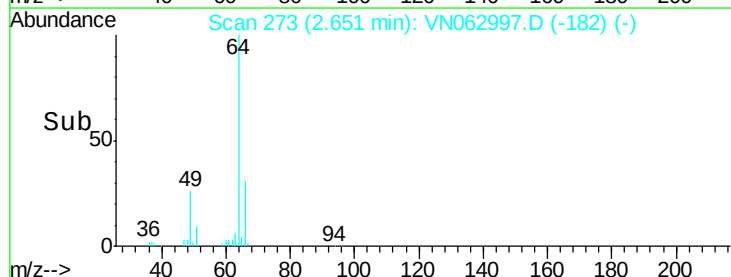
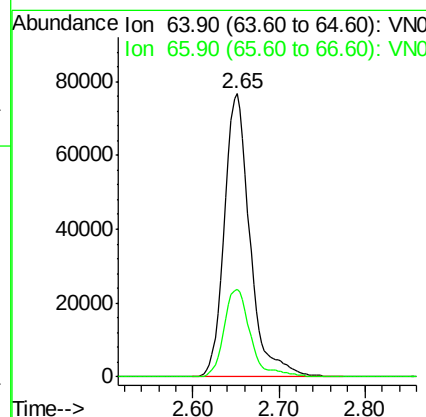
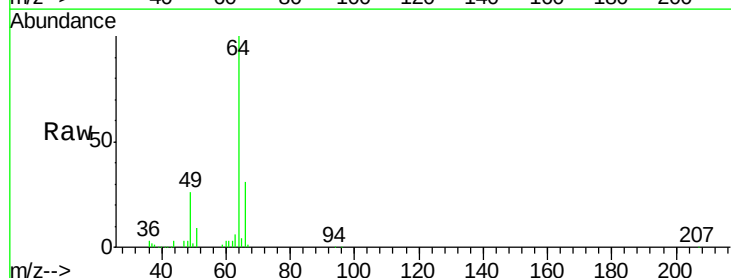
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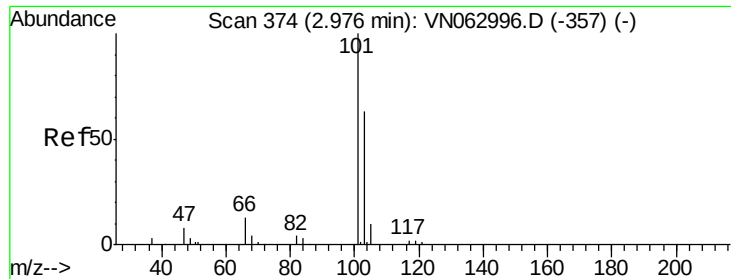
Tgt Ion: 64 Resp: 159492

Ion Ratio Lower Upper

64 100

66 31.0 25.4 38.0





#7

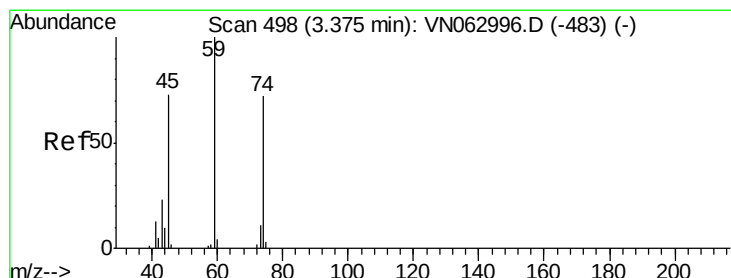
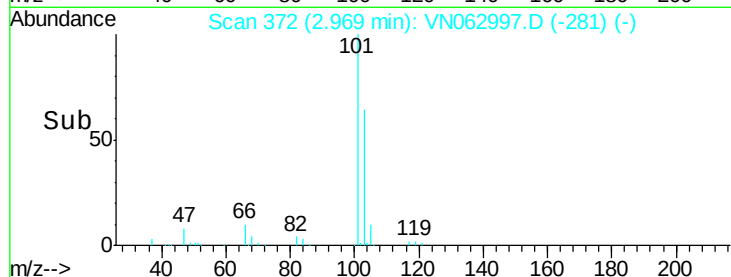
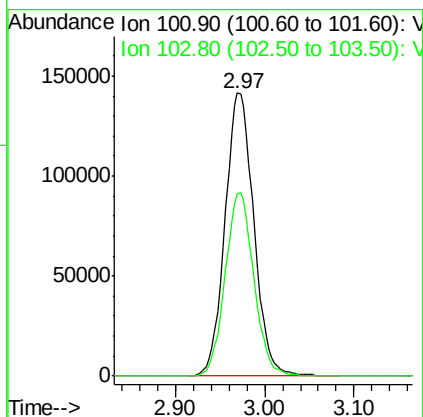
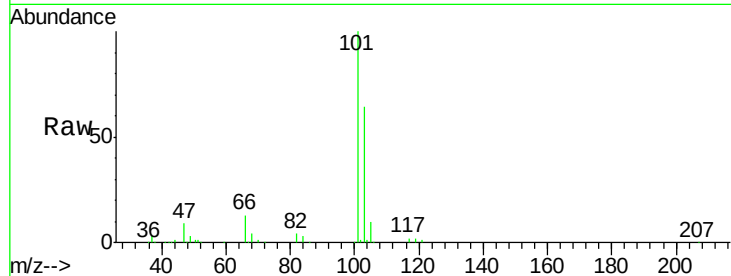
Trichlorofluoromethane
Concen: 105.361 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.01 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	316148		
103	64.3	50.5	75.7	

Manual Integrations
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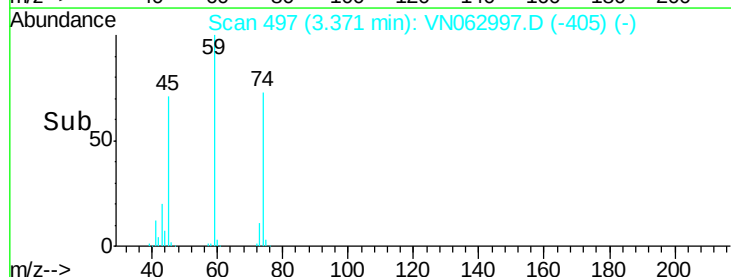
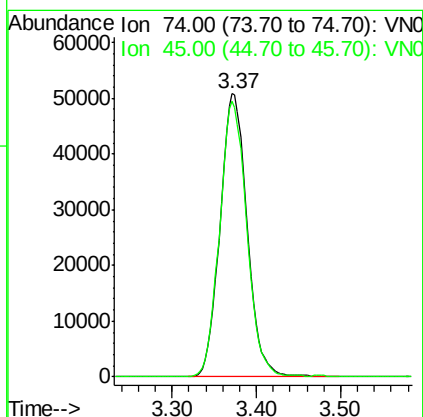
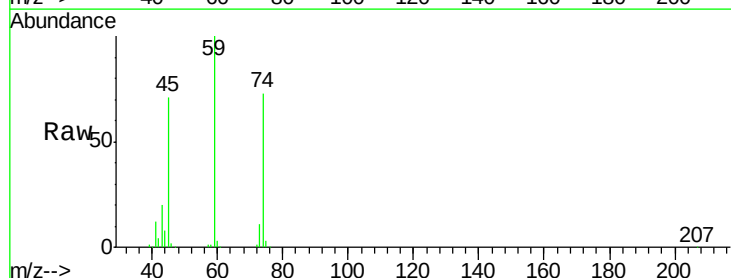
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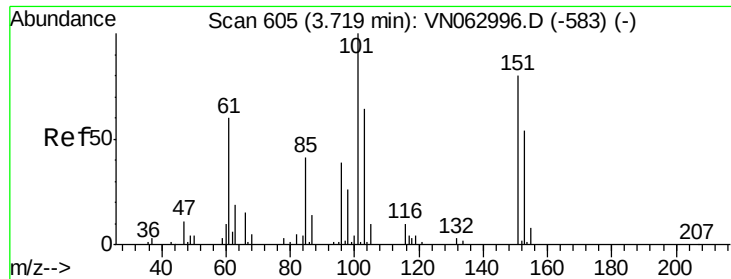


#8

Diethyl Ether
Concen: 106.776 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062997.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	113344		
45	97.5	49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.718 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

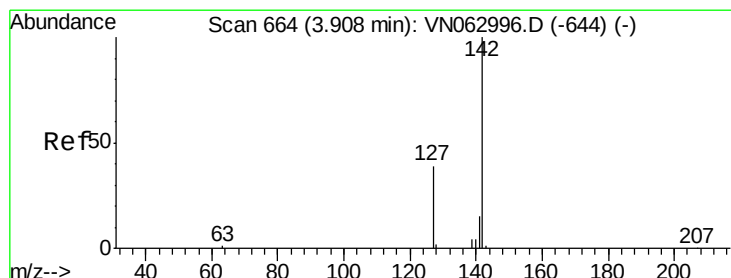
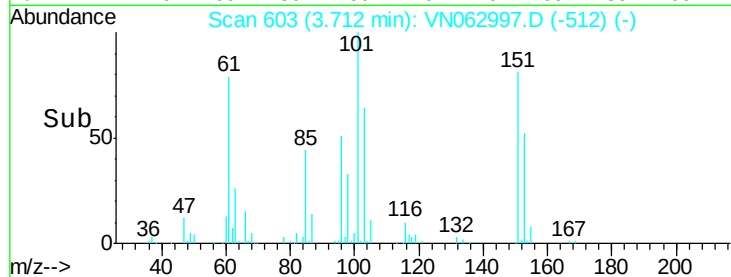
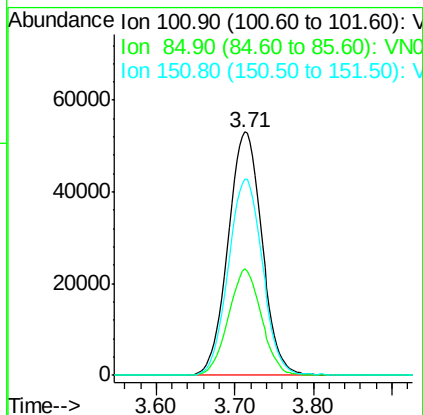
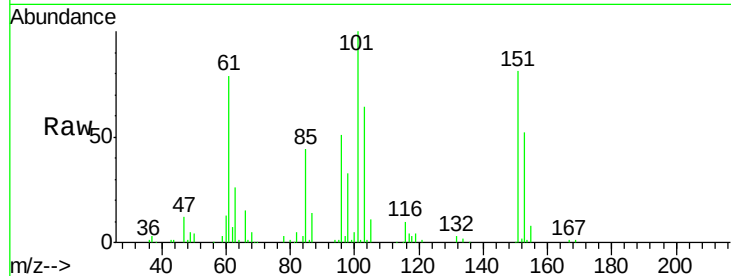
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	159616		
85	42.4	34.0	51.0	
151	81.2	65.8	98.8	

Manual Integrations
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#10

Methyl Iodide

Concen: 113.901 ug/l

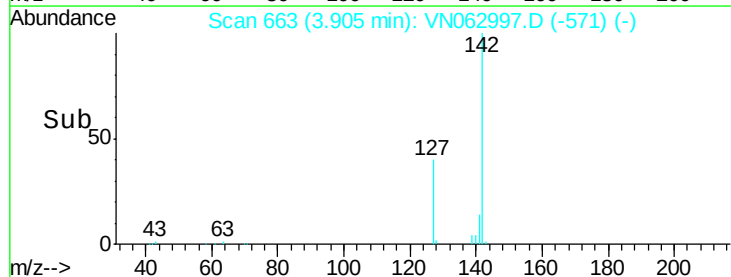
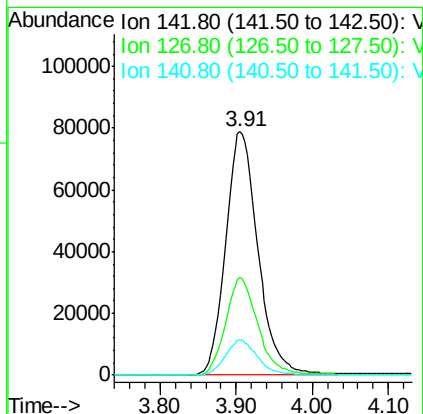
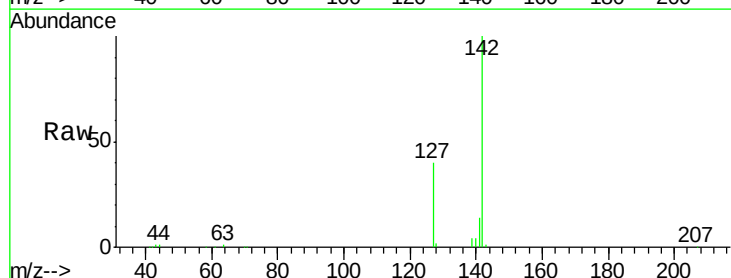
RT: 3.91 min Scan# 663

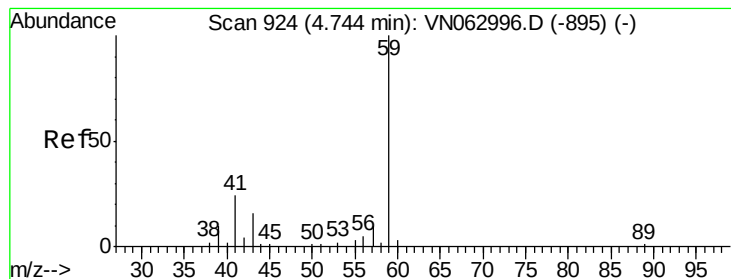
Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	233435		
127	39.9	32.2	48.4	
141	14.3	11.3	16.9	





#11

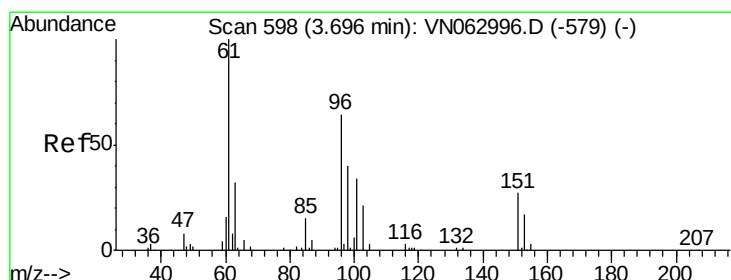
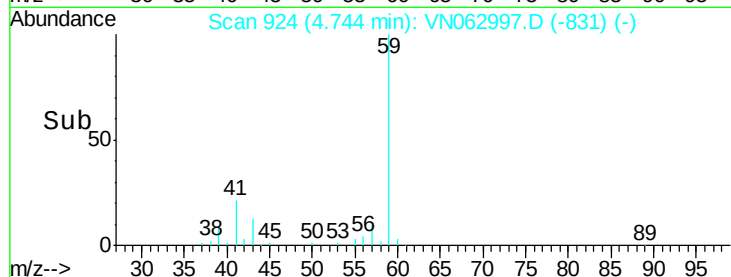
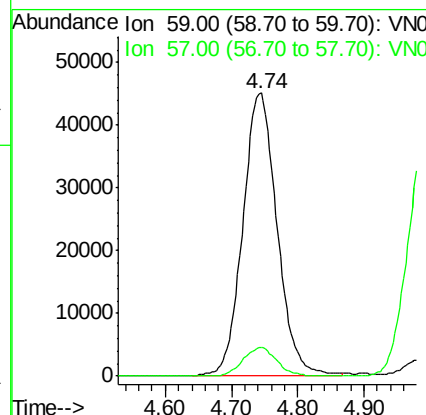
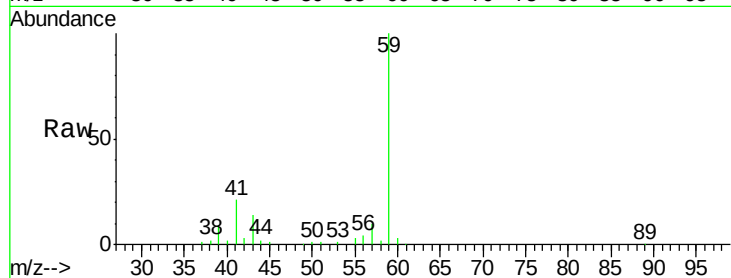
Tert butyl alcohol
 Concen: 533.833 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
59	100	162618		
57	9.8		7.8	11.6

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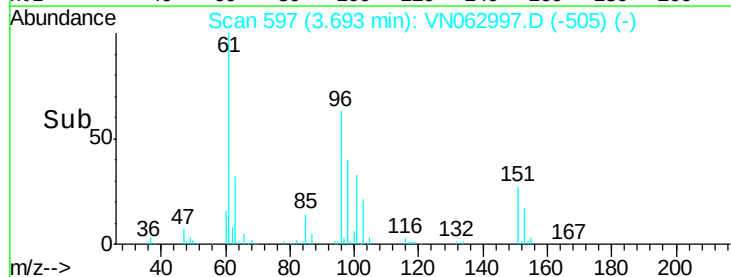
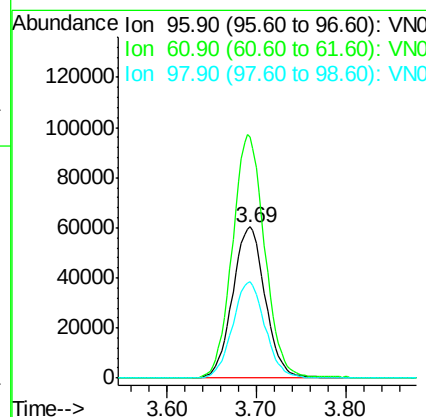
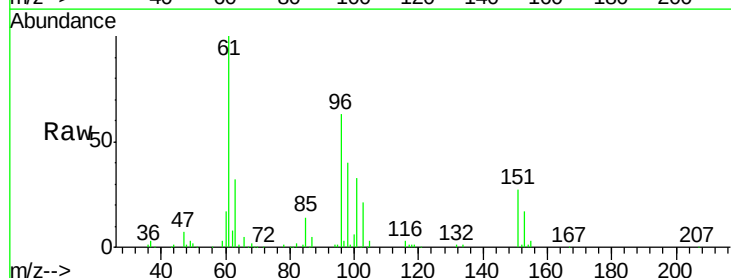
MMDadoda
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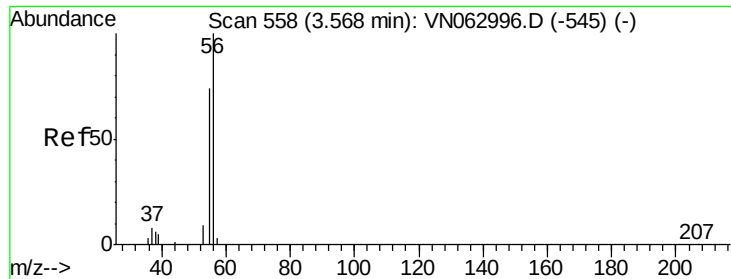


#12

1,1-Dichloroethene
 Concen: 99.610 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	153427		
61	159.6		125.5	188.3
98	63.7		50.4	75.6





#13

Acrolein

Concen: 379.469 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 36213

Ion Ratio Lower Upper

56 100

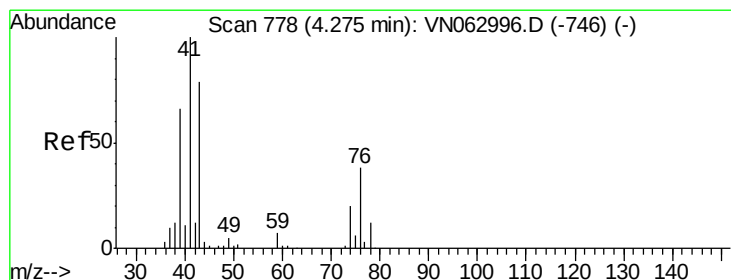
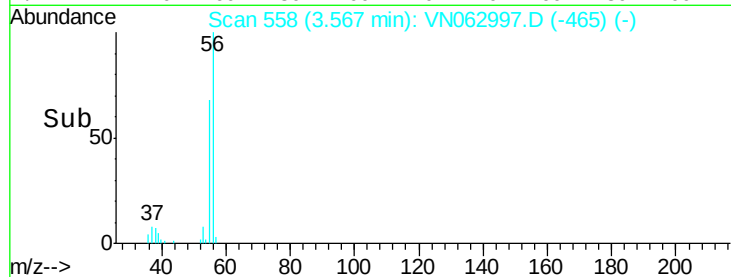
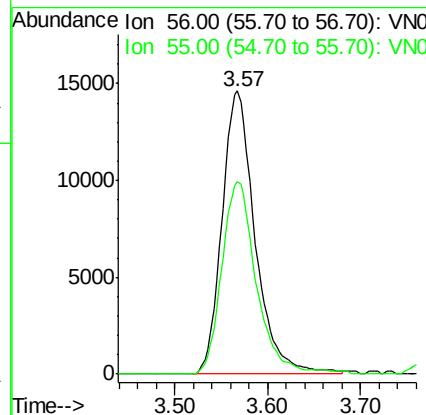
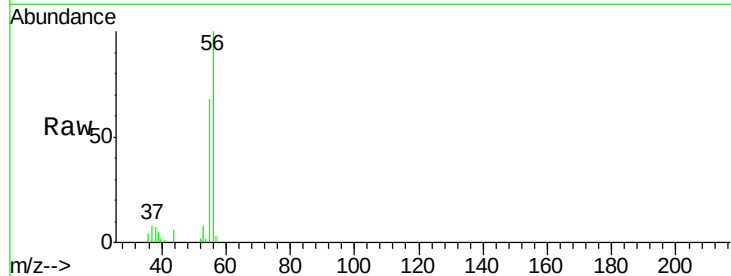
55 70.1 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 104.848 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

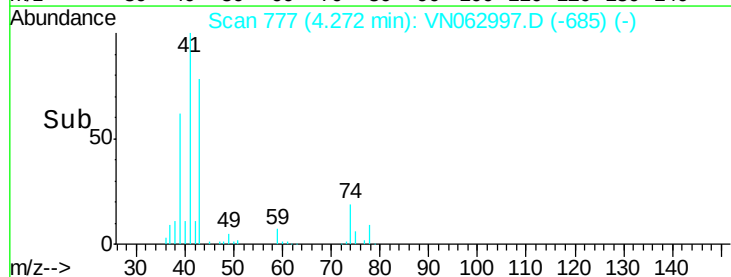
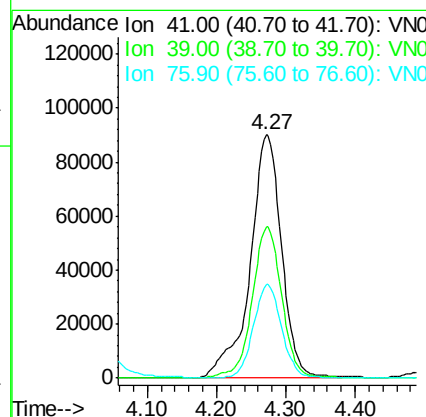
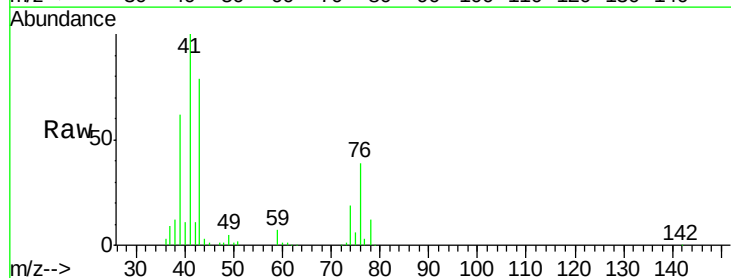
Tgt Ion: 41 Resp: 284746

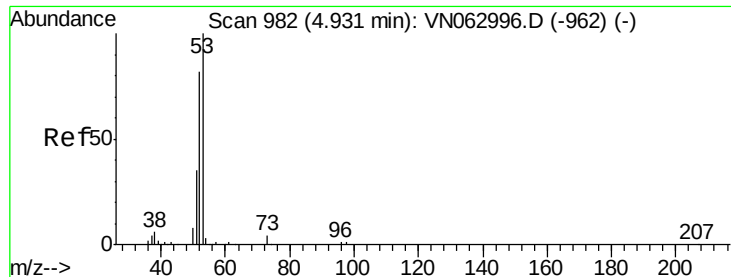
Ion Ratio Lower Upper

41 100

39 58.4 47.9 71.9

76 33.9 27.0 40.6





#15

Acrylonitrile

Concen: 550.759 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

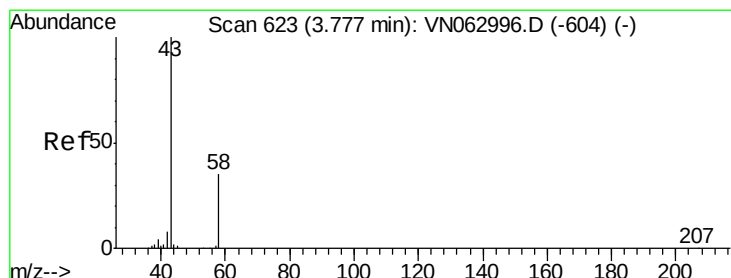
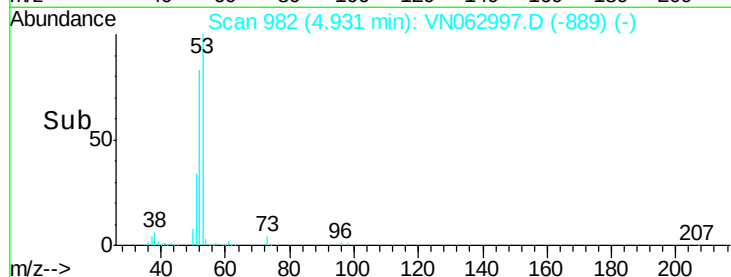
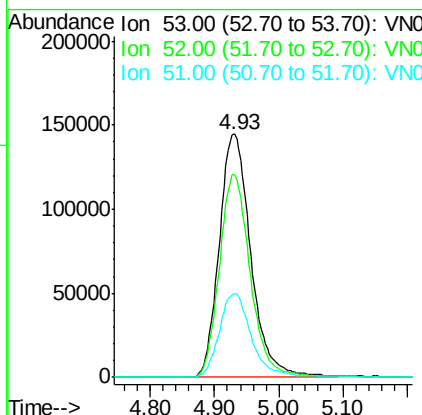
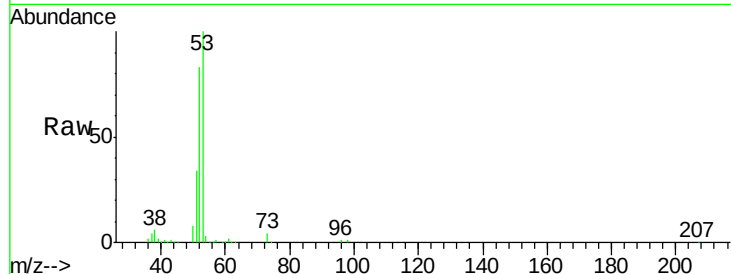
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	493120
Ion Ratio		Lower	Upper
53	100		
52	81.2	65.6	98.4
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 483.249 ug/l

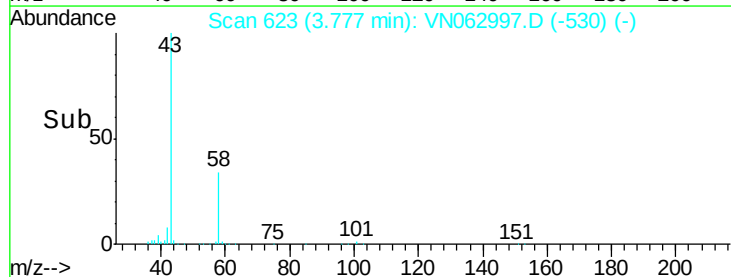
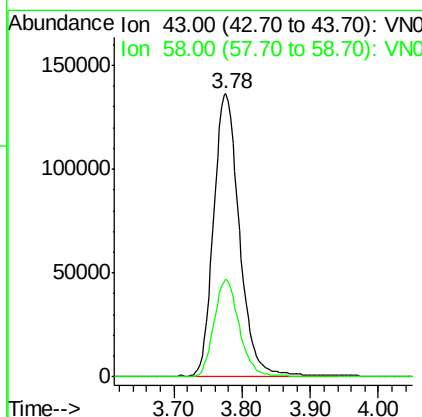
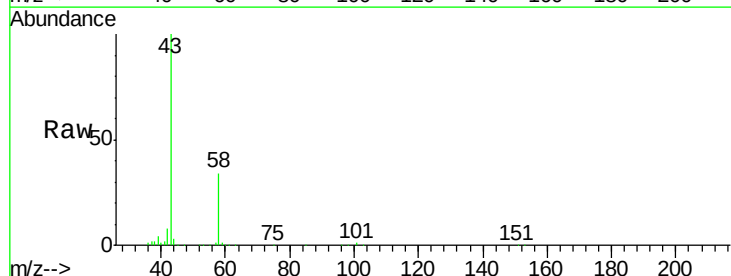
RT: 3.78 min Scan# 623

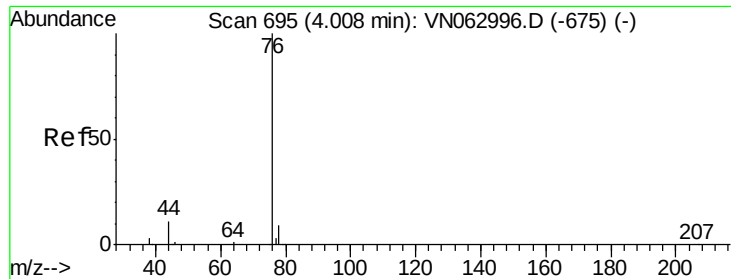
Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion:	43	Resp:	353904
Ion Ratio		Lower	Upper
43	100		
58	34.3	27.8	41.6





#17

Carbon Disulfide

Concen: 106.269 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 428671

Ion Ratio Lower Upper

76 100

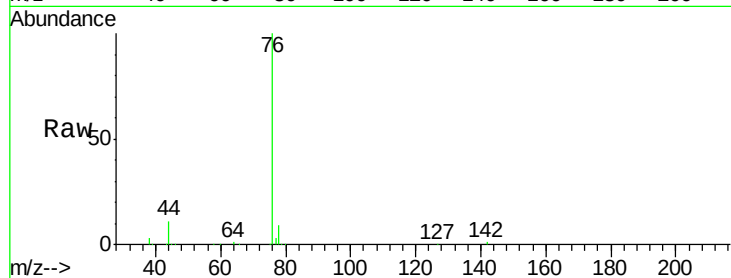
78 9.2 6.9 10.3

Manual Integrations

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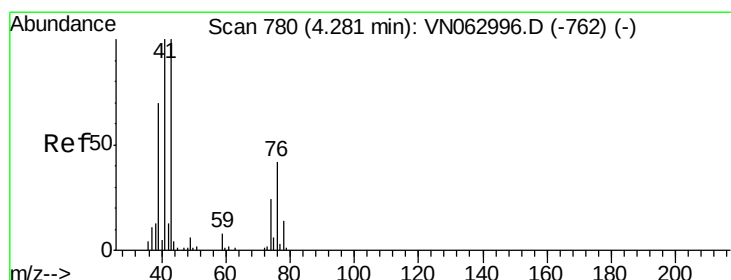
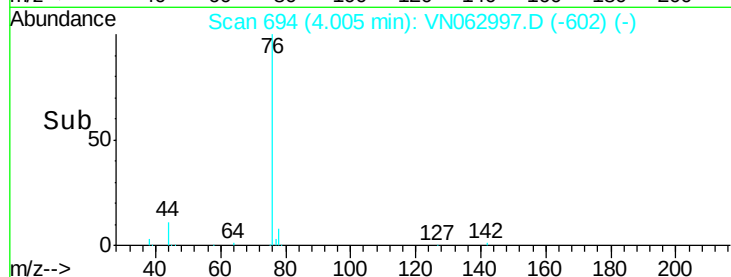
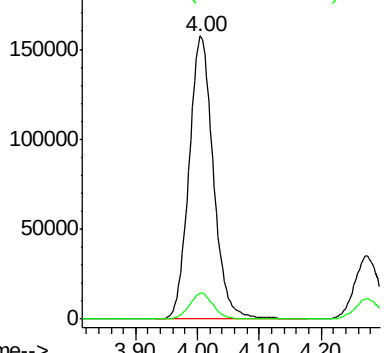
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 99.792 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062997.D

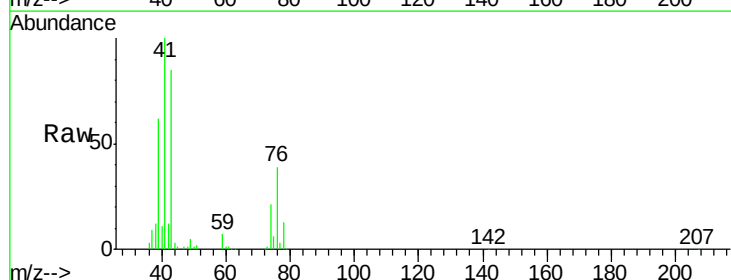
Acq: 18 Aug 2020 20:17

Tgt Ion: 43 Resp: 213276

Ion Ratio Lower Upper

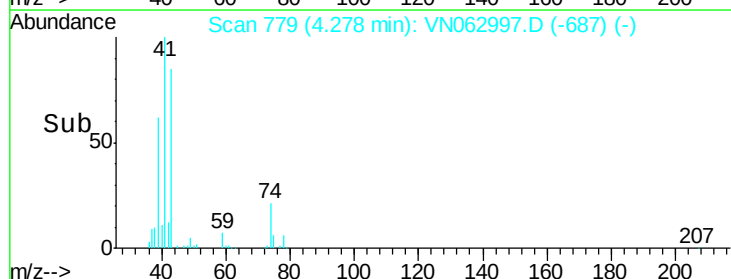
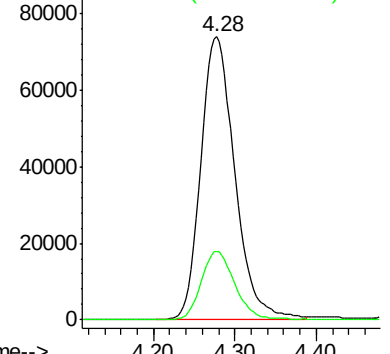
43 100

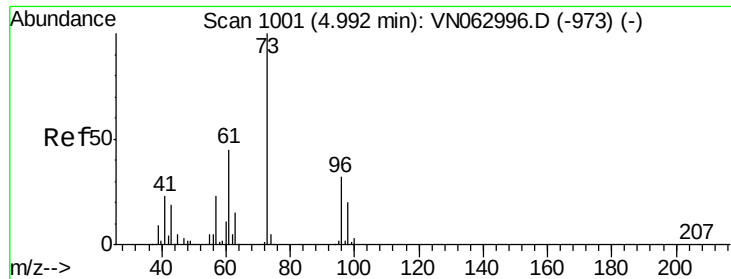
74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





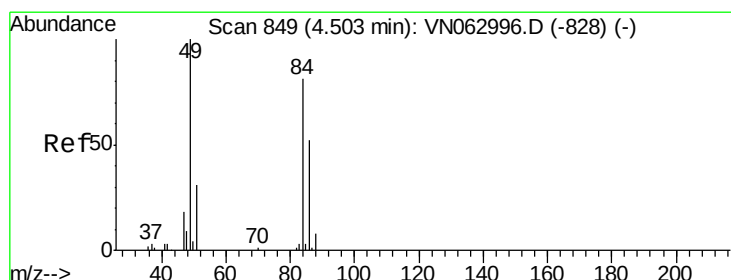
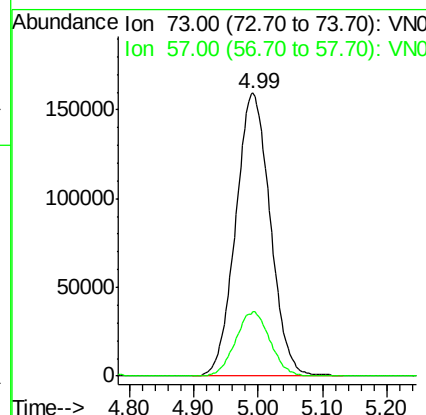
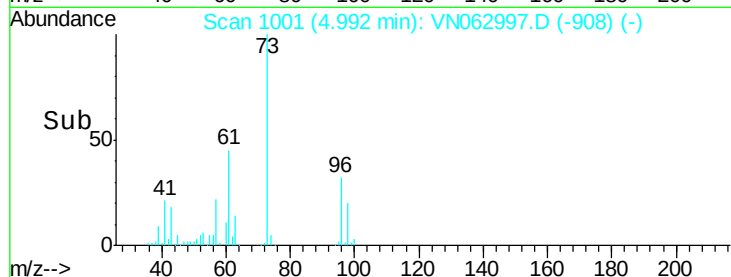
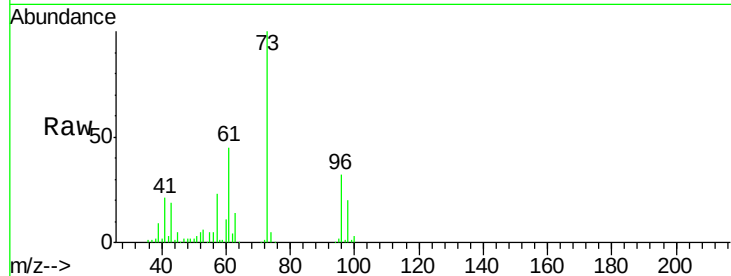
#19
Methvl tert-butvl Ether
Concen: 110.686 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.1	27.1

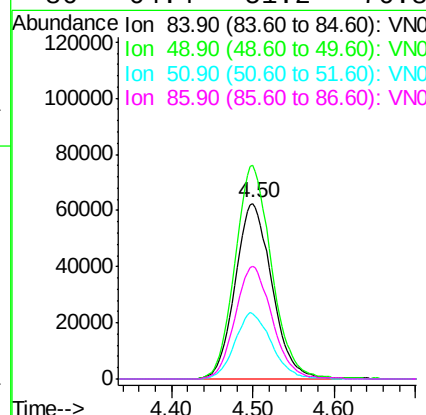
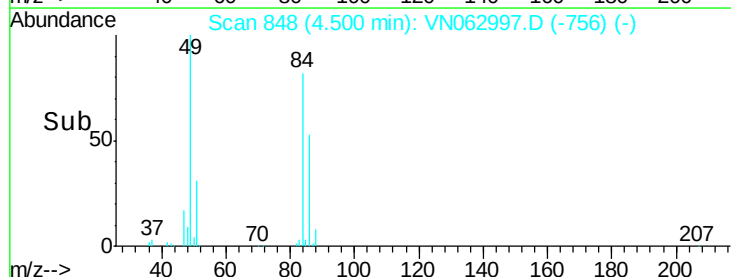
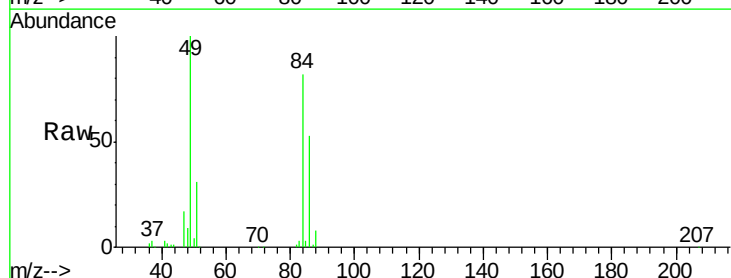
Manual Integrations
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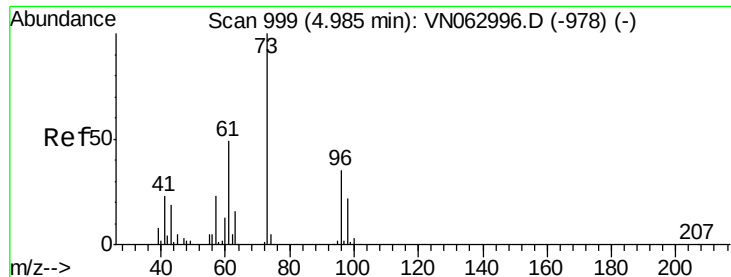
MMDadoda
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#20
Methylene Chloride
Concen: 81.253 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	98.7	148.1
51	37.2	30.8	46.2
86	64.4	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 105.004 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

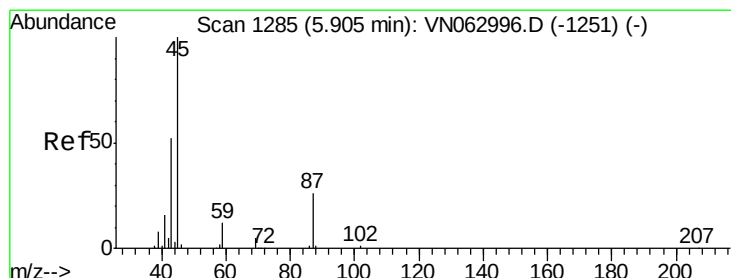
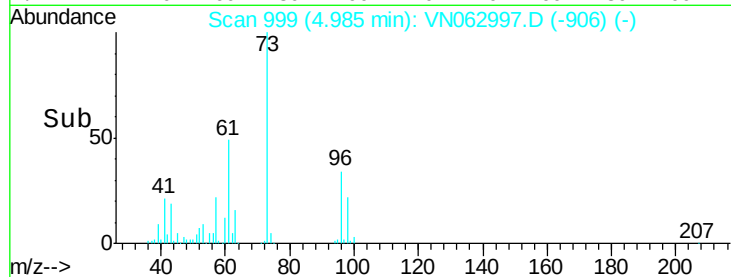
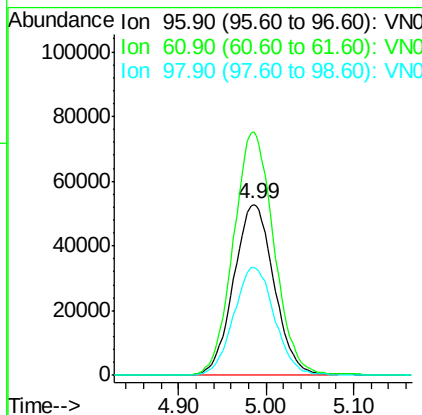
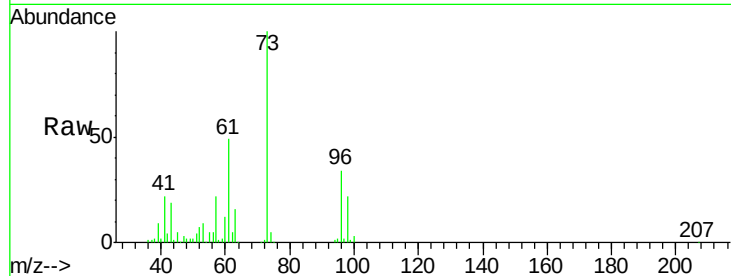
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	169258
Ion	Ratio	Lower	Upper
96	100		
61	142.0	112.5	168.7
98	63.4	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 107.561 ug/l

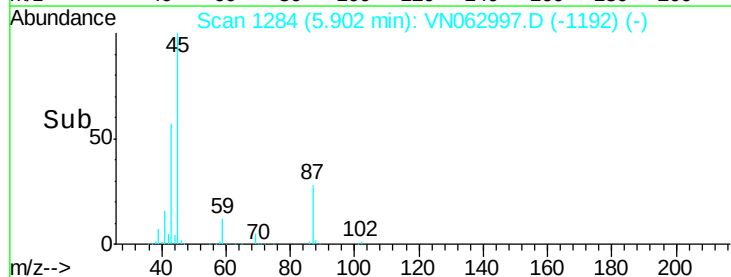
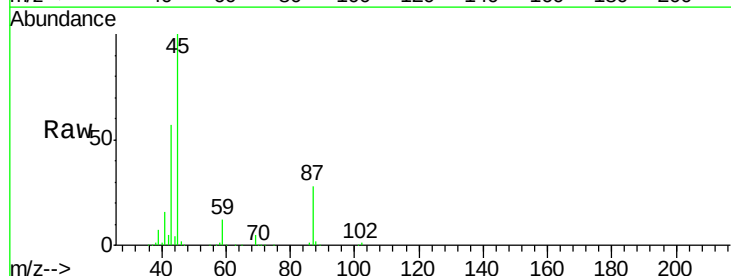
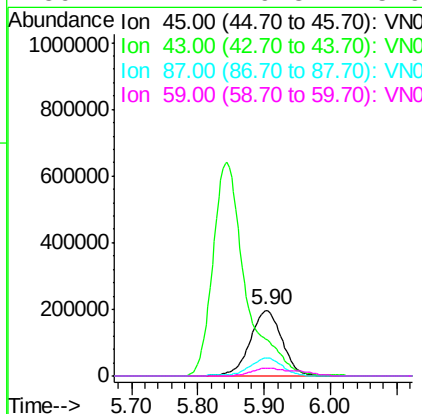
RT: 5.90 min Scan# 1284

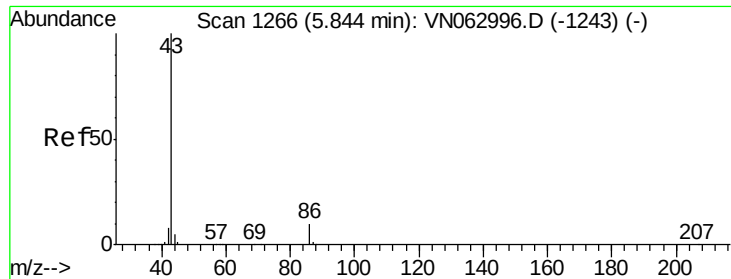
Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion:	45	Resp:	662883
Ion	Ratio	Lower	Upper
45	100		
43	55.6	45.7	68.5
87	27.7	21.8	32.6
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 529.658 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2202718

Ion Ratio Lower Upper

43 100

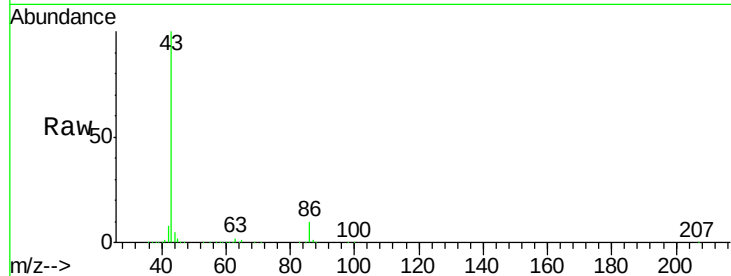
86 10.2 8.0 12.0

Manual Integrations

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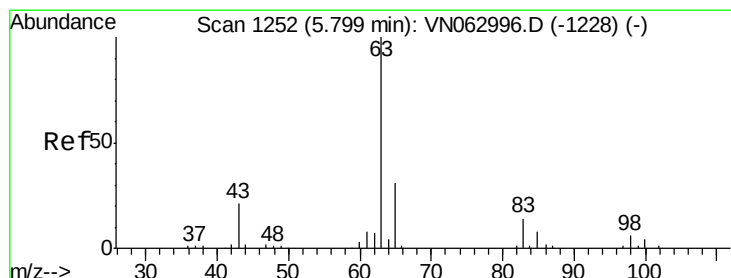
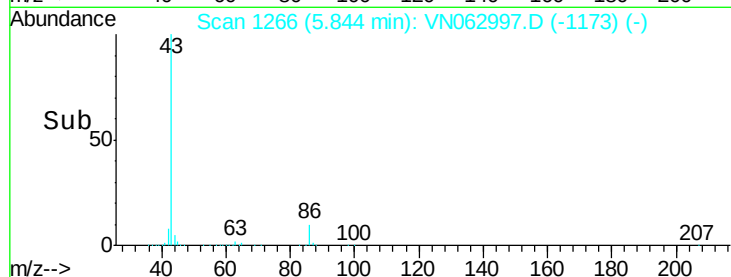
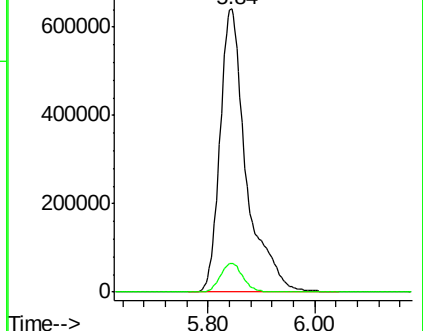
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 102.175 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

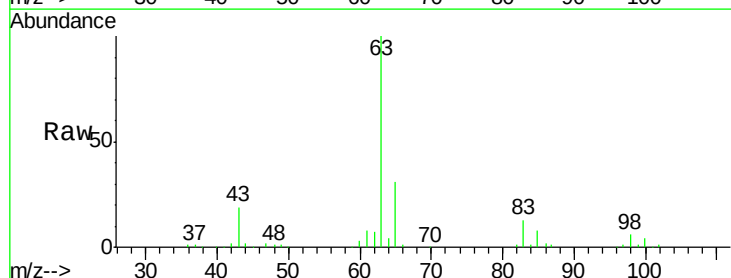
Tgt Ion: 63 Resp: 351874

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

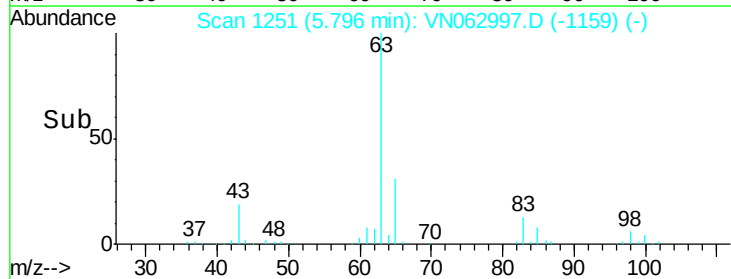
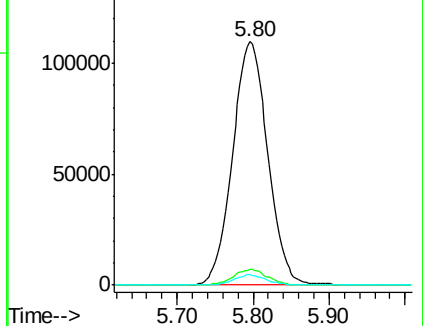
100 4.2 2.0 5.8

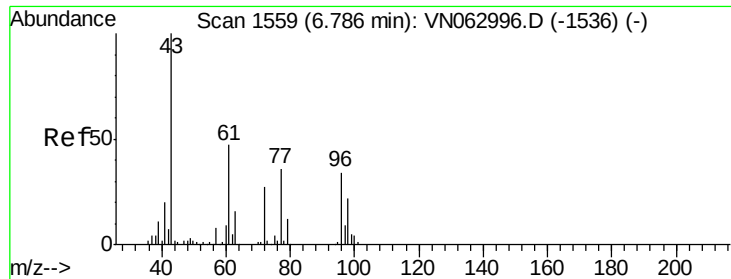


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 544.592 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 621794

Ion Ratio Lower Upper

43 100

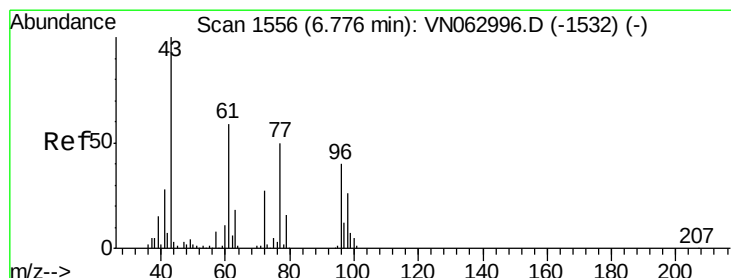
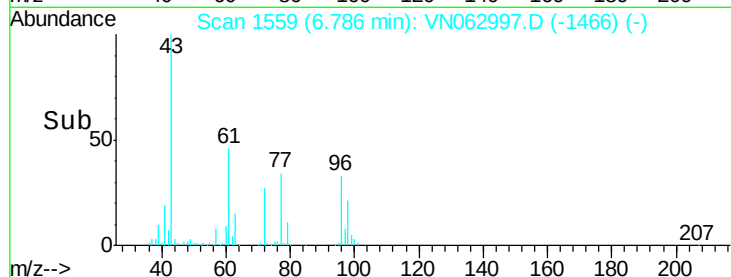
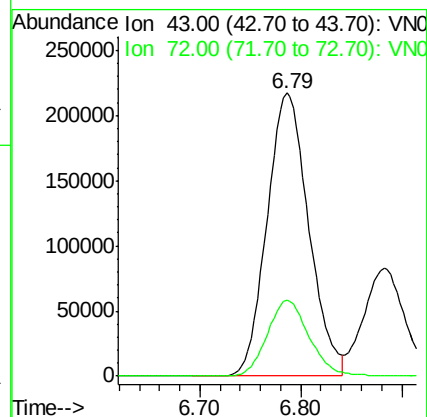
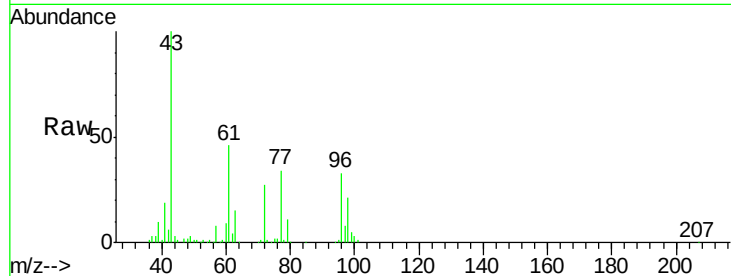
72 26.9 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 101.391 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062997.D

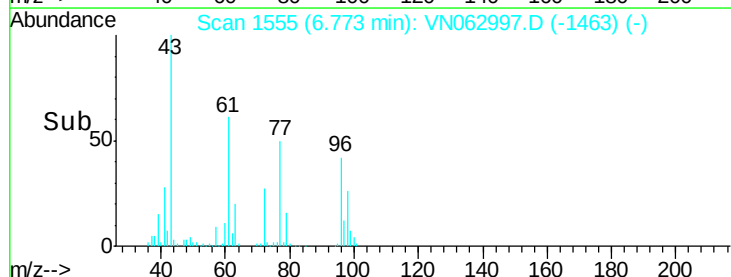
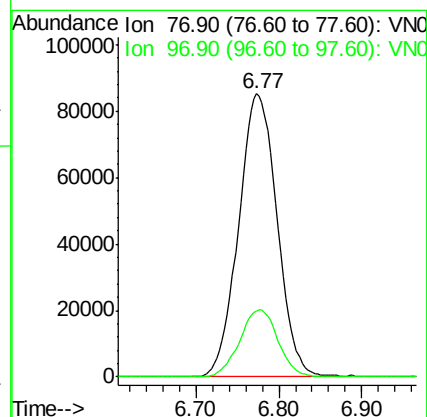
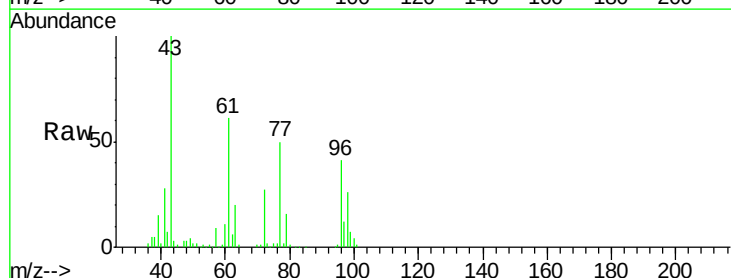
Acq: 18 Aug 2020 20:17

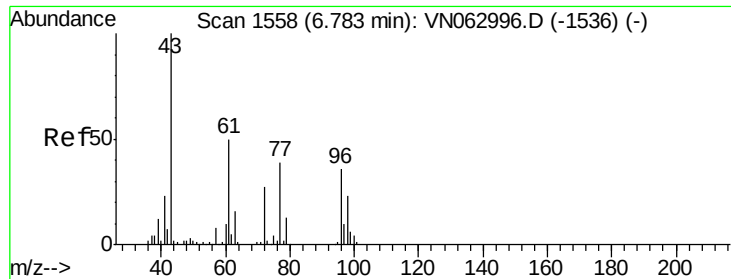
Tgt Ion: 77 Resp: 274604

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 107.152 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

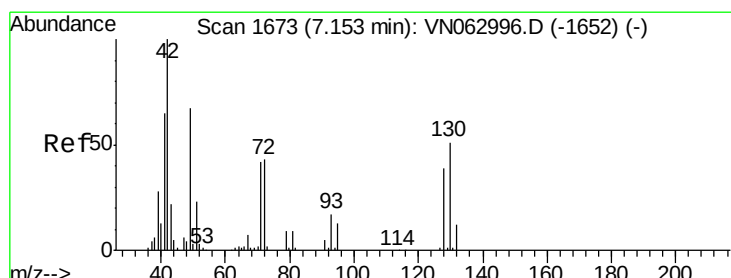
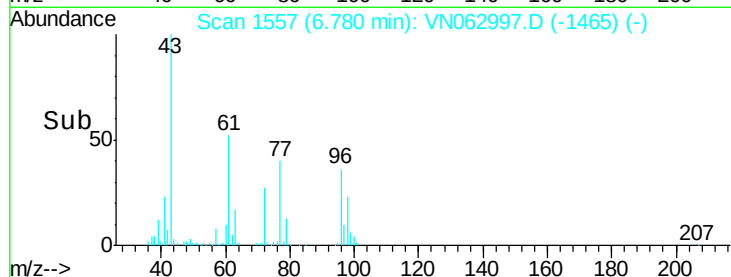
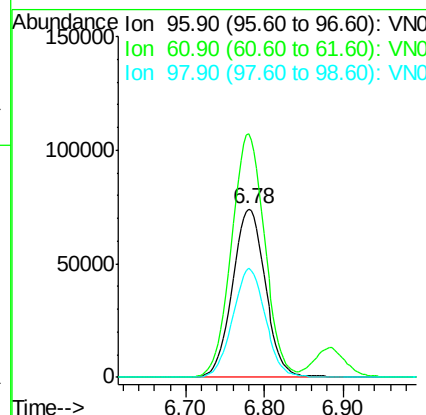
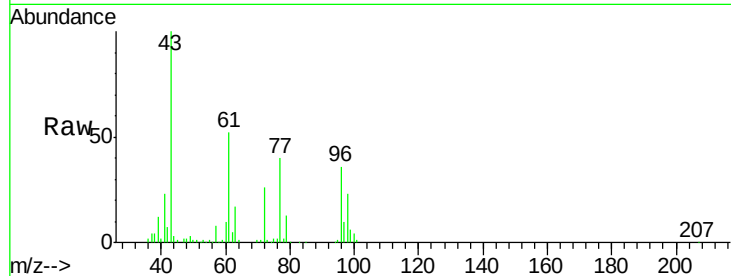
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	216489
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	292.8
98	64.2	0.0	130.6

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#28

Bromochloromethane

Concen: 103.047 ug/l

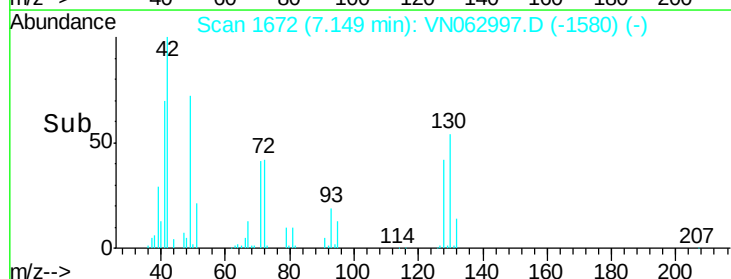
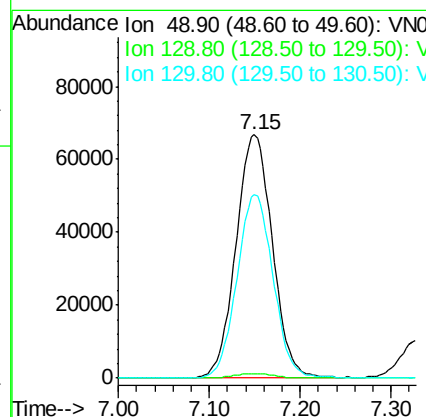
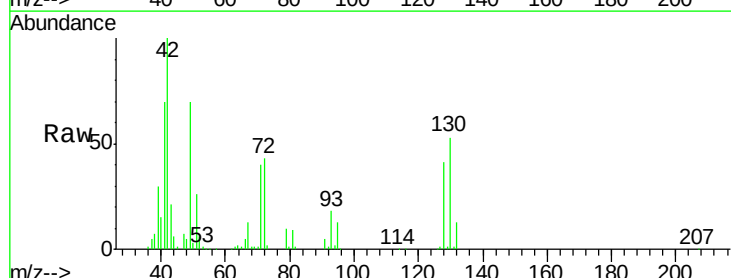
RT: 7.15 min Scan# 1672

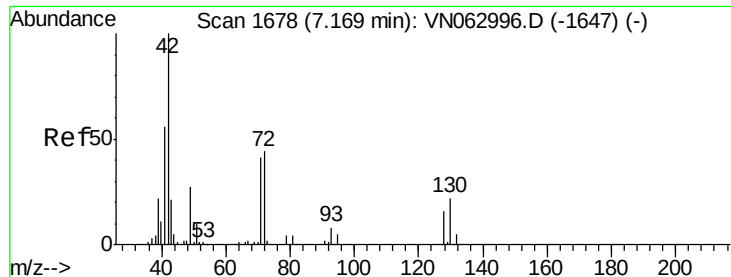
Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion:	49	Resp:	185682
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	74.9	61.1	91.7





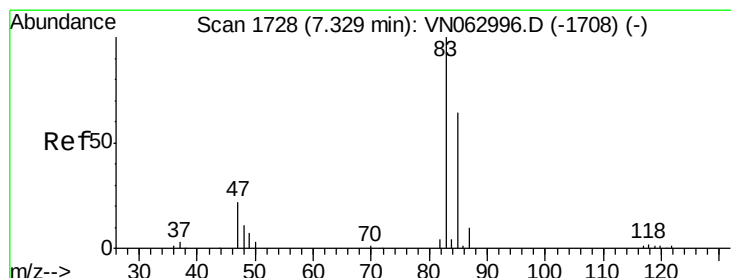
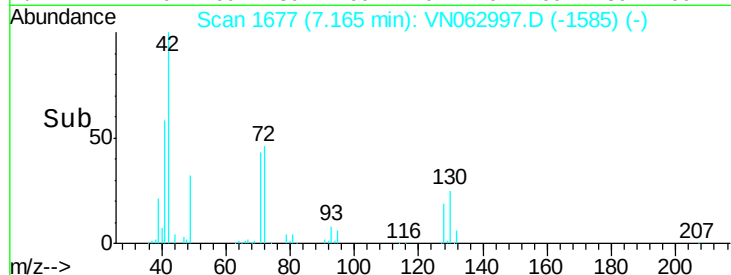
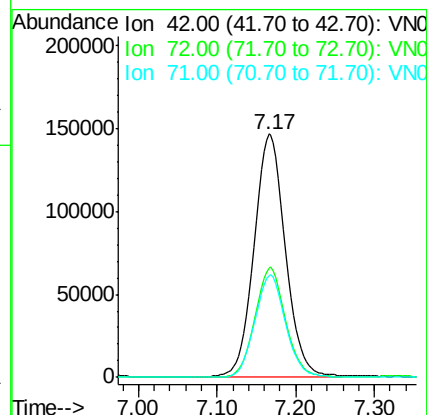
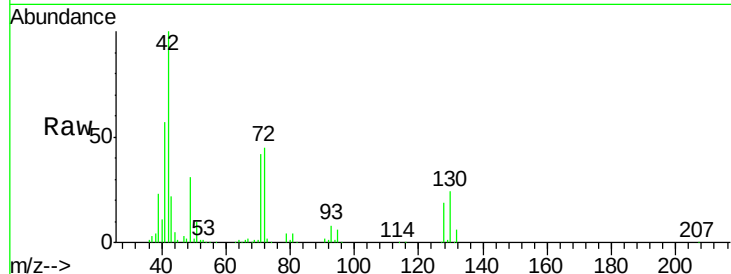
#29
Tetrahydrofuran
Concen: 565.357 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	42	Resp:	416607
Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	52.0
71	41.3	32.3	48.5

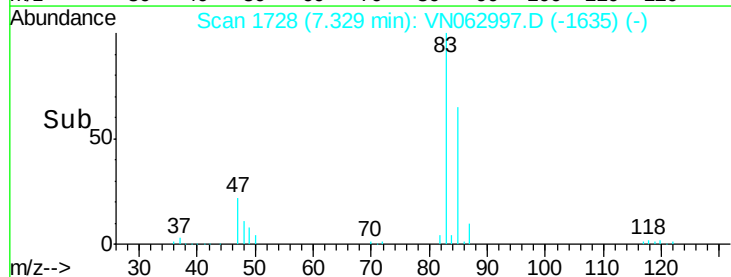
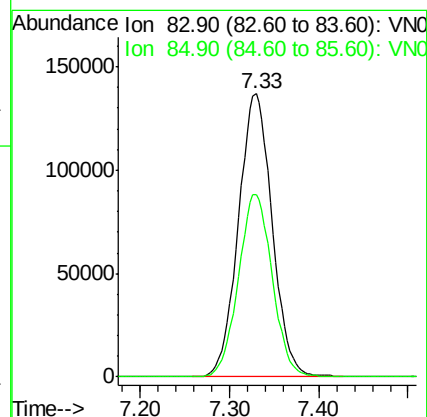
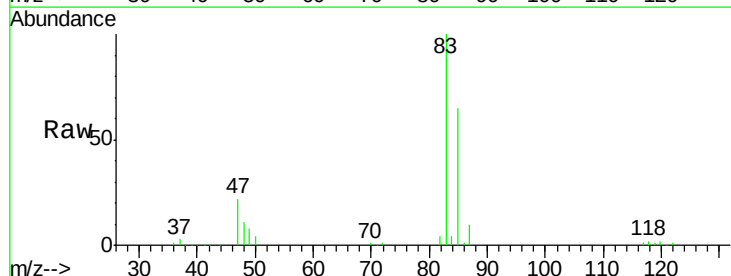
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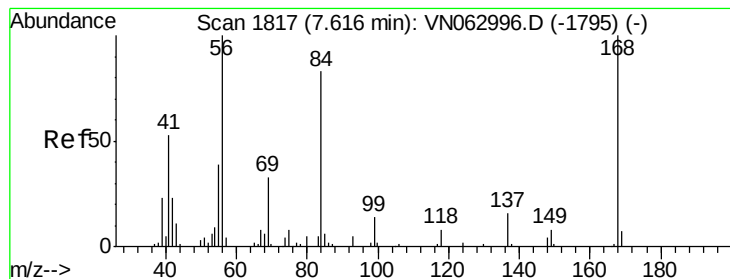
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#30
Chloroform
Concen: 103.817 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:	83	Resp:	360076
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31

Cyclohexane

Concen: 109.430 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 346858

Ion Ratio Lower Upper

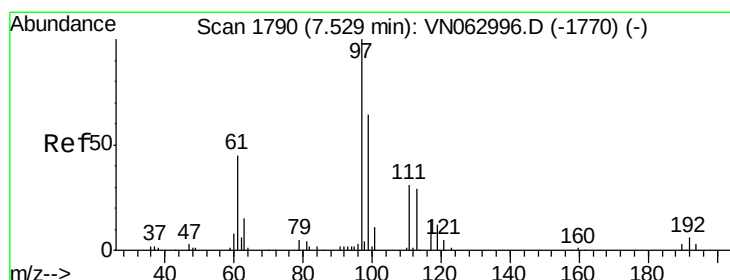
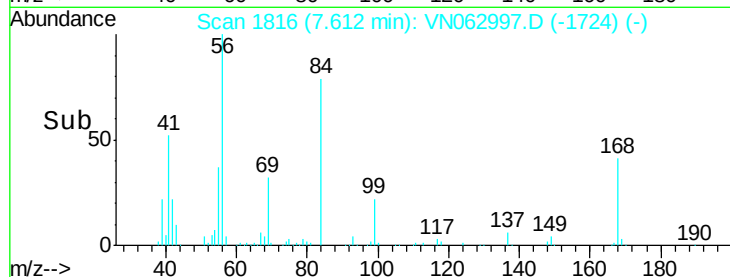
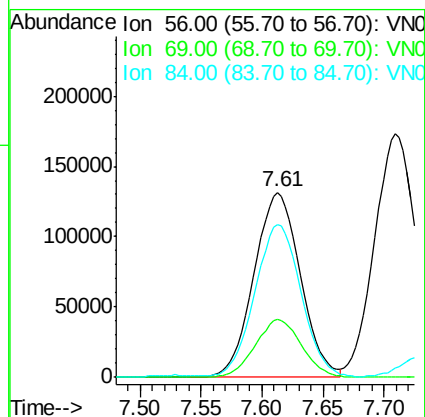
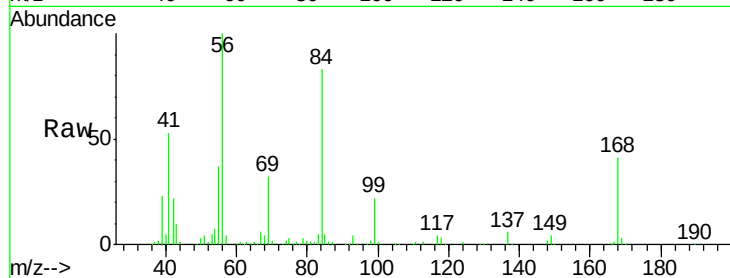
56 100

69 31.5 26.6 40.0

84 81.8 66.4 99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 104.740 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

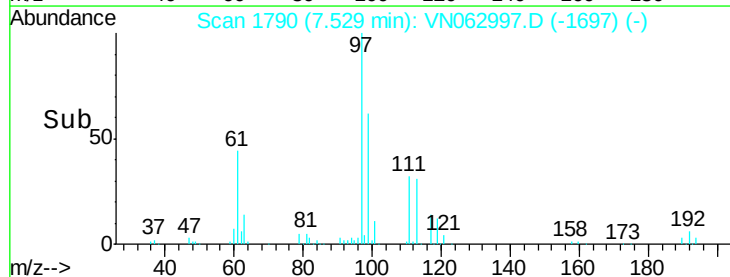
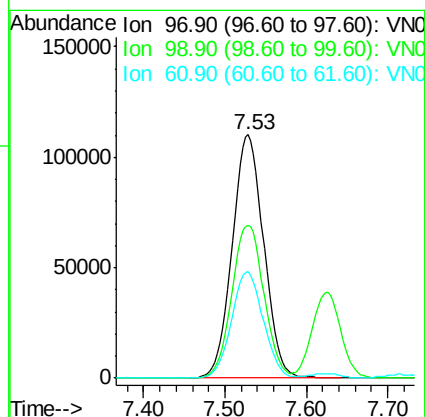
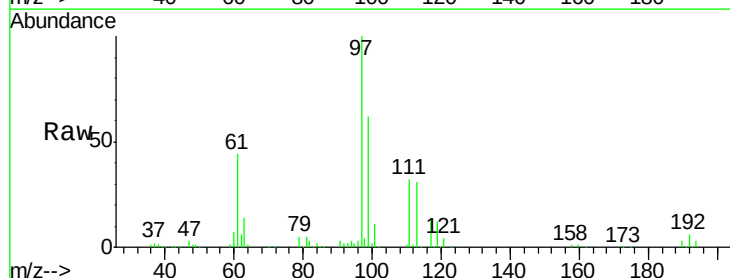
Tgt Ion: 97 Resp: 296580

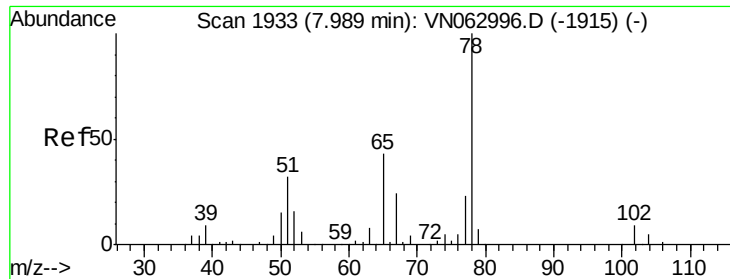
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 44.0 36.2 54.4





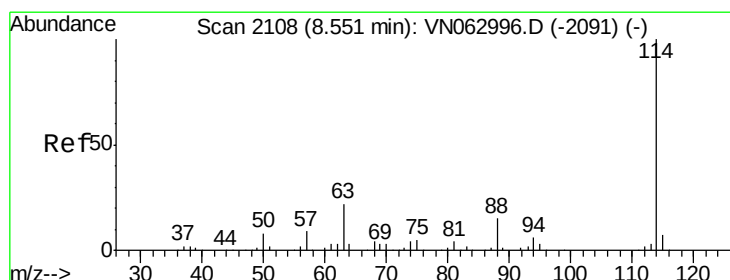
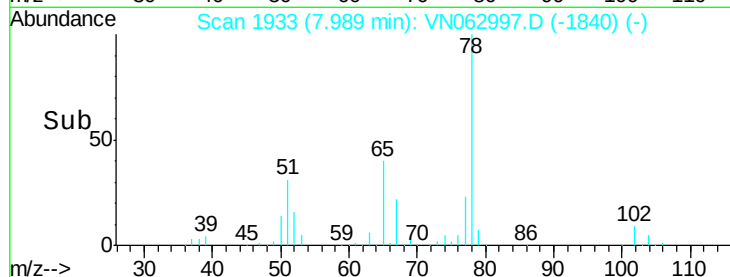
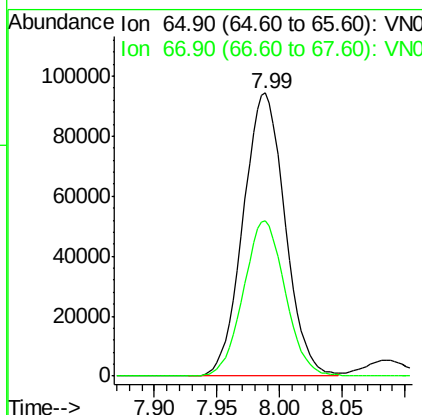
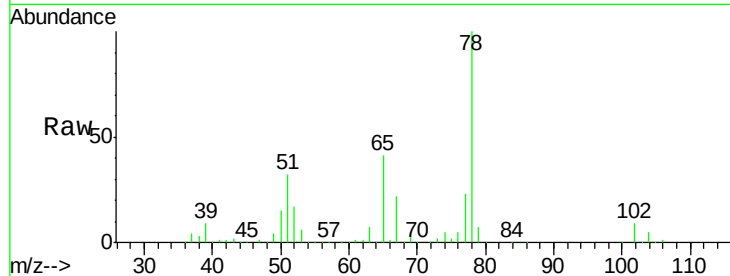
#33
 1,2-Dichloroethane-d4
 Concen: 102.134 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219649		
67	54.7	0.0	112.0	

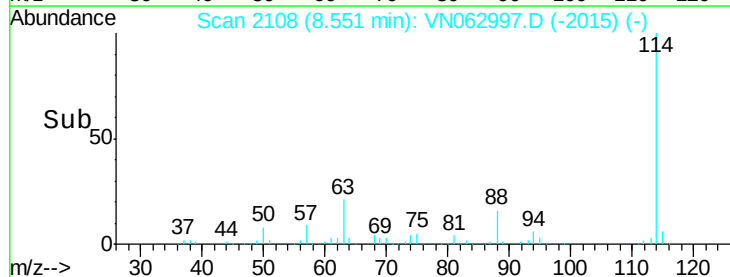
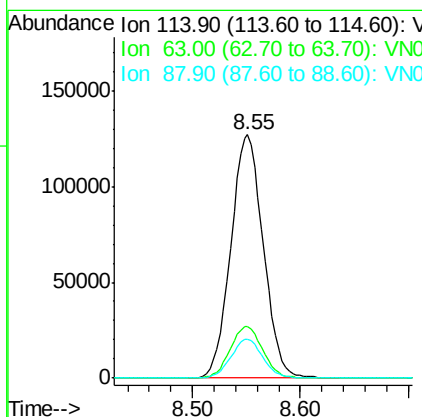
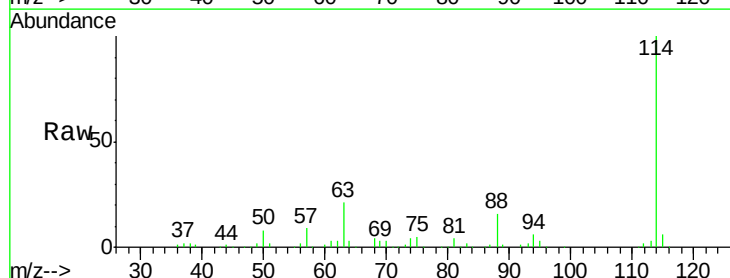
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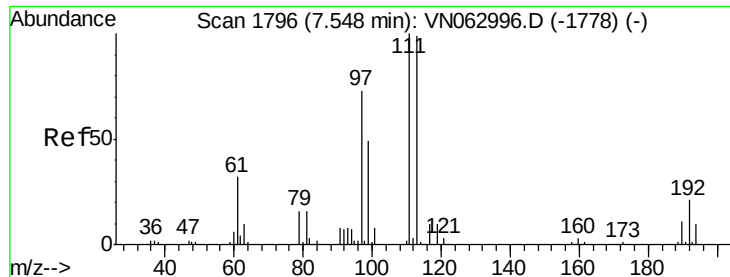
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	266168		
63	21.2	0.0	43.2	
88	16.1	0.0	30.6	





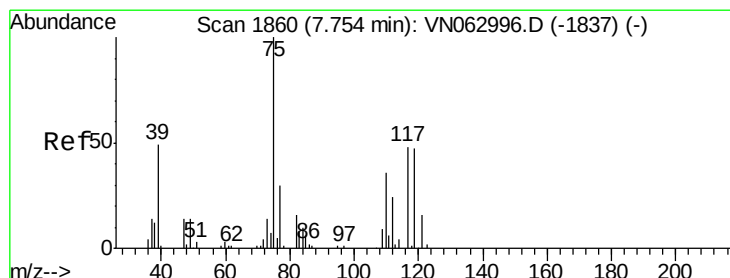
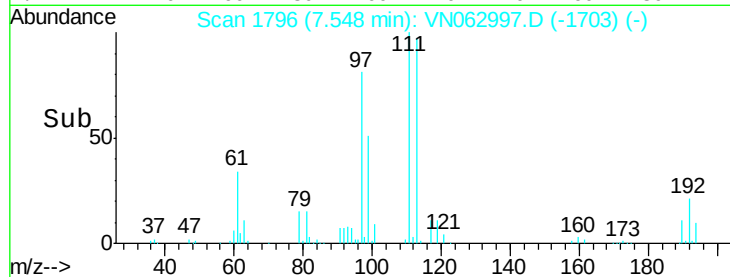
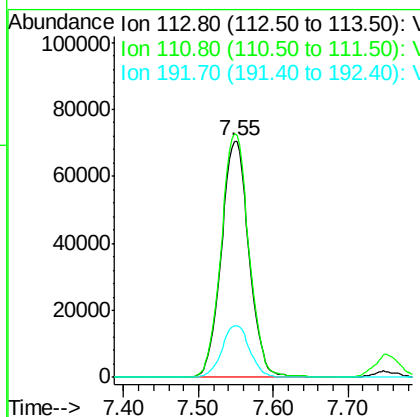
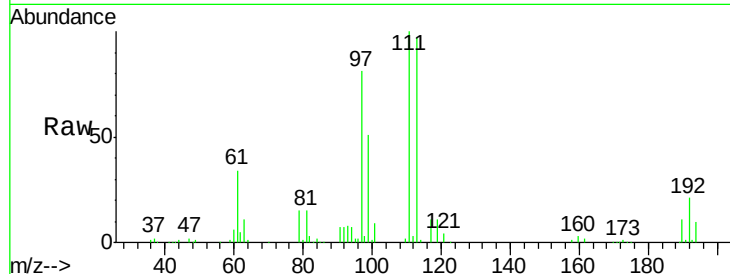
#35
 Dibromofluoromethane
 Concen: 104.202 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180721		
111	103.3	81.7	122.5	
192	21.9	17.5	26.3	

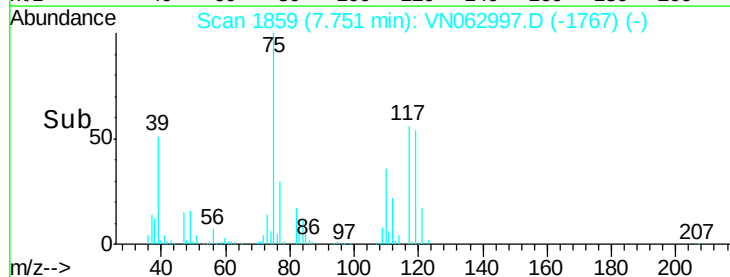
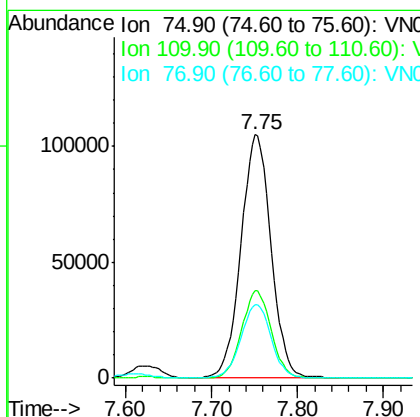
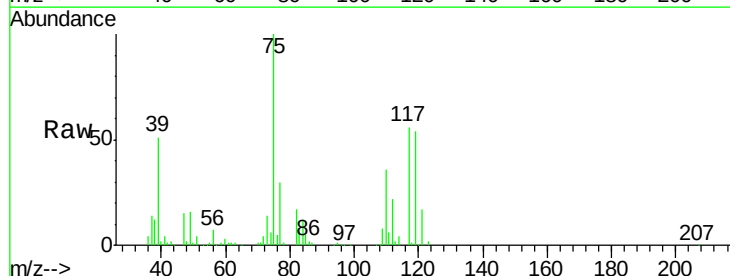
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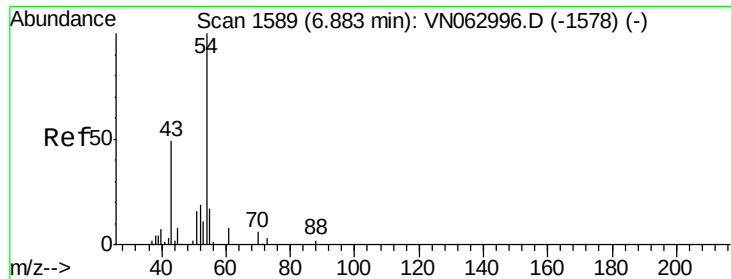
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#36
 1,1-Dichloropropene
 Concen: 108.232 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	253870		
110	35.6	17.5	52.6	
77	30.6	24.2	36.4	





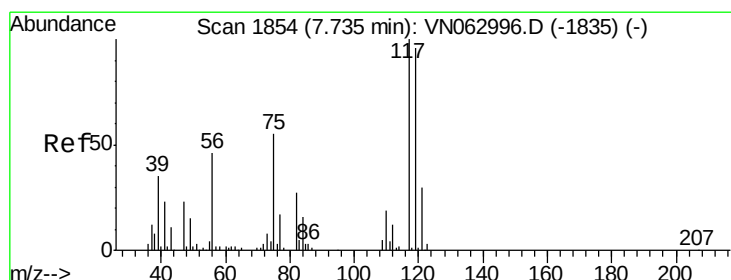
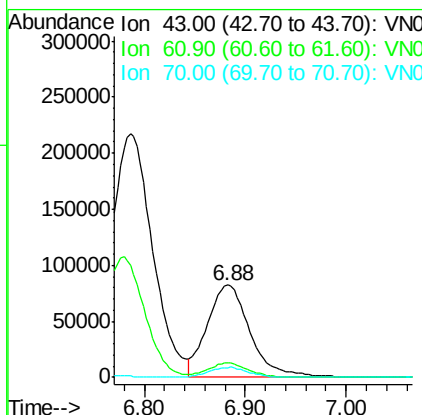
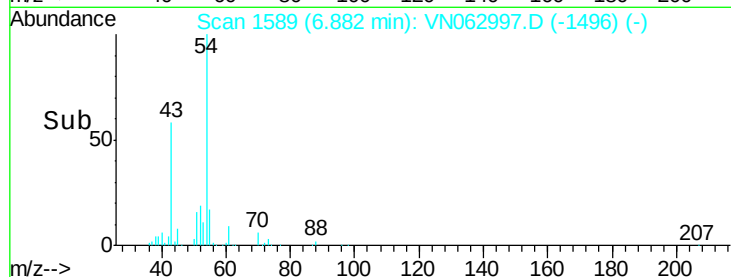
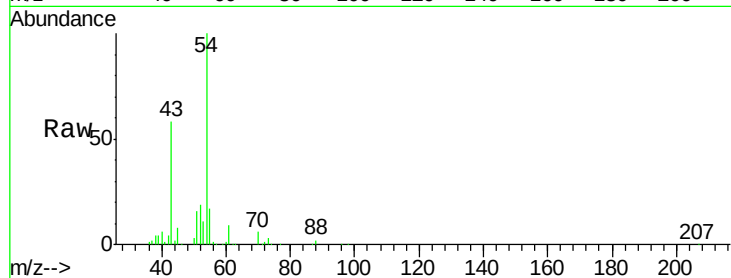
#37
Ethyl Acetate
Concen: 107.641 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	237170
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.8	17.8
70	10.4	8.2	12.2

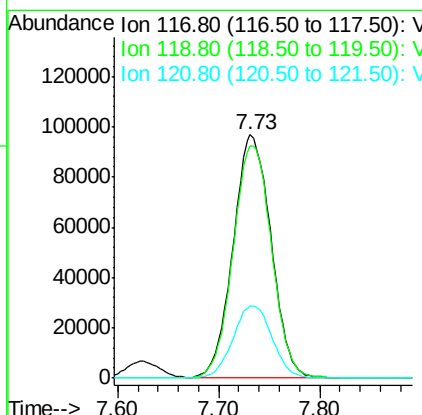
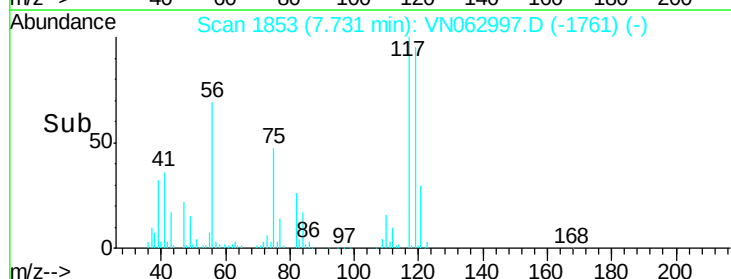
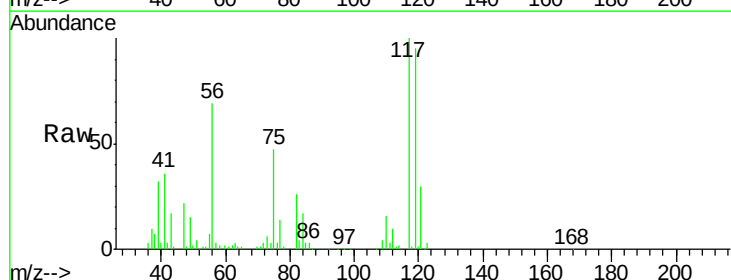
Manual Integrations
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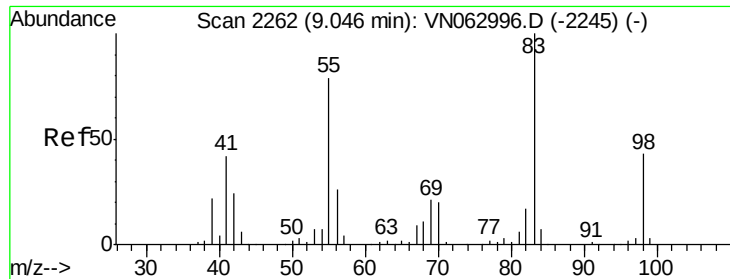
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#38
Carbon Tetrachloride
Concen: 106.270 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	117	Resp	251656
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.2	114.4
121	29.6	24.2	36.2





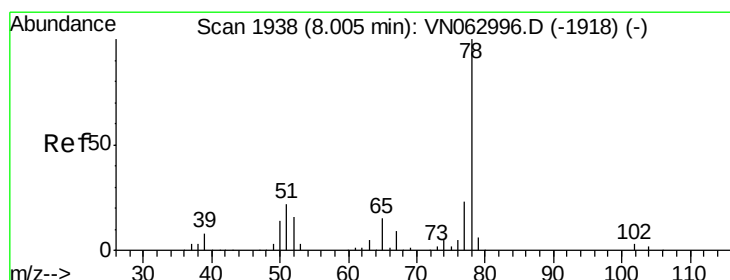
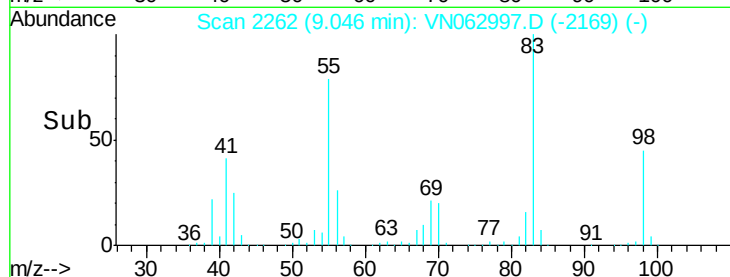
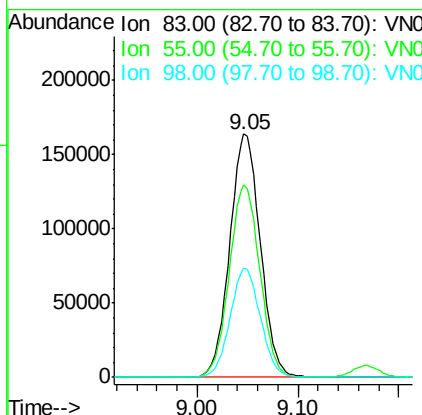
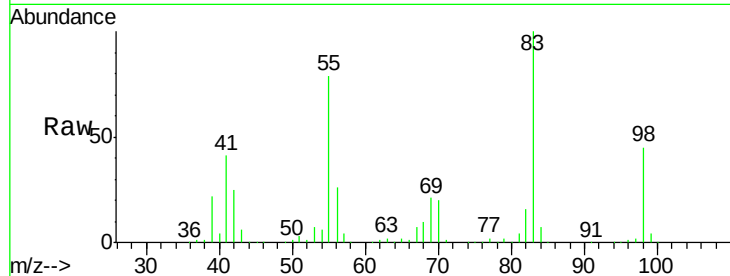
#39
Methylvlcyclohexane
Concen: 124.714 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	345660		
55	78.9	63.3	94.9	
98	44.7	34.2	51.4	

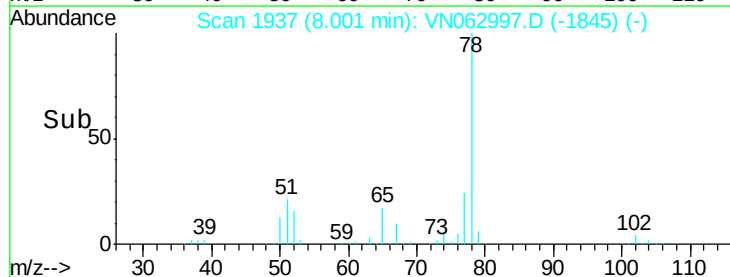
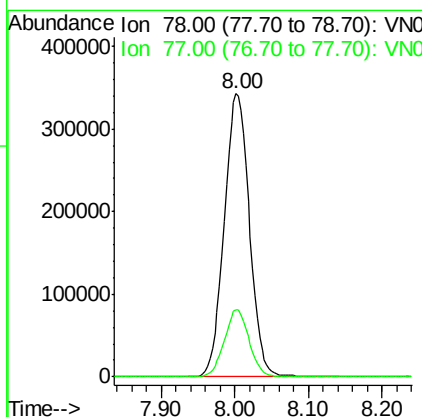
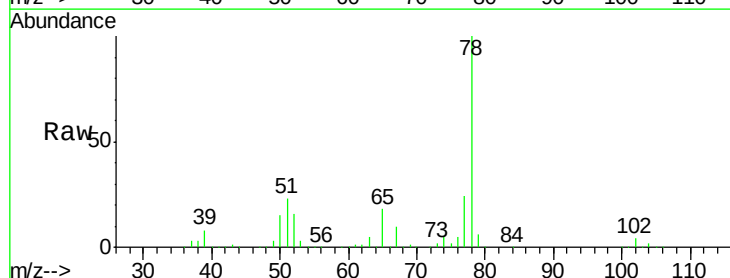
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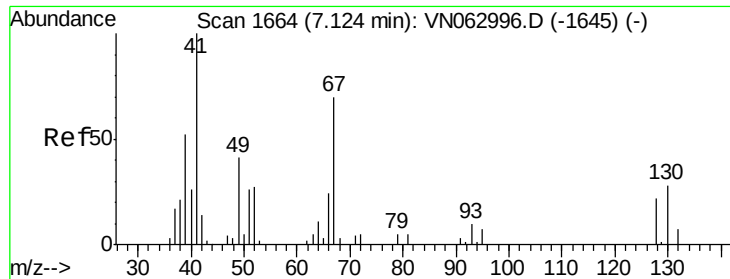
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#40
Benzene
Concen: 109.336 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	813397		
77	23.9	18.8	28.2	





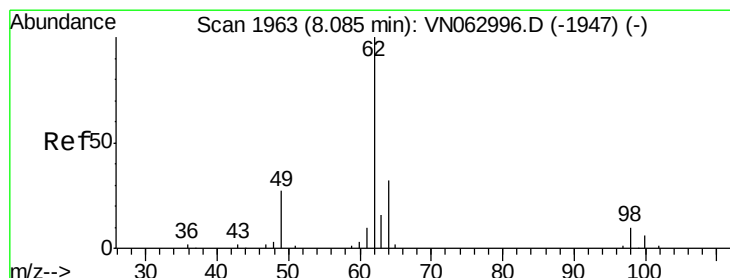
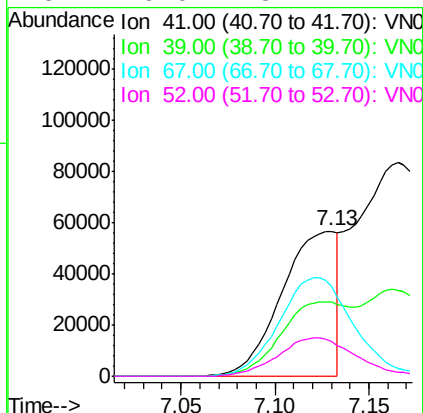
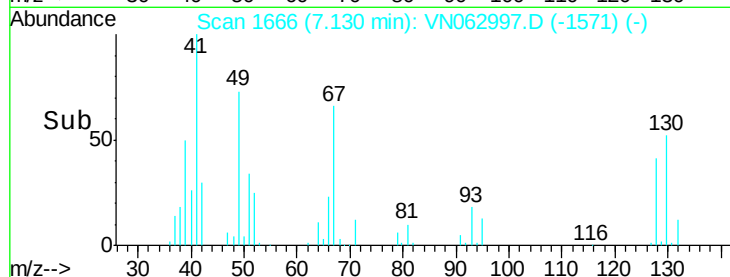
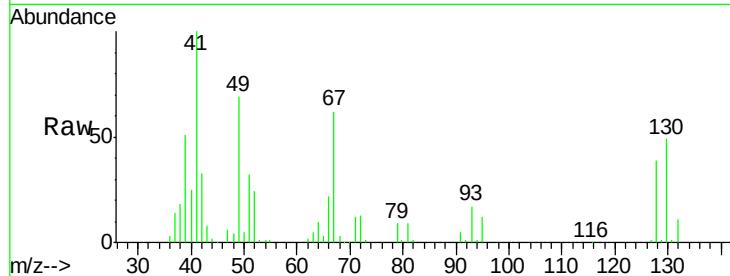
#41
Methacrylonitrile
Concen: 111.603 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.6	62.4#
67	0.0	71.8	107.8#
52	0.0	28.2	42.4#

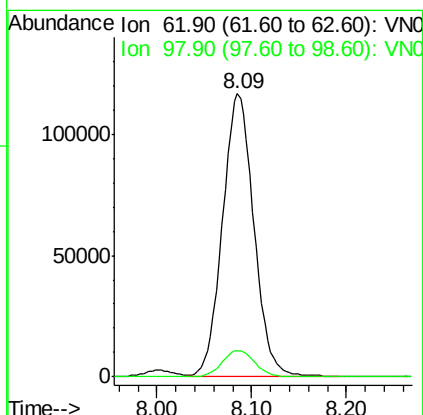
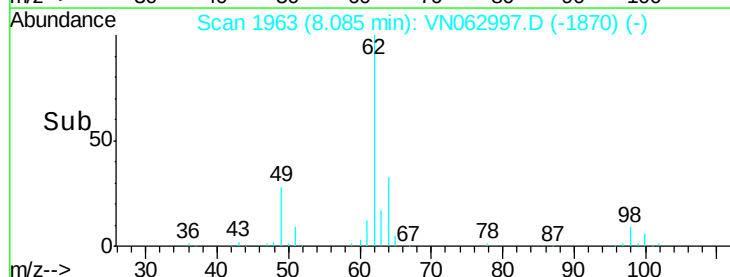
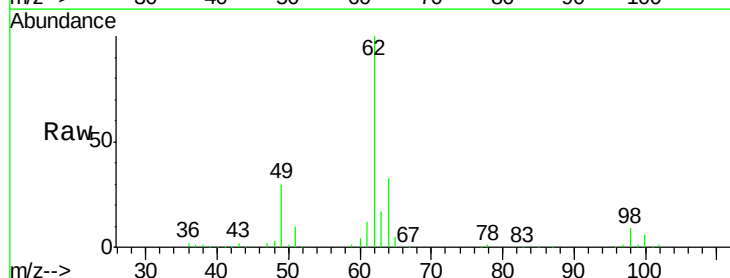
Manual Integrations
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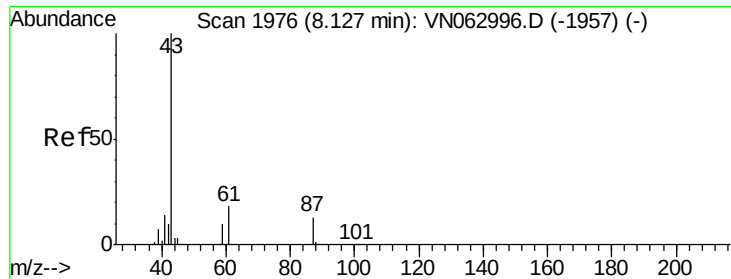
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#42
1,2-Dichloroethane
Concen: 106.884 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





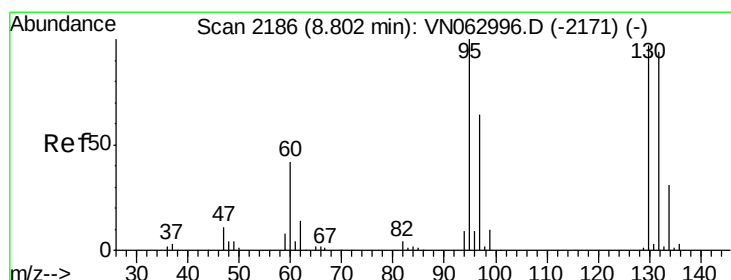
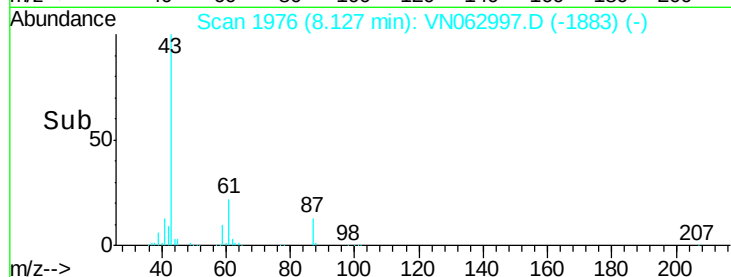
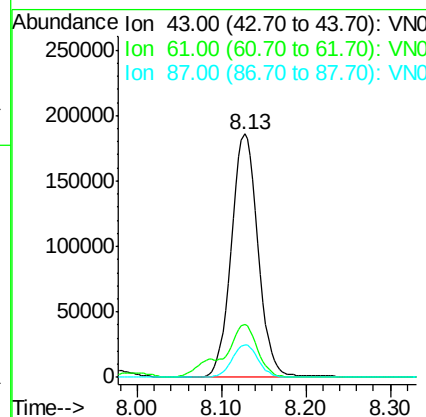
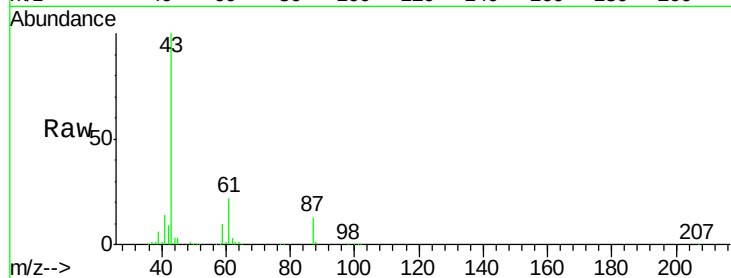
#43
Isopropyl Acetate
Concen: 112.246 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	22.6	33.8#
87	13.2	10.5	15.7

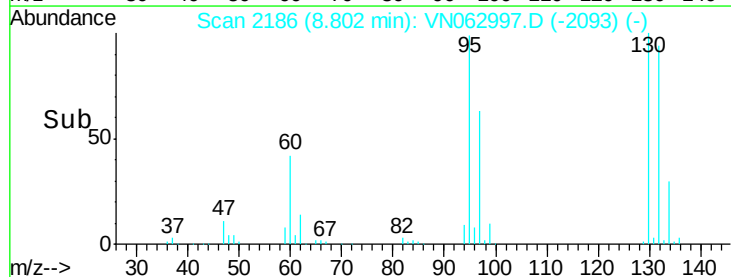
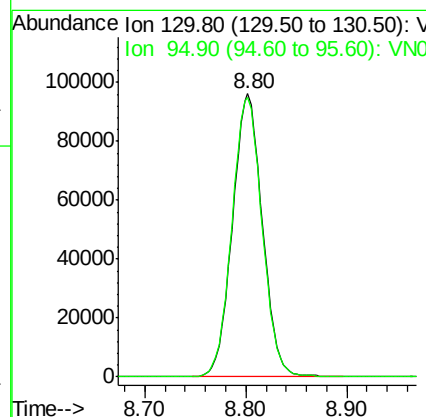
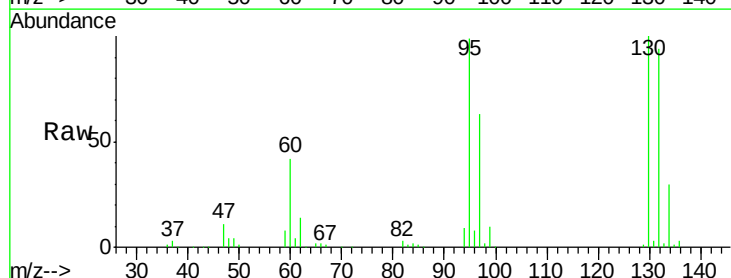
Manual Integrations
APPROVED

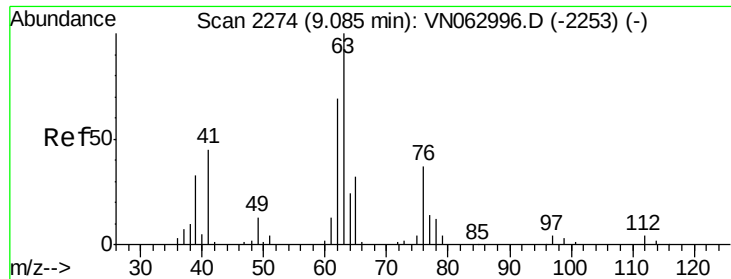
MMDadoda
8/19/2020 5:46:15 PM



#44
Trichloroethene
Concen: 107.054 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	205.6





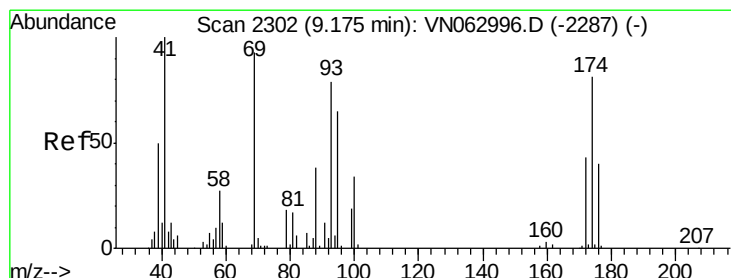
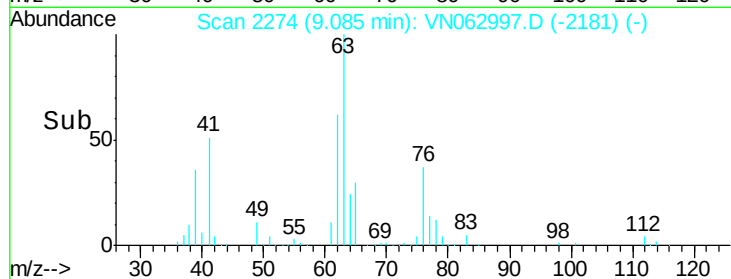
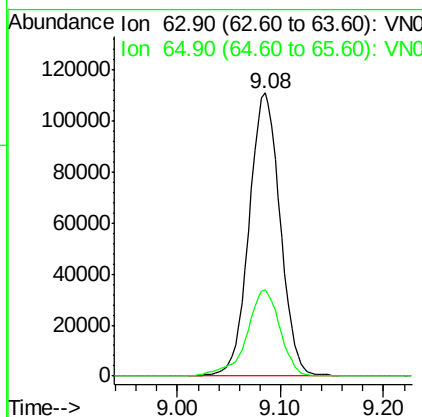
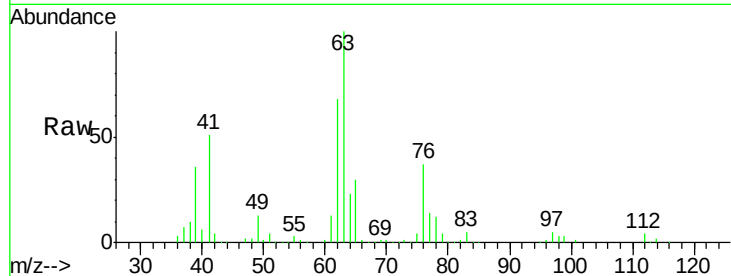
#45
 1,2-Dichloropropane
 Concen: 107.879 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 231986
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.6 38.4

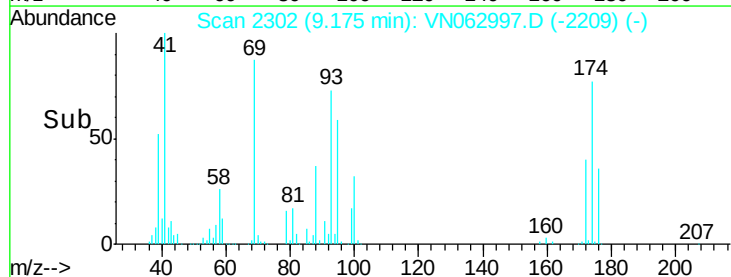
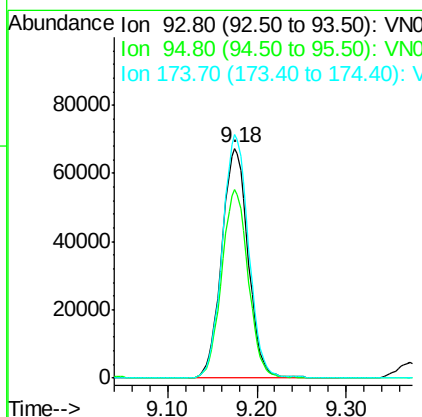
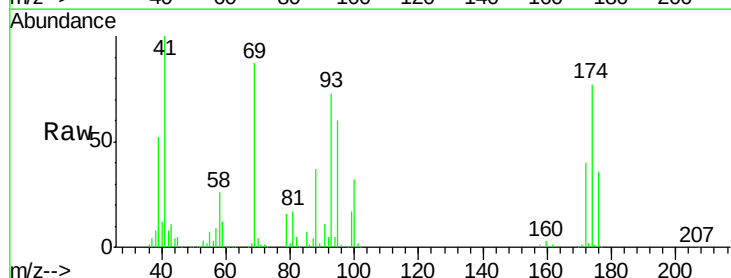
Manual Integrations
 APPROVED

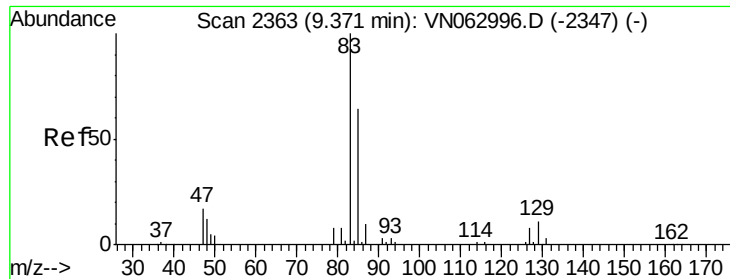
MMDadoda
 8/19/2020 5:46:15 PM



#46
 Dibromomethane
 Concen: 111.476 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 93 Resp: 138486
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.4
 174 105.4 84.6 127.0





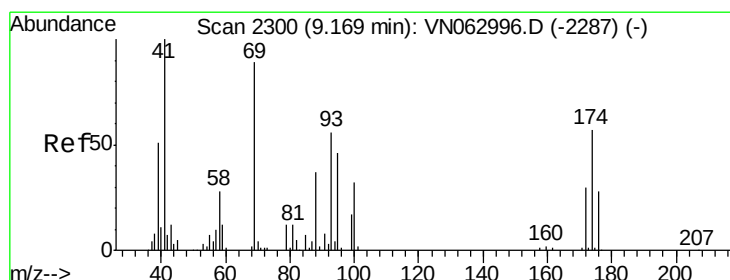
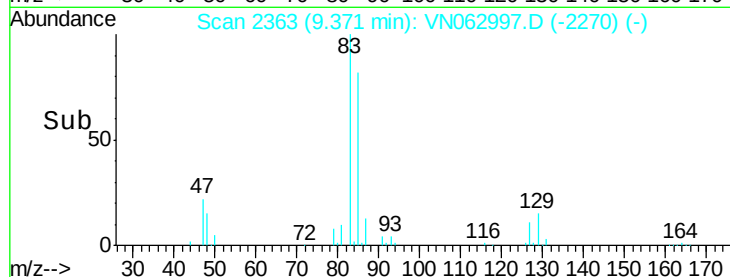
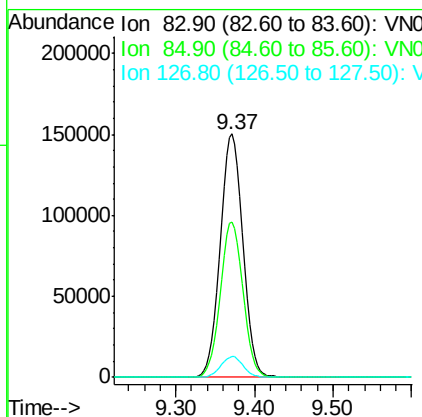
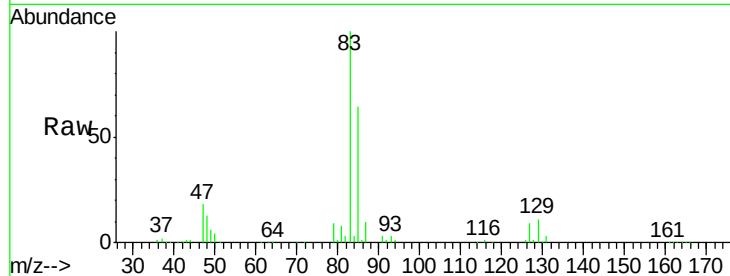
#47
Bromodichloromethane
Concen: 109.756 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	83	Resp:	298638
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.1	76.7
127	8.6	6.6	9.8

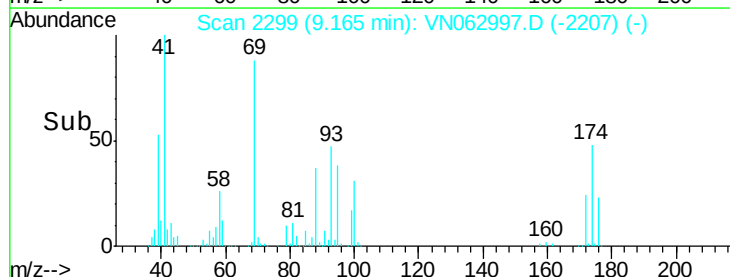
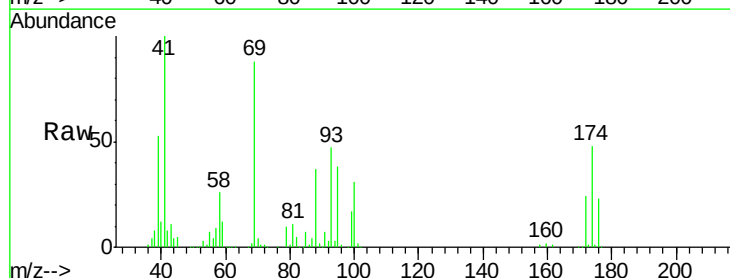
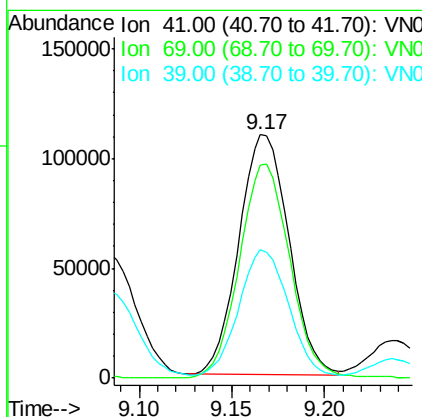
Manual Integrations
APPROVED

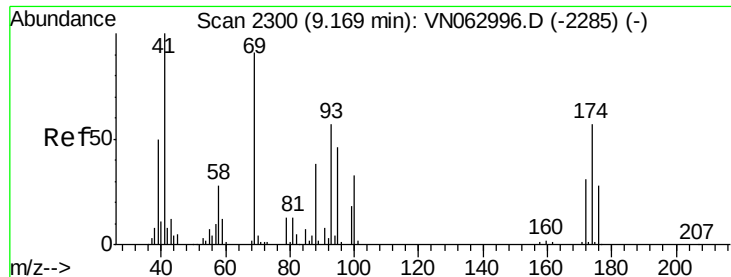
MMDadoda
8/19/2020 5:46:15 PM



#48
Methyl methacrylate
Concen: 119.660 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:	41	Resp:	206153
Ion Ratio	Lower	Upper	
41	100		
69	90.1	74.2	111.4
39	53.7	42.5	63.7





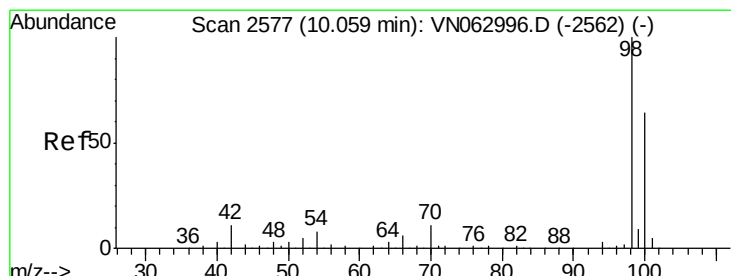
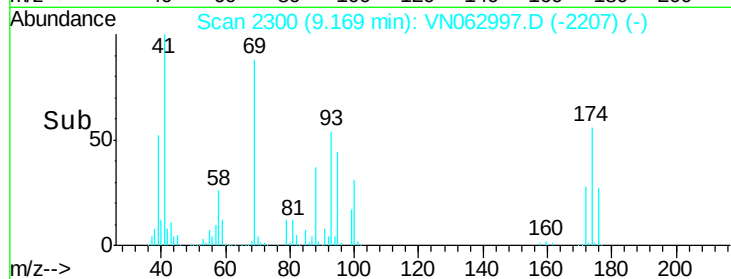
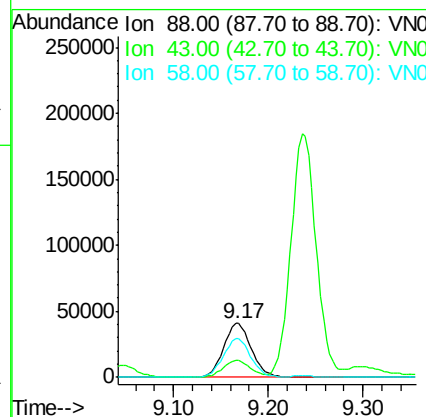
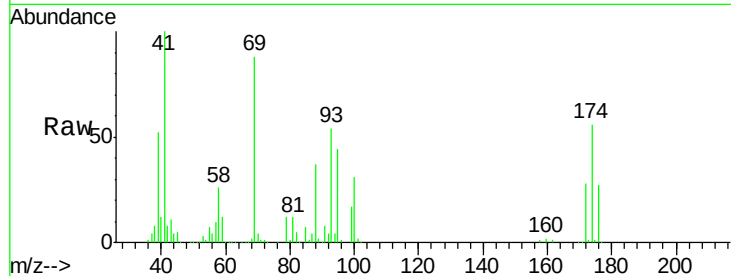
#49
1,4-Dioxane
Concen: 2505.028 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	25.2	37.8
58	70.7	56.7	85.1

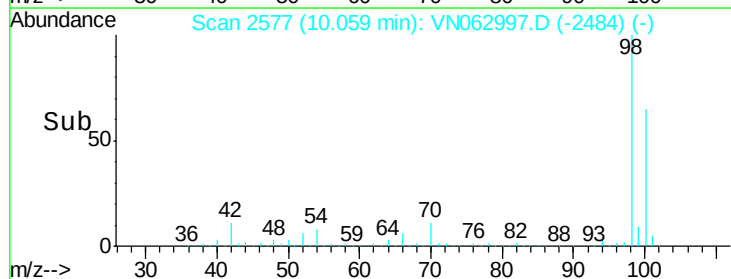
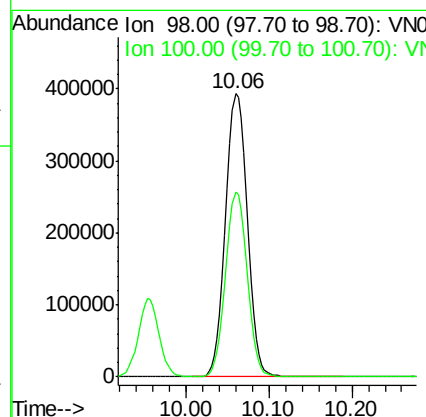
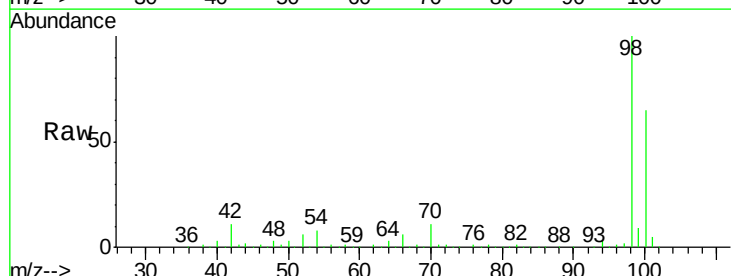
Manual Integrations
APPROVED

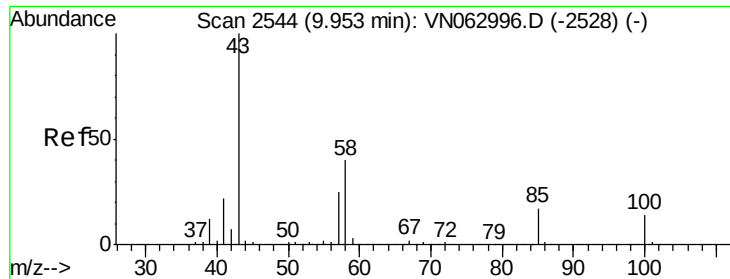
MMDadoda
8/19/2020 5:46:15 PM



#50
Toluene-d8
Concen: 108.101 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 586.788 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1350522

Ion Ratio Lower Upper

43 100

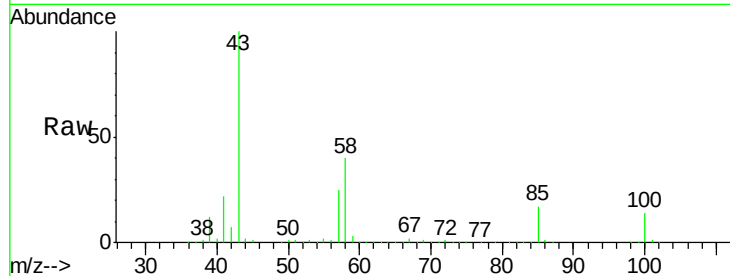
58 40.0 32.2 48.2

Manual Integrations

APPROVED

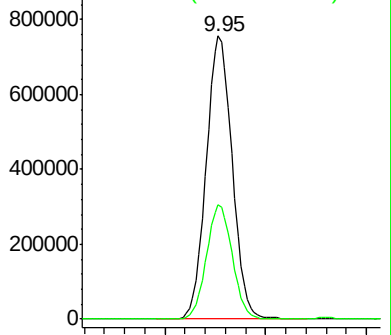
MMDadoda

8/19/2020 5:46:15 PM

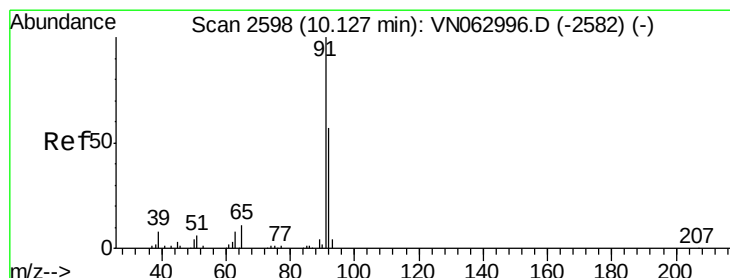
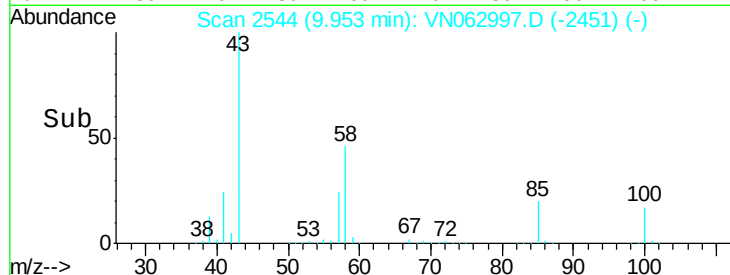


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 114.074 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062997.D

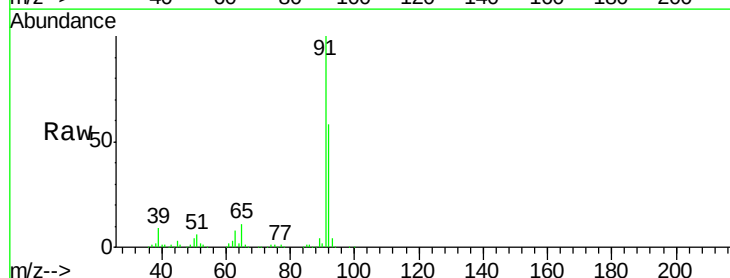
Acq: 18 Aug 2020 20:17

Tgt Ion: 92 Resp: 511937

Ion Ratio Lower Upper

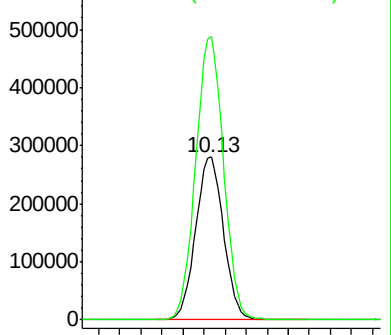
92 100

91 174.5 139.2 208.8

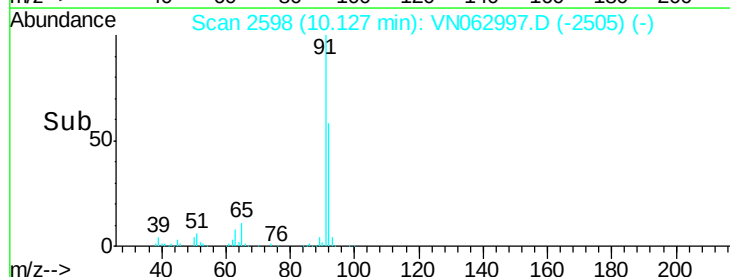


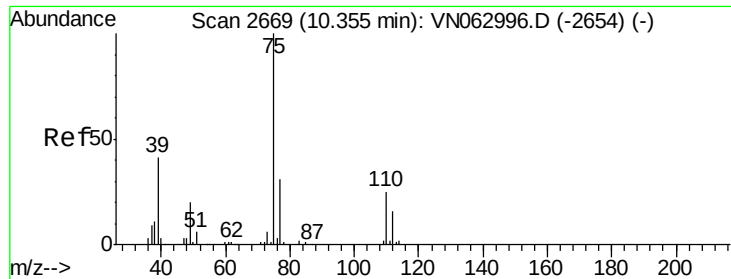
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





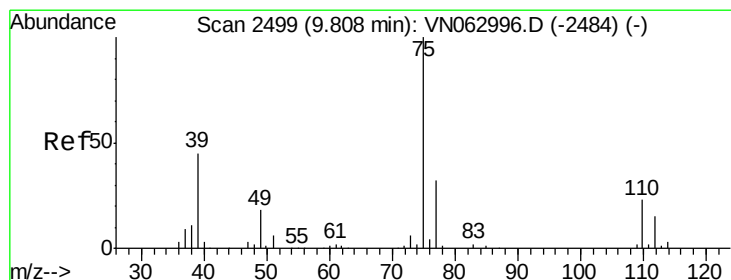
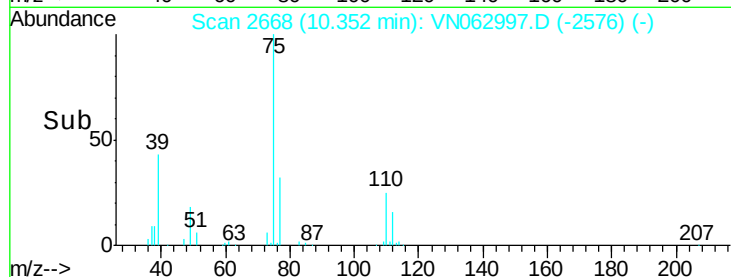
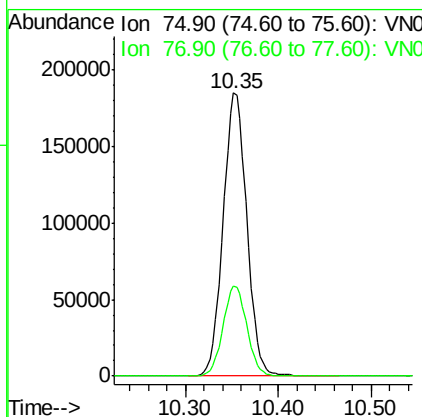
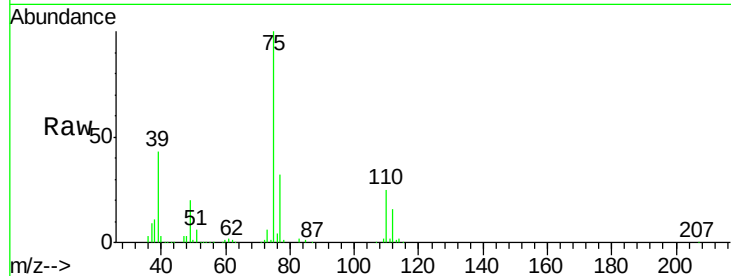
#53
t-1,3-Dichloropropene
Concen: 116.702 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 328372
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

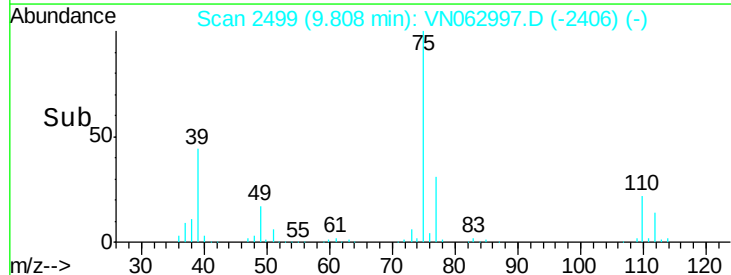
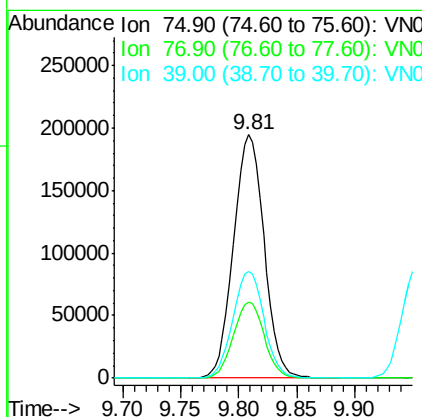
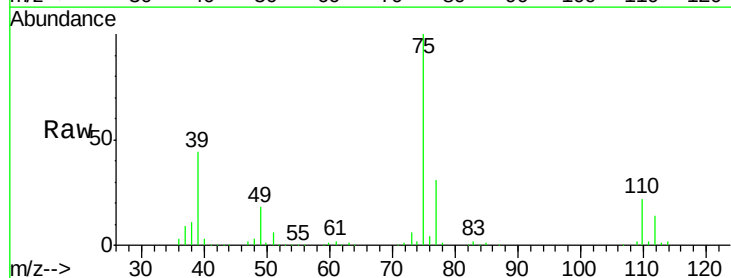
Manual Integrations
APPROVED

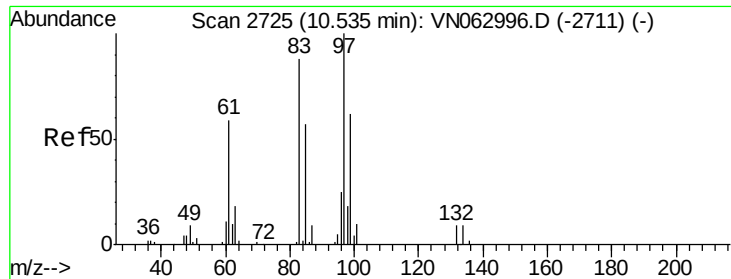
MMDadoda
8/19/2020 5:46:15 PM



#54
cis-1,3-Dichloropropene
Concen: 115.360 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 75 Resp: 356078
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 44.0 35.7 53.5





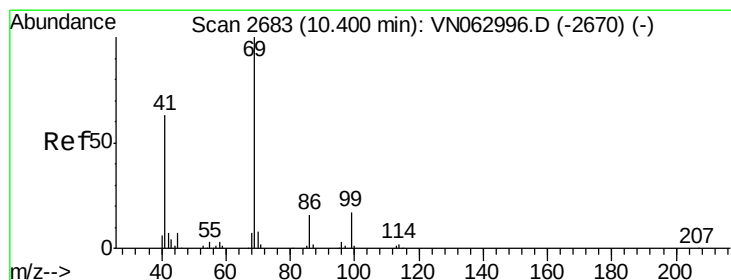
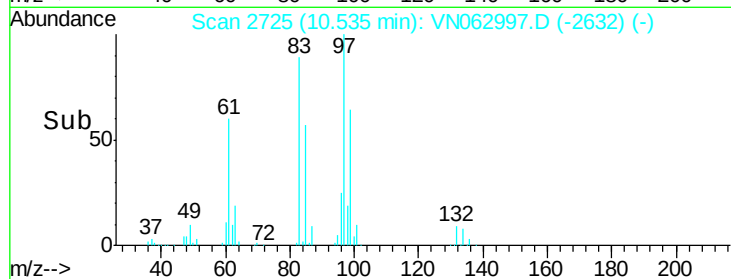
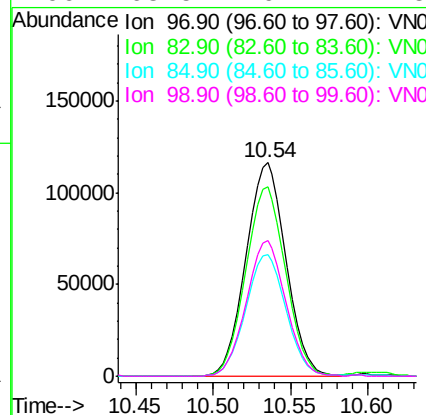
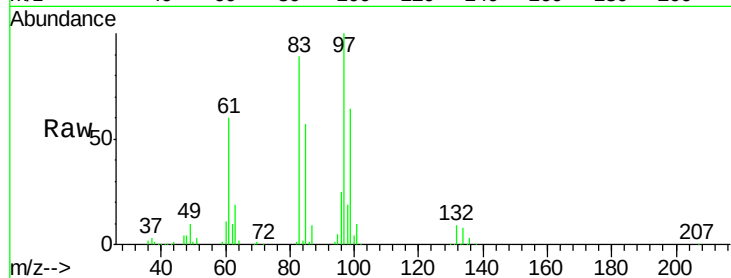
#55
 1,1,2-Trichloroethane
 Concen: 109.272 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	209682
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.5	105.7
85	56.8	45.8	68.6
99	63.5	49.7	74.5

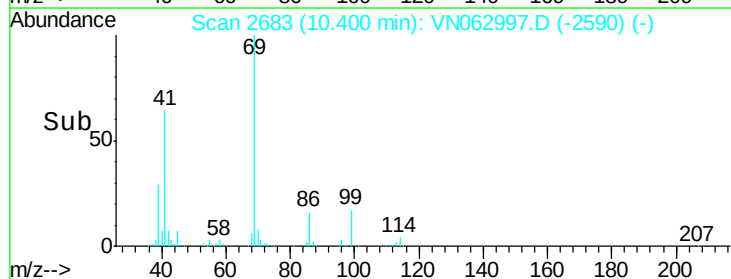
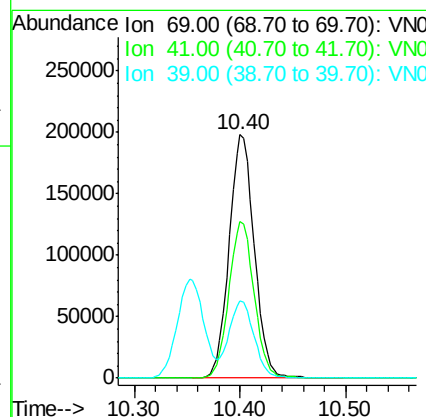
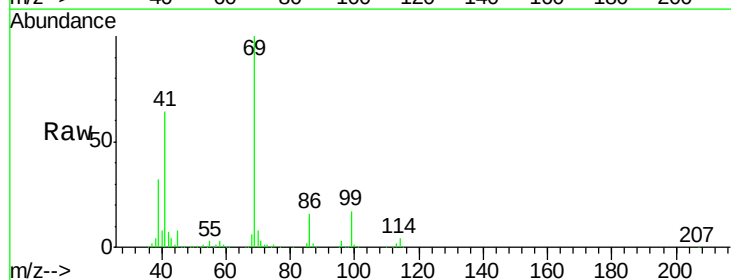
Manual Integrations
 APPROVED

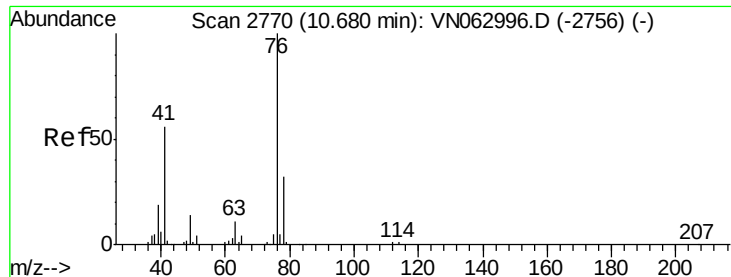
MMDadoda
 8/19/2020 5:46:15 PM



#56
 Ethyl methacrylate
 Concen: 126.035 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion:	69	Resp:	326587
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.2	75.2
39	31.9	24.2	36.4





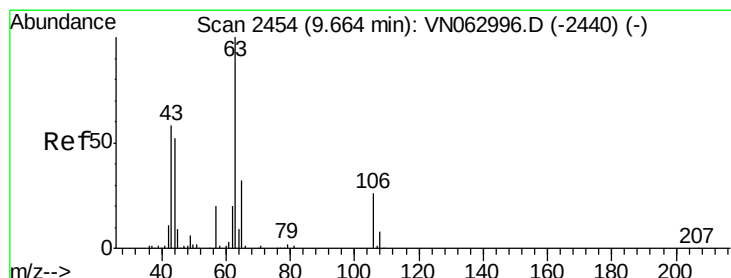
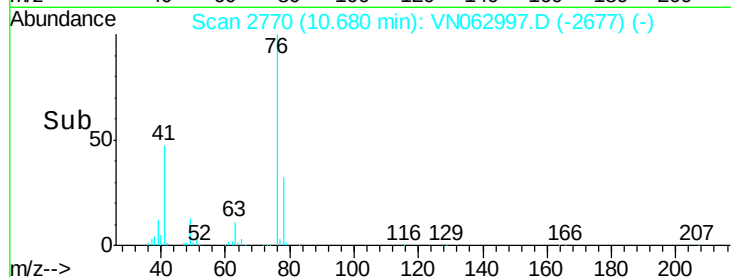
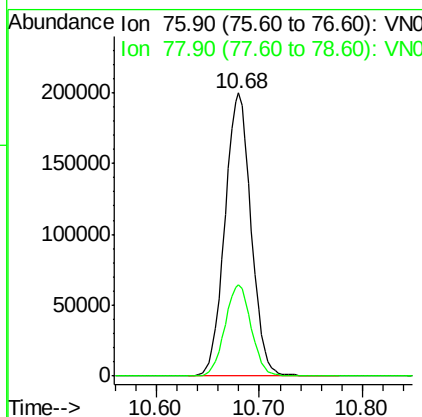
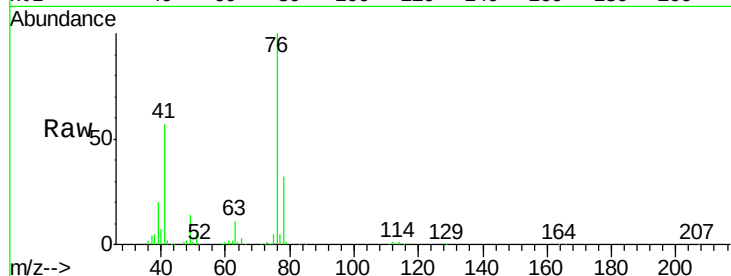
#57
 1,3-Dichloropropane
 Concen: 110.750 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

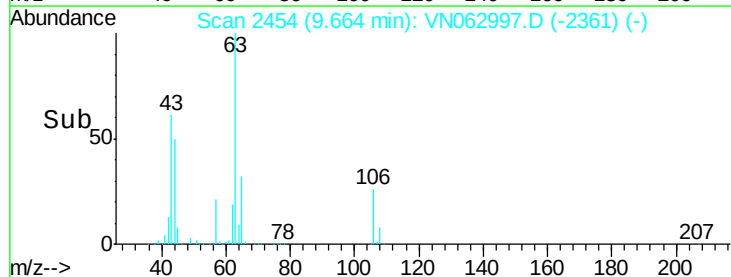
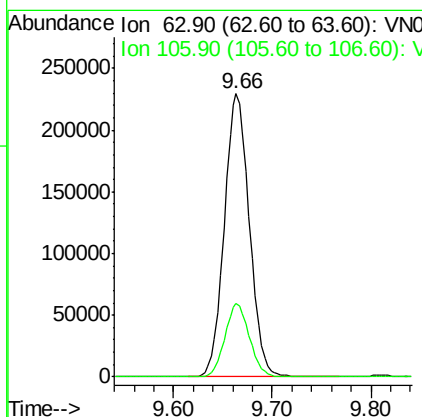
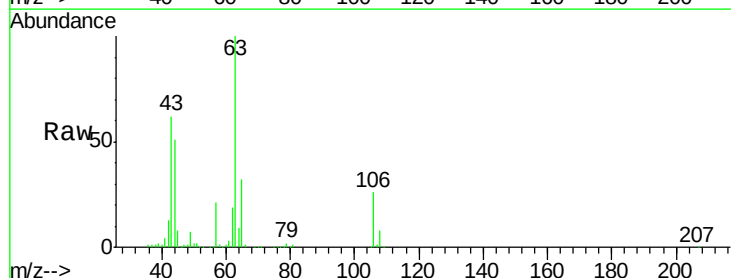
Manual Integrations
 APPROVED

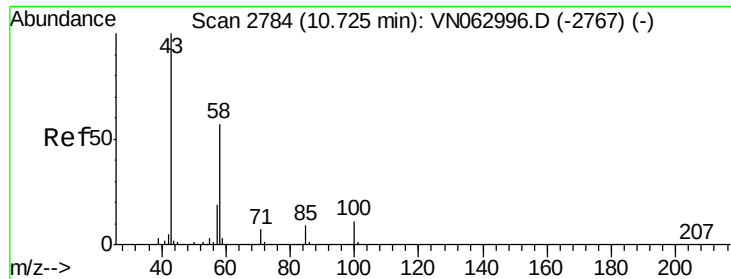
MMDadoda
 8/19/2020 5:46:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 657.417 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	20.7	31.1





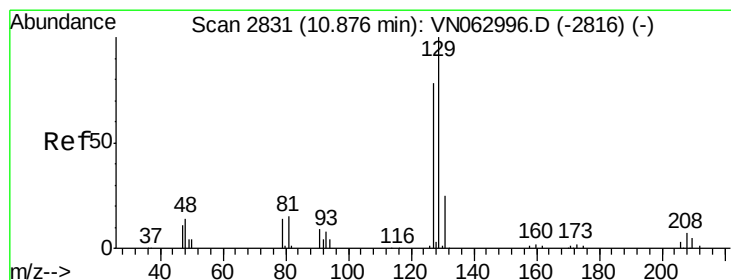
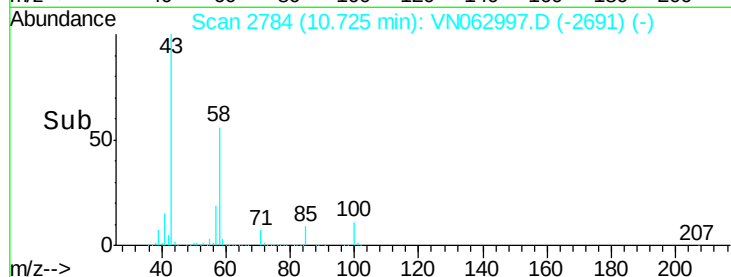
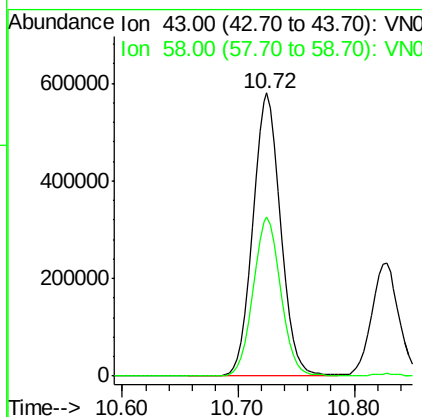
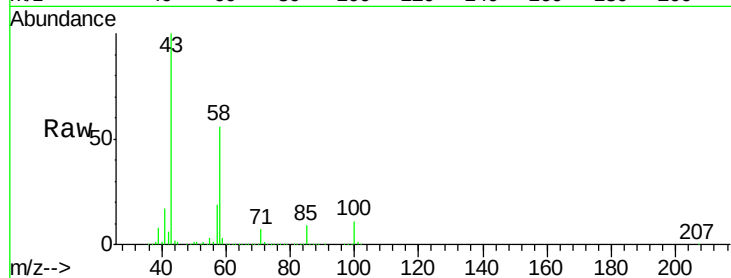
#59
2-Hexanone
Concen: 605.080 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	43	Resp	971390
Ion Ratio	100	Lower	Upper
43	100		
58	56.1	28.1	84.3

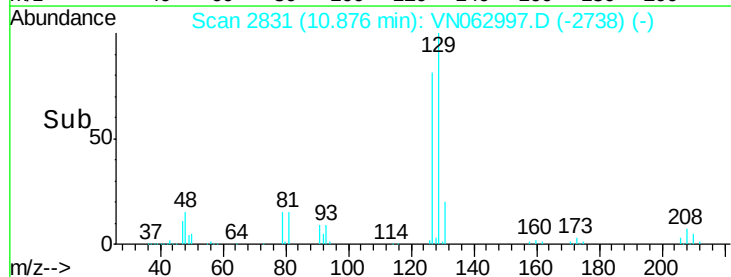
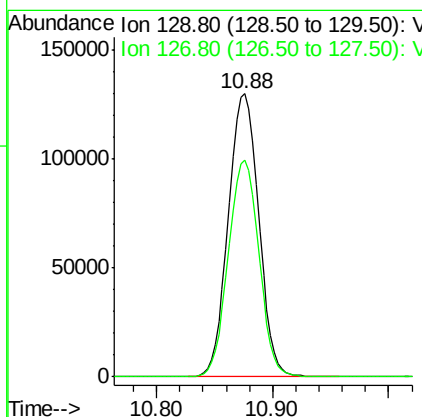
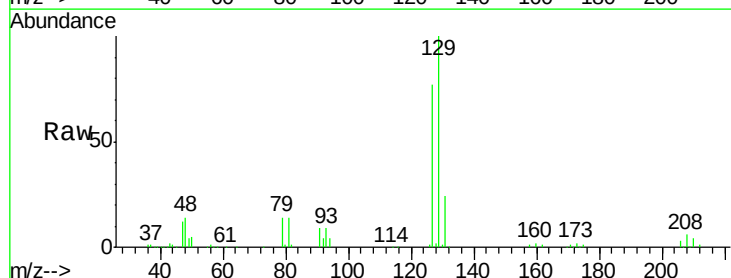
Manual Integrations
APPROVED

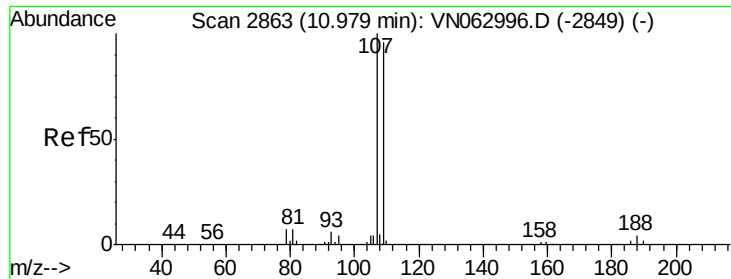
MMDadoda
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#60
Dibromochloromethane
Concen: 111.087 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	129	Resp	235904
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.4	115.2





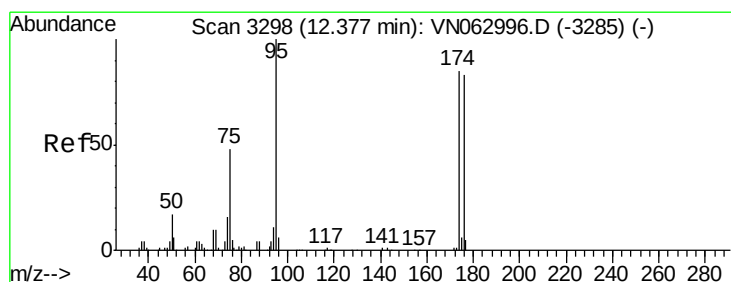
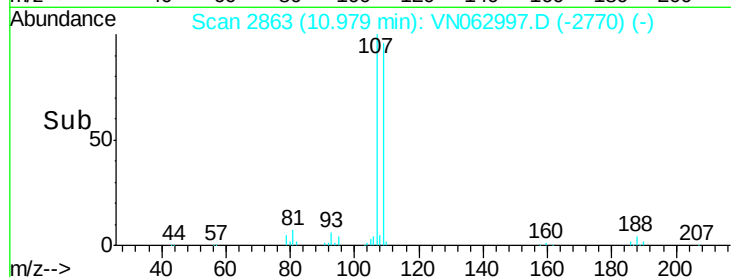
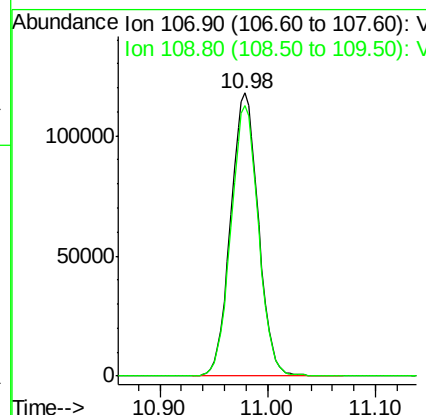
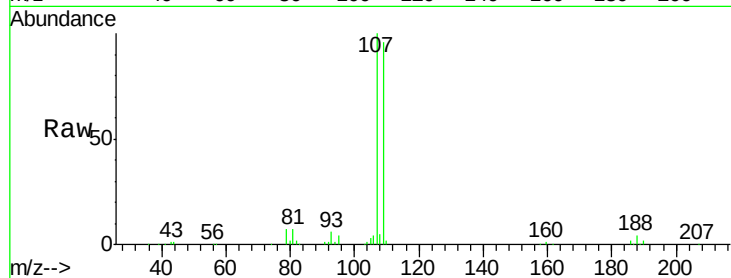
#61
 1,2-Dibromoethane
 Concen: 114.377 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	210890		
109	95.1	75.7	113.5	

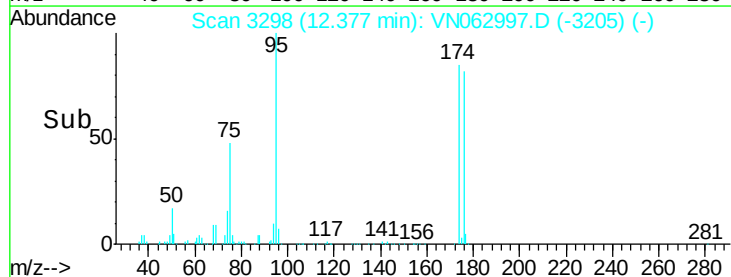
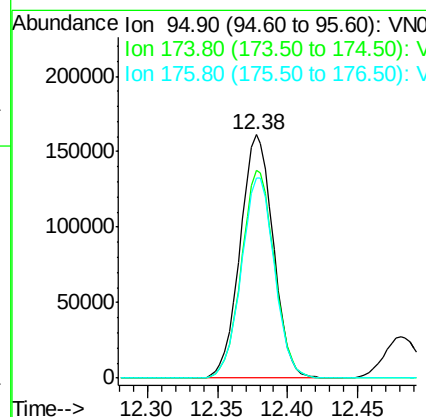
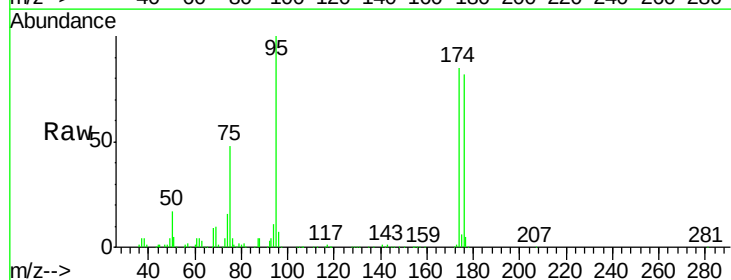
Manual Integrations
 APPROVED

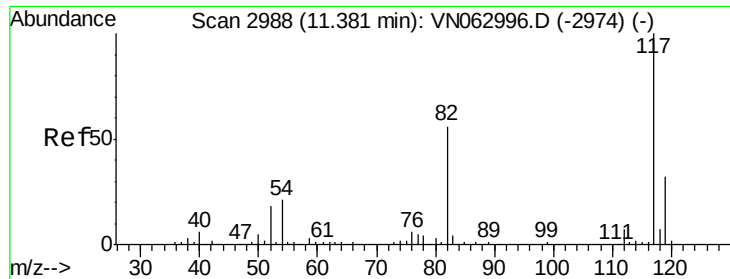
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 113.150 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	265993		
174	84.9	0.0	170.8	
176	82.3	0.0	164.8	





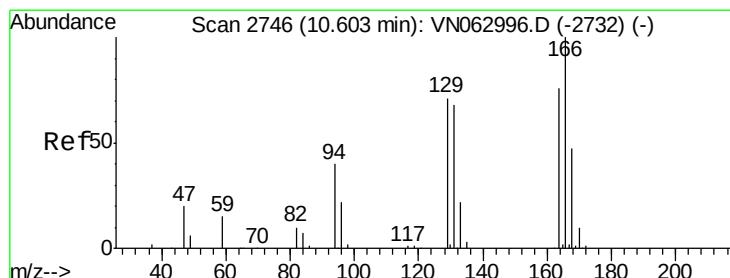
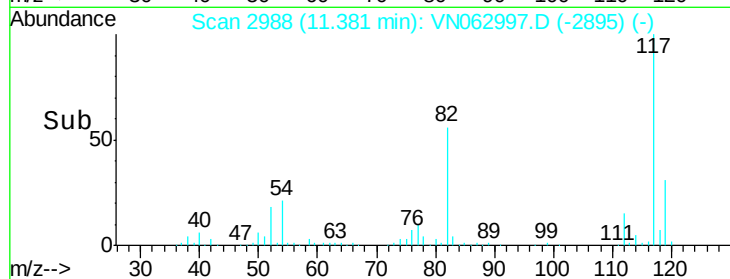
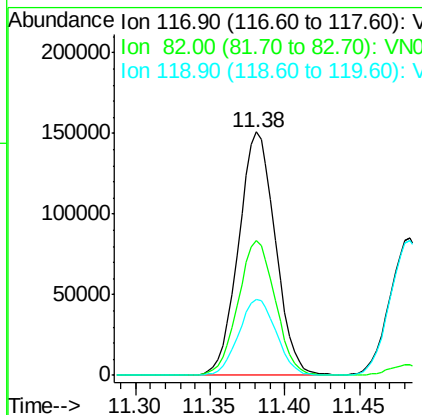
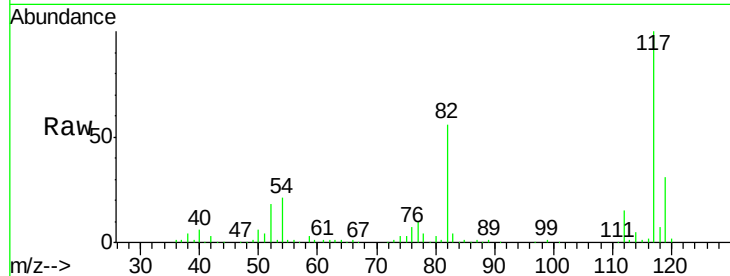
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.5	66.7
119	31.1	25.5	38.3

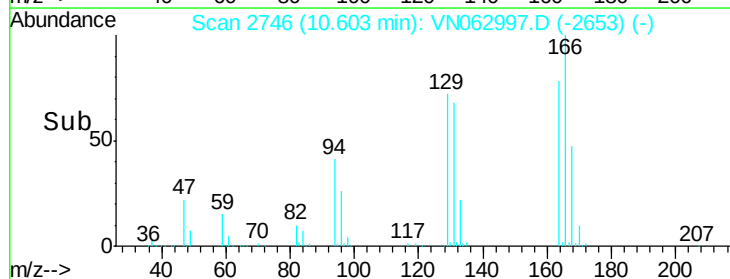
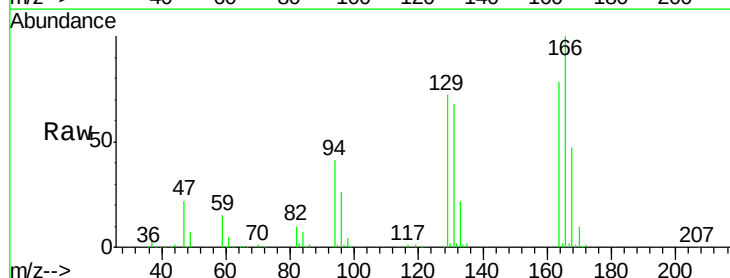
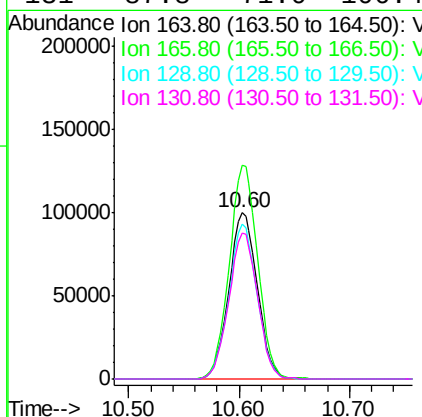
Manual Integrations
APPROVED

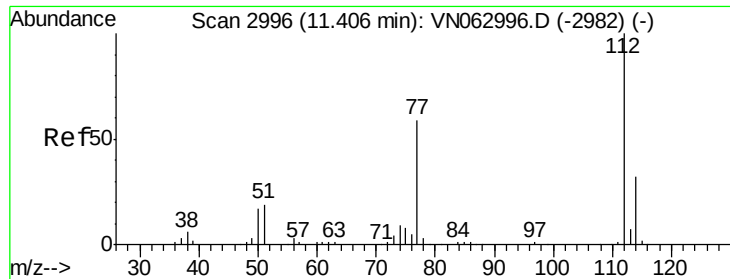
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#64
Tetrachloroethene
Concen: 105.181 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	105.0	157.6
129	93.0	74.7	112.1
131	87.8	71.0	106.4





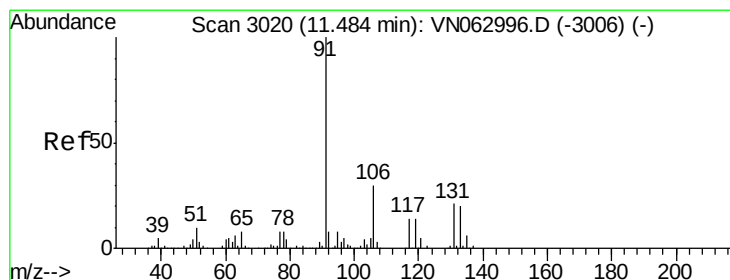
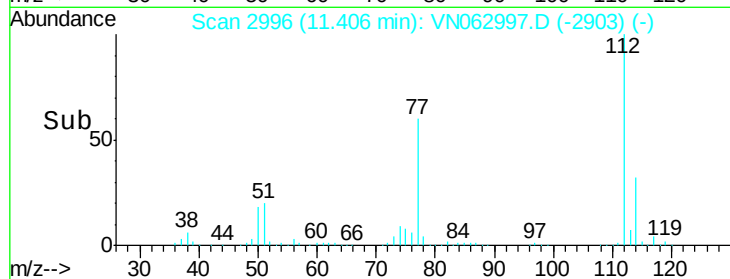
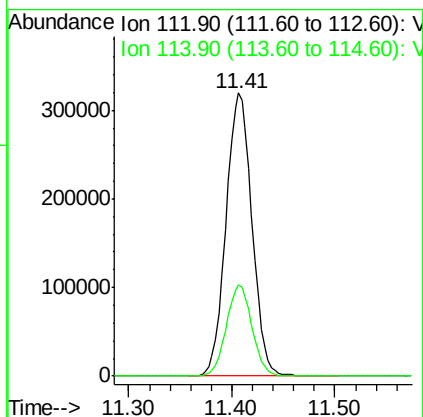
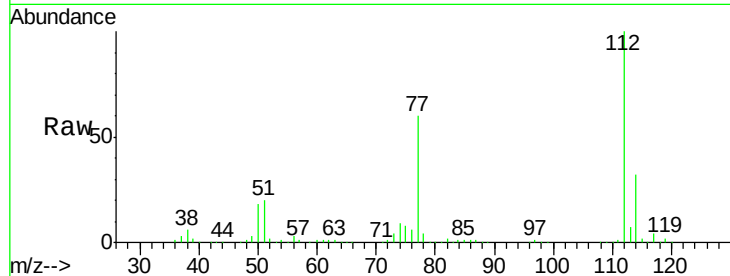
#65
Chlorobenzene
Concen: 107.973 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 560169
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

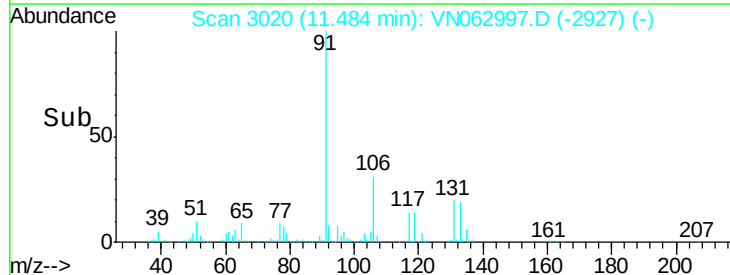
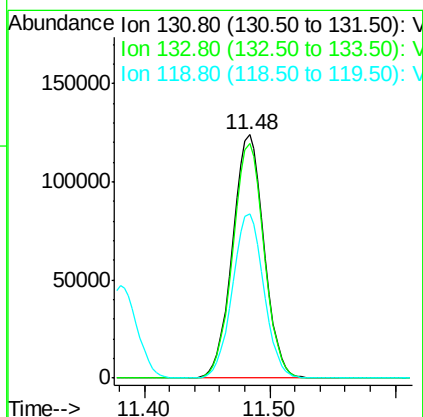
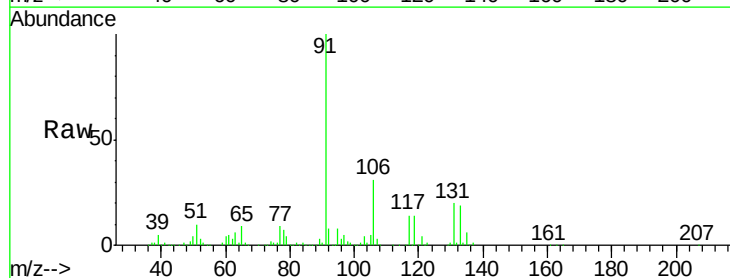
Manual Integrations
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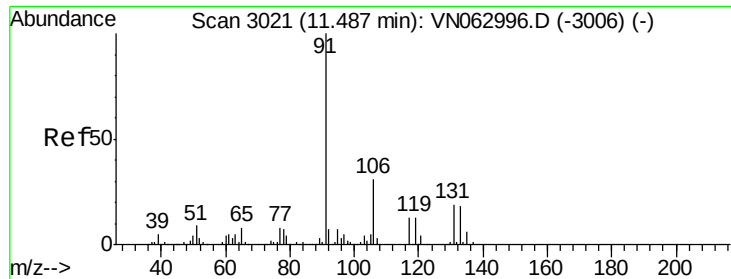
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#66
1,1,1,2-Tetrachloroethane
Concen: 107.071 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:131 Resp: 216061
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 67.6 33.1 99.3





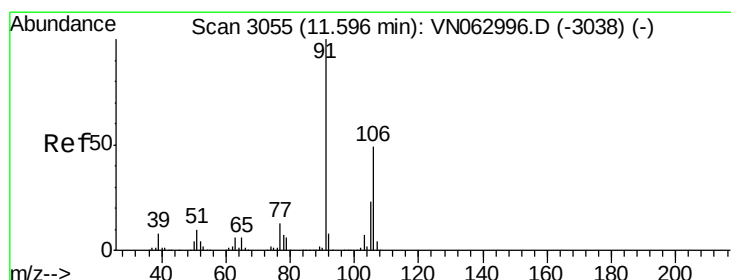
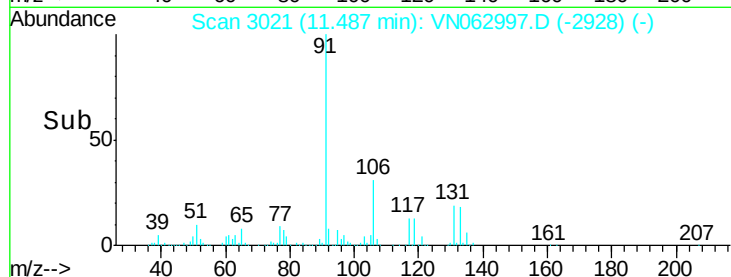
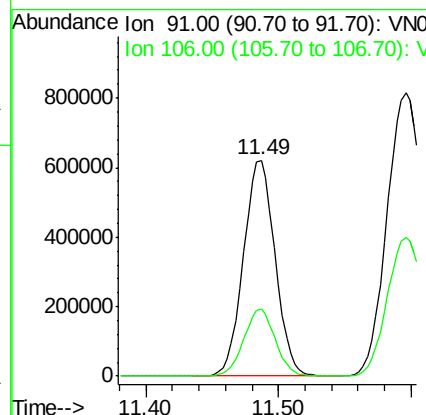
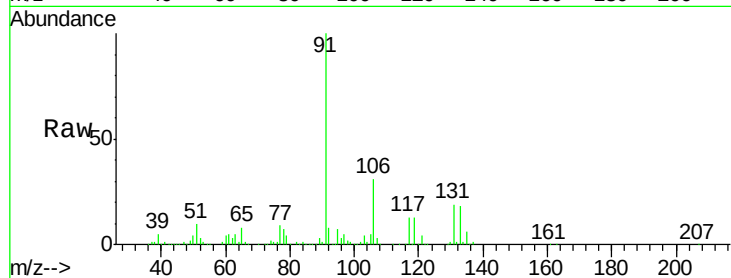
#67
Ethyl Benzene
Concen: 117.560 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1030566
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

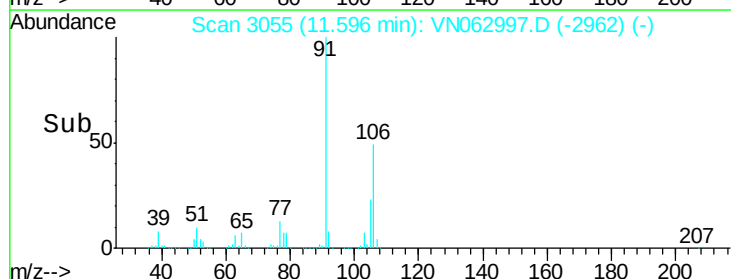
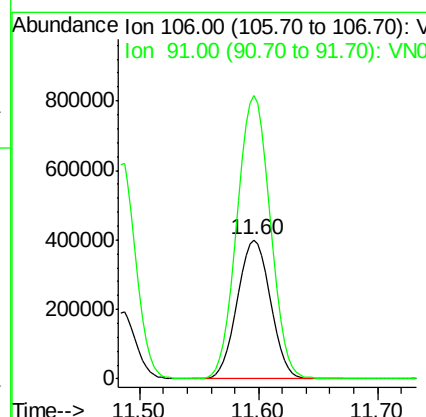
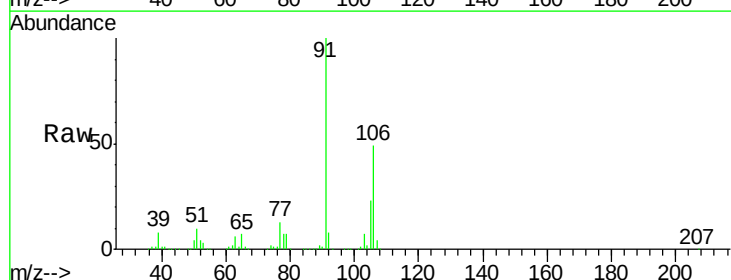
Manual Integrations
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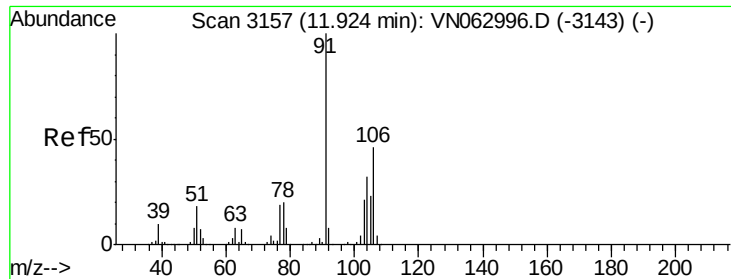
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#68
m/p-Xylenes
Concen: 237.068 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 106 Resp: 772400
Ion Ratio Lower Upper
106 100
91 204.6 163.0 244.4





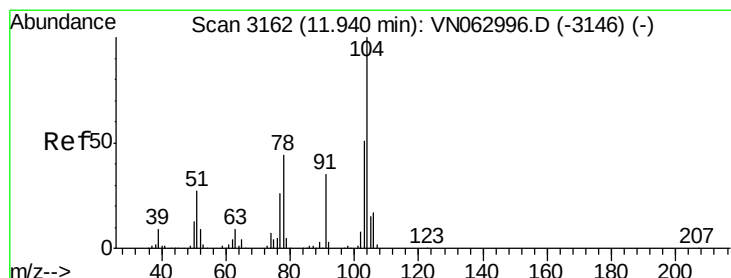
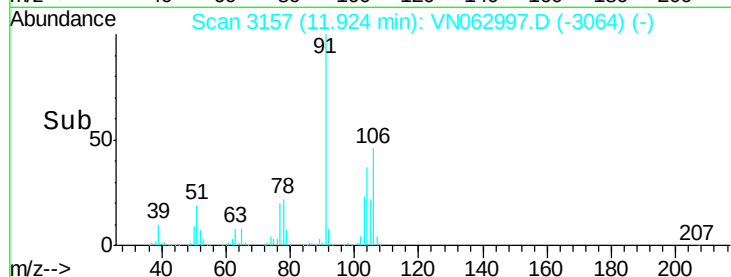
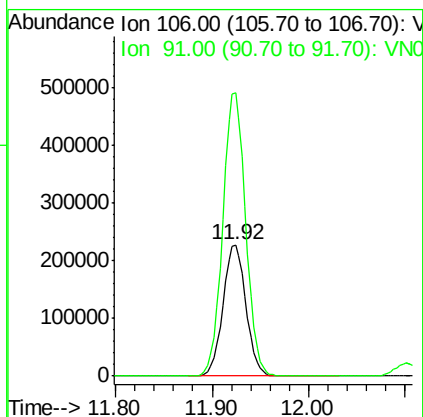
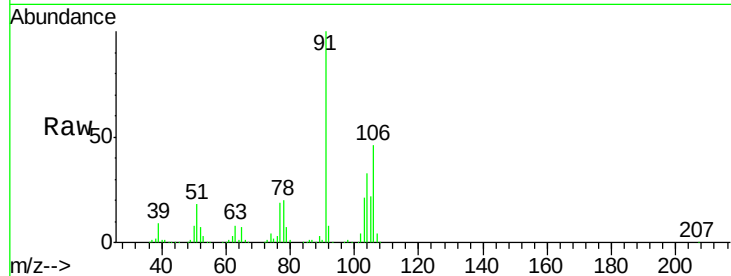
#69
o-Xylene
Concen: 119.574 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.5	107.3	321.9		

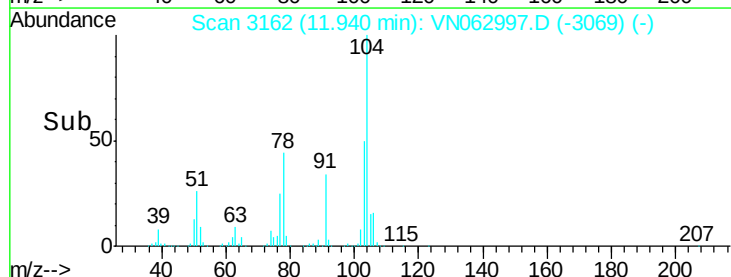
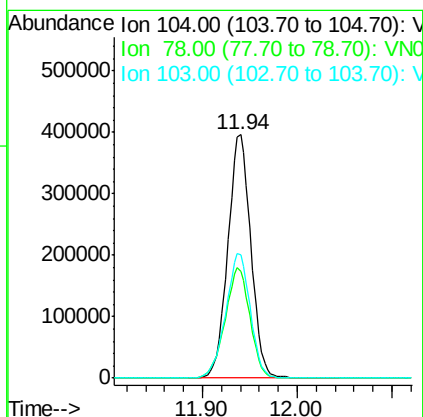
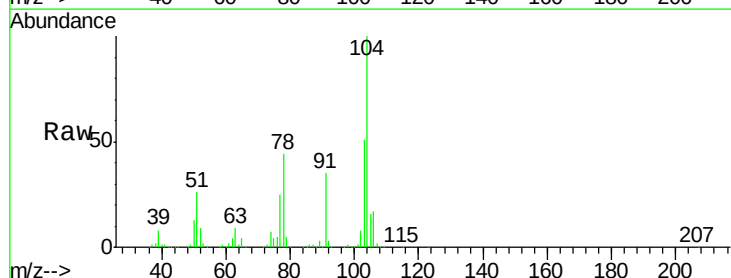
Manual Integrations
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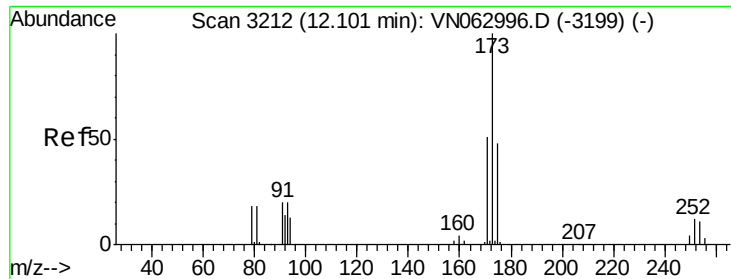
MMDadoda
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#70
Styrene
Concen: 125.083 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.0	39.0	58.6		
103	54.4	44.3	66.5		





#71

Bromoform

Concen: 113.144 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

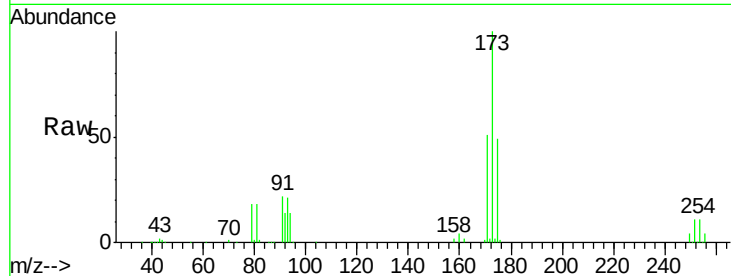
ClientSampleId :

VSTDIC100

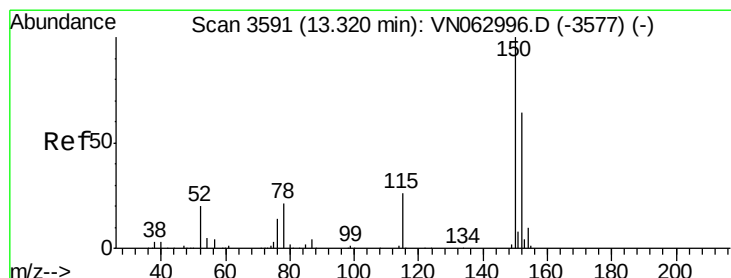
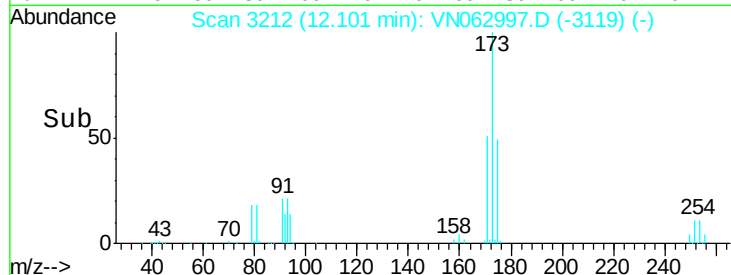
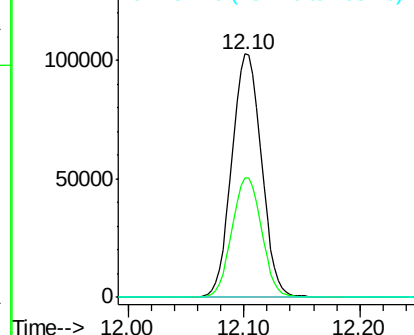
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.1	0.0	0.0

Manual Integrations
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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

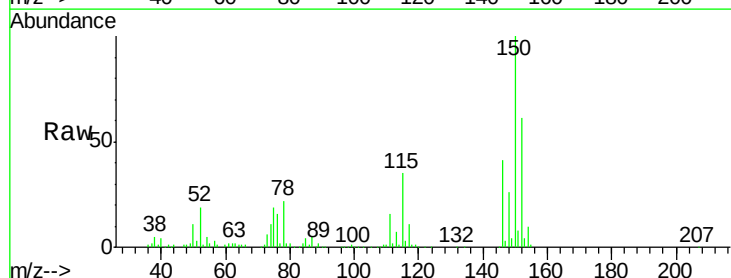
RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

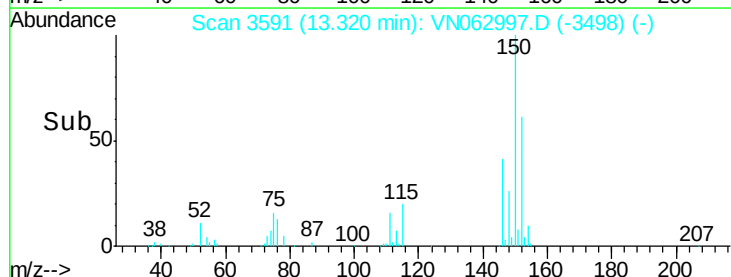
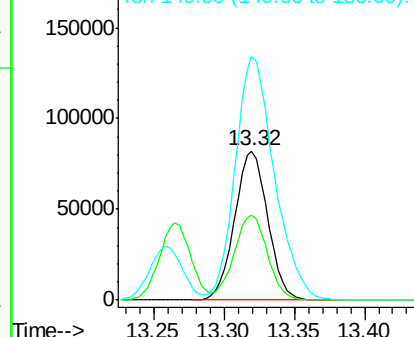
Lab File: VN062997.D

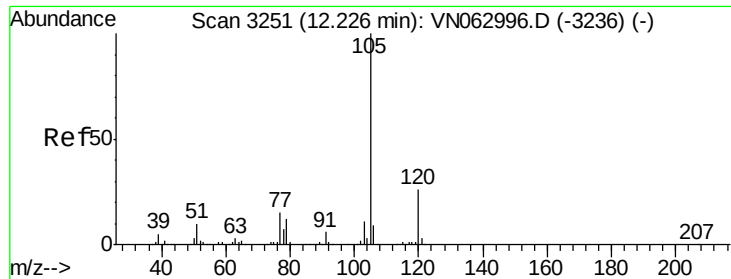
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.7	86.3
150	192.6	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: 109.066 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1004633

Ion Ratio Lower Upper

105 100

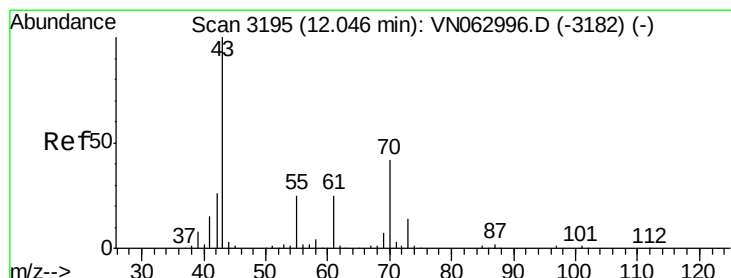
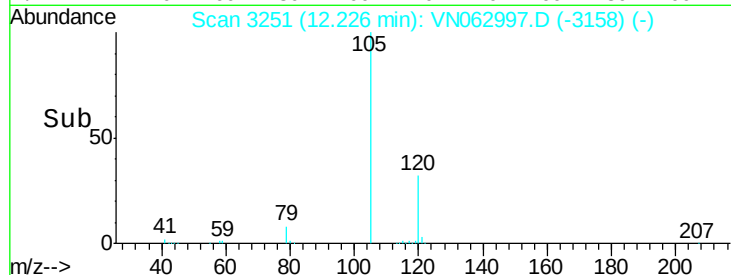
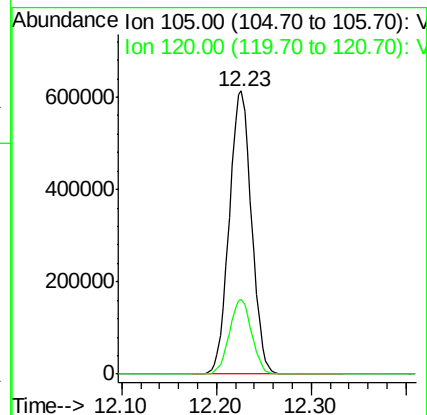
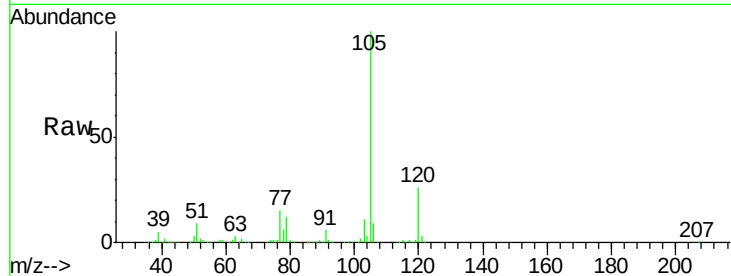
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 117.199 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion: 43 Resp: 386640

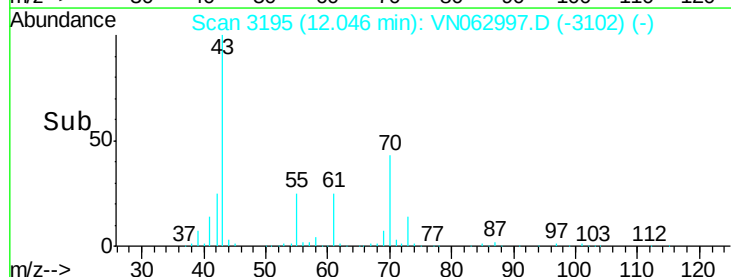
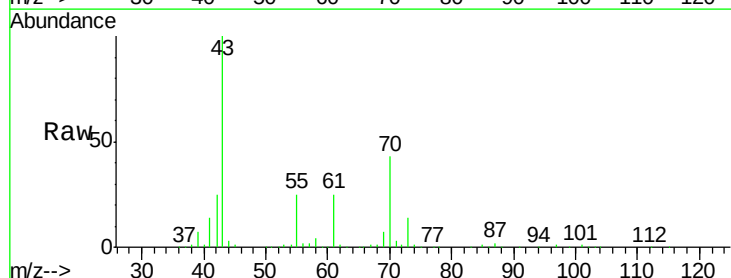
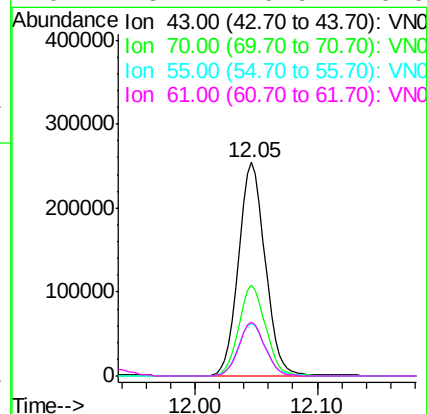
Ion Ratio Lower Upper

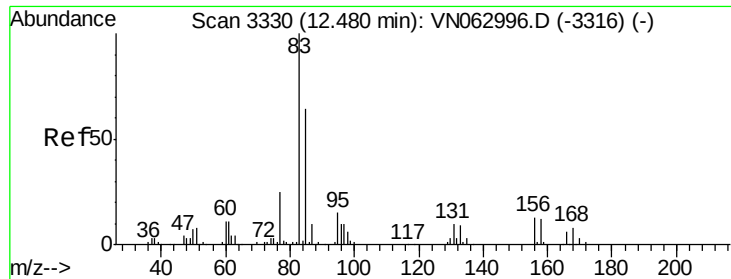
43 100

70 43.0 33.4 50.0

55 25.3 20.2 30.2

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 95.812 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

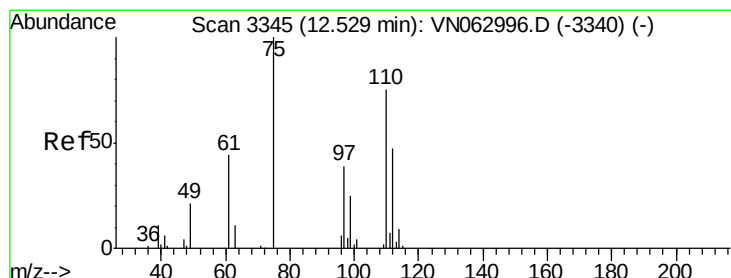
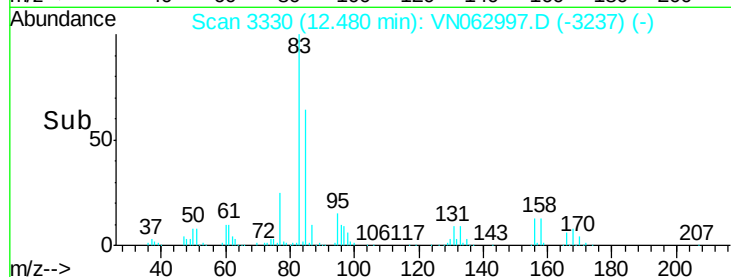
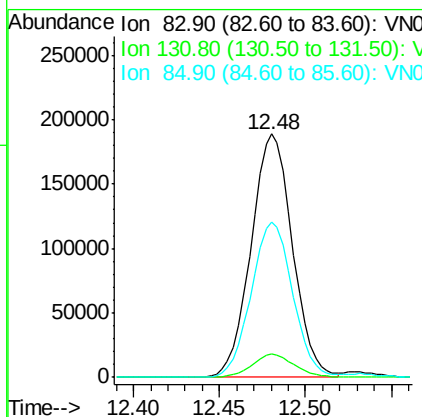
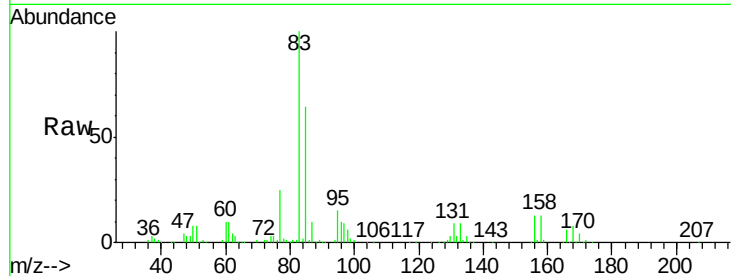
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	314885
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.0	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 94.489 ug/l m

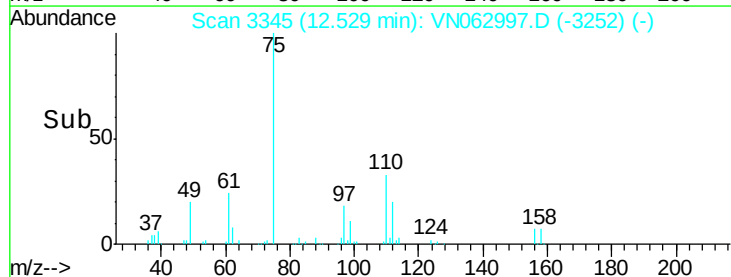
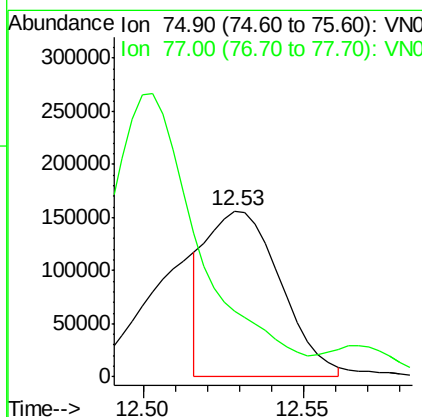
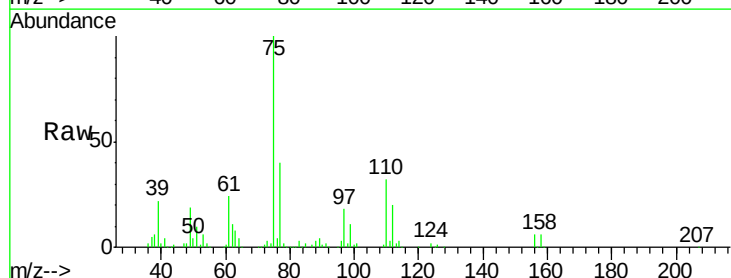
RT: 12.53 min Scan# 3345

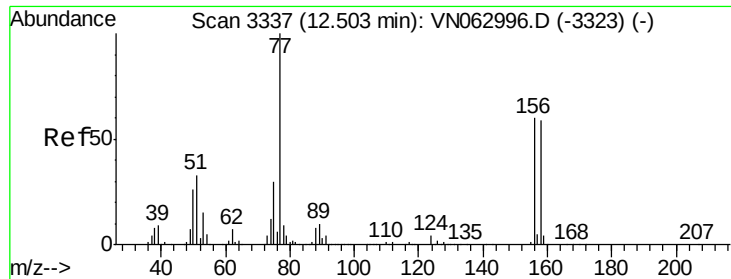
Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion:	75	Resp:	250323
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 104.612 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

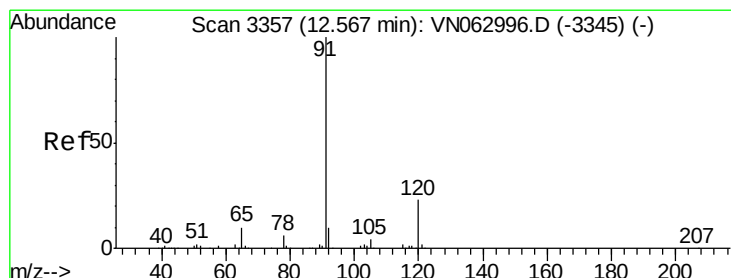
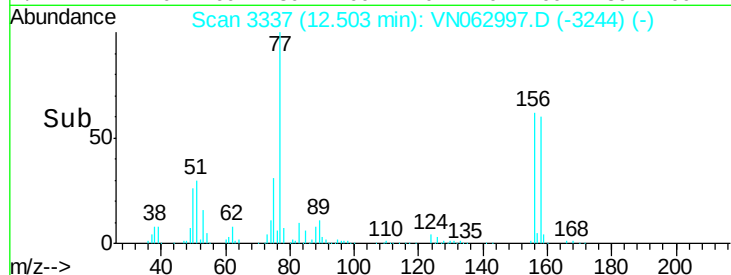
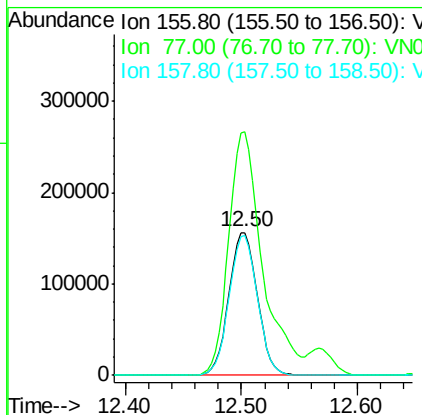
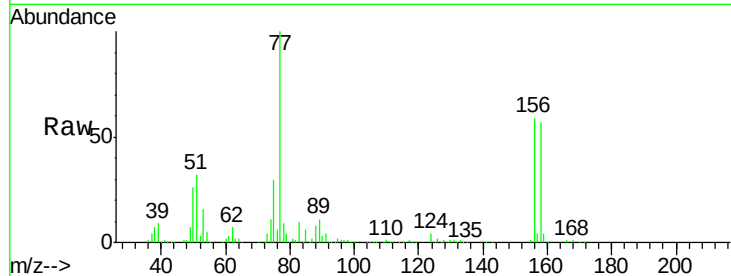
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	265020
Ion Ratio	Lower	Upper	
156	100		
77	201.9	101.0	302.9
158	97.4	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 114.339 ug/l

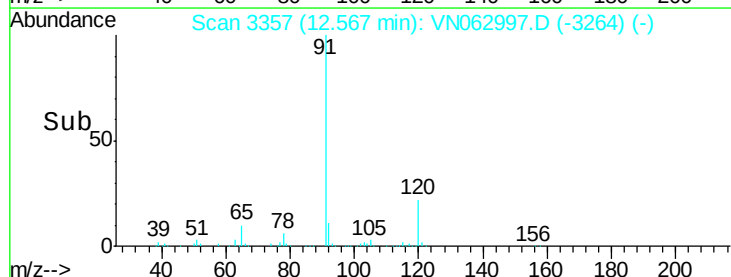
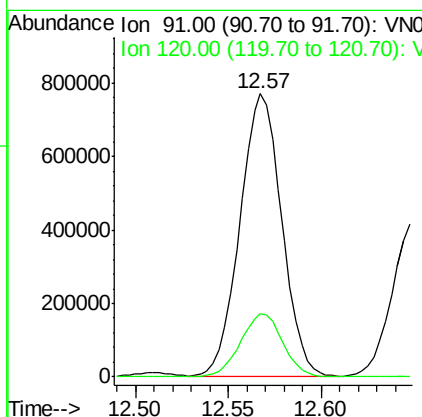
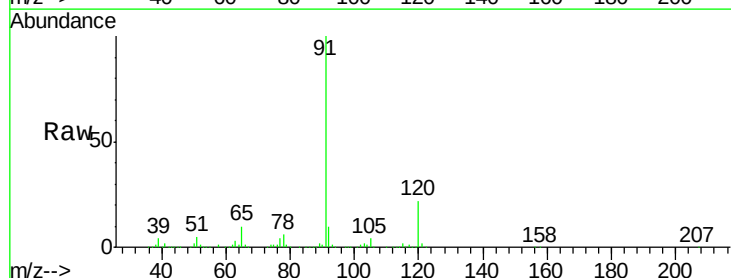
RT: 12.57 min Scan# 3357

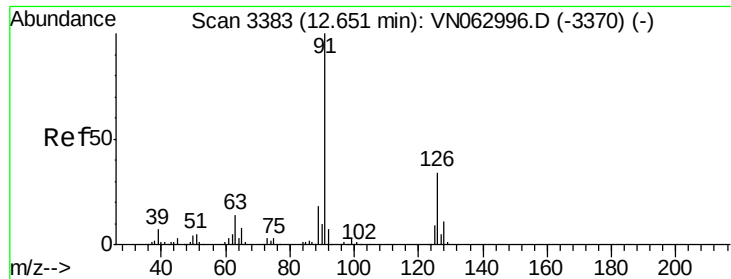
Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion:	91	Resp:	1200466
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 106.967 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 706393

Ion Ratio Lower Upper

91 100

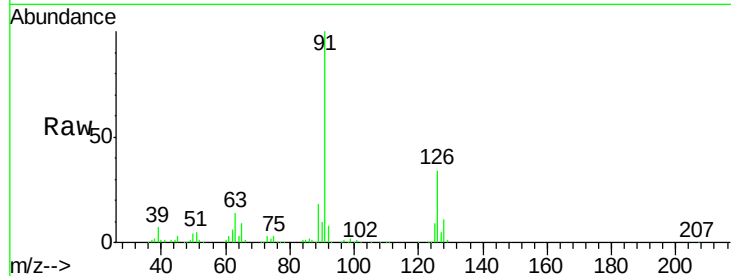
126 34.1 17.1 51.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062997.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062997.D (-3383) (-)

800000

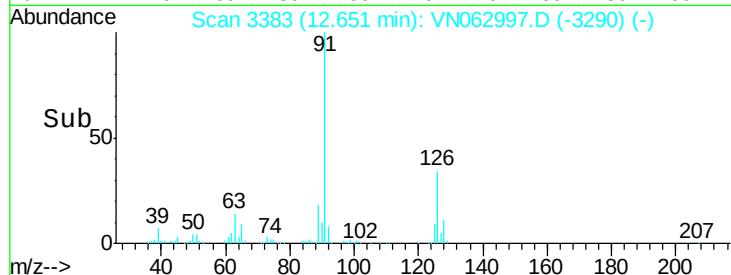
600000

400000

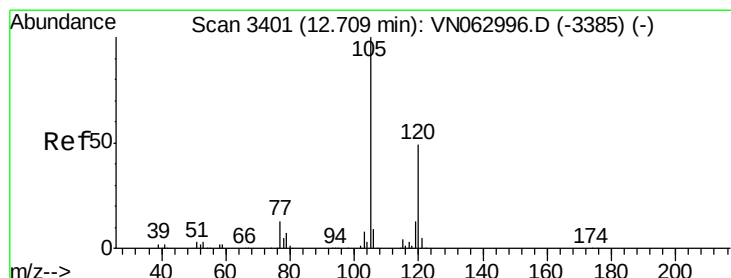
200000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 115.411 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062997.D

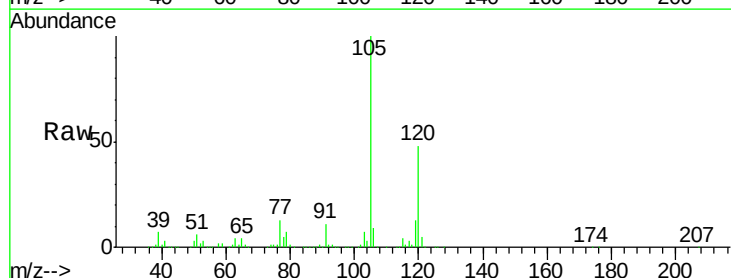
Acq: 18 Aug 2020 20:17

Tgt Ion: 105 Resp: 878798

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062997.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062997.D (-3401) (-)

600000

500000

400000

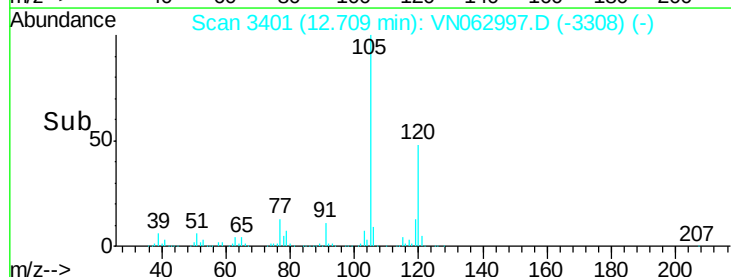
300000

200000

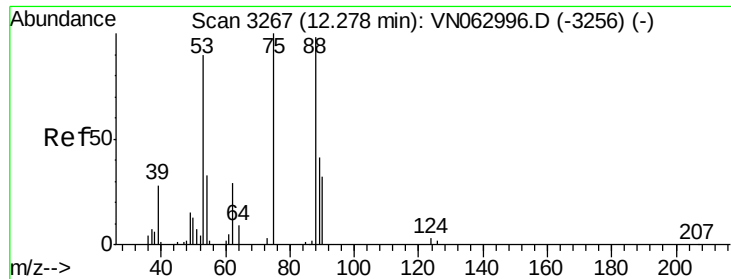
100000

0

12.60 12.70 12.80



Time-->



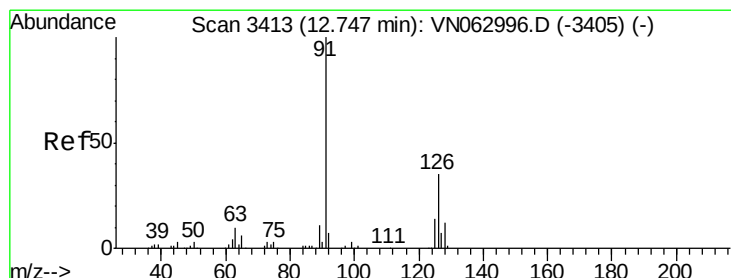
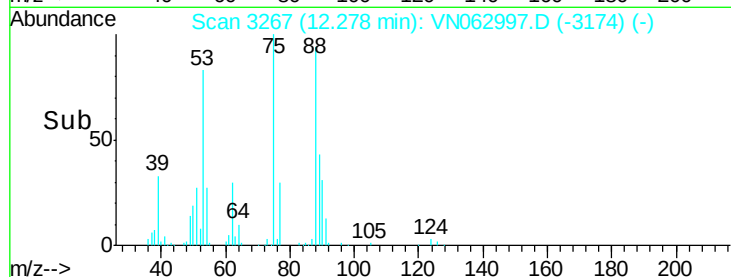
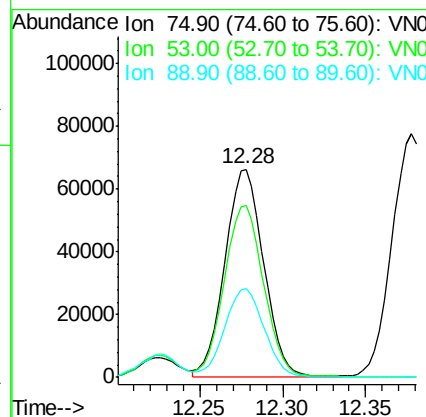
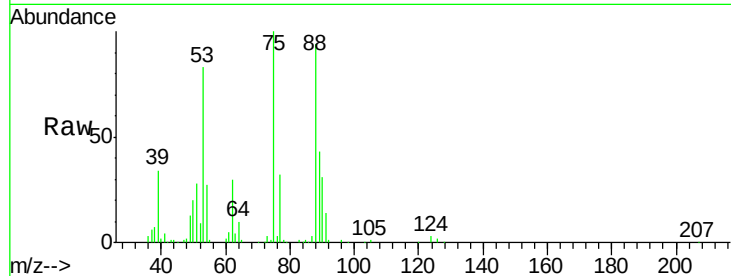
#81
trans-1,4-Dichloro-2-butene
Concen: 113.384 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	69.2	103.8
89	43.6	34.2	51.4

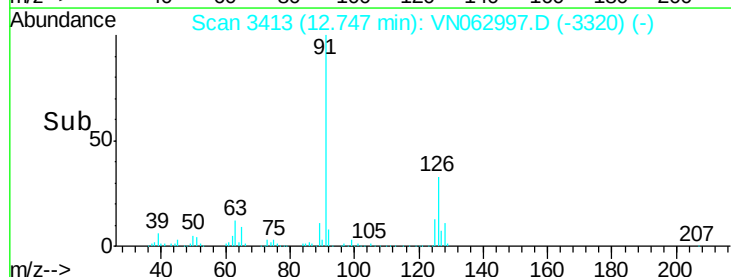
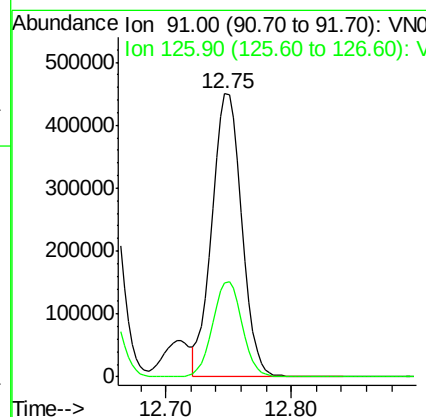
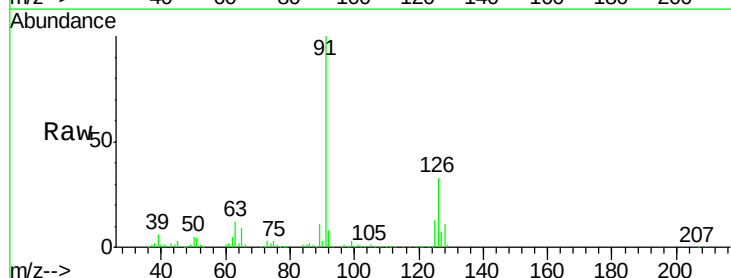
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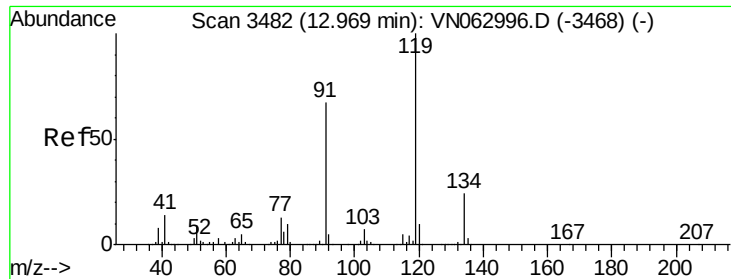
MMDadoda
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#82
4-Chlorotoluene
Concen: 110.667 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





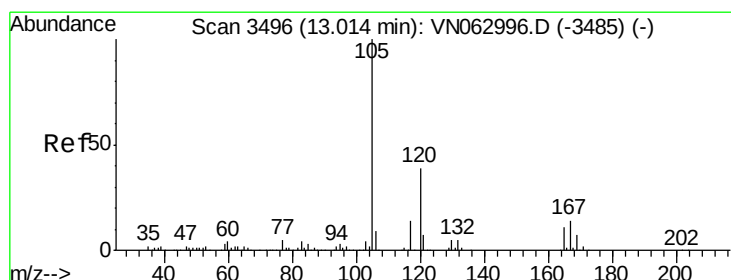
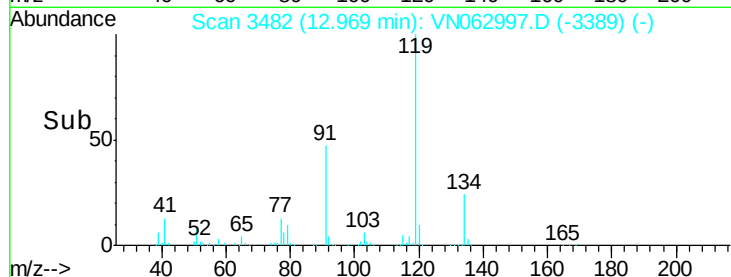
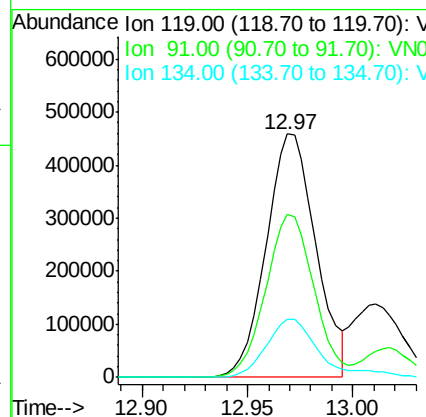
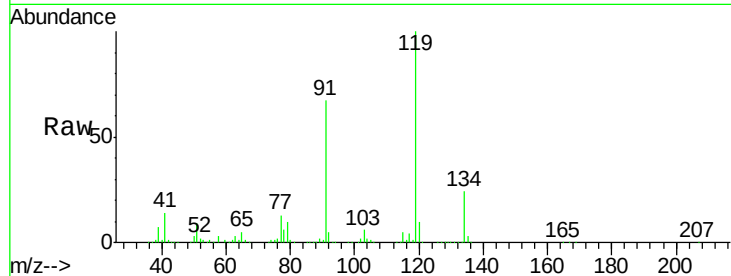
#83
 tert-Butylbenzene
 Concen: 114.241 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	750807		
91	64.9		32.5	97.4
134	23.9		13.1	39.3

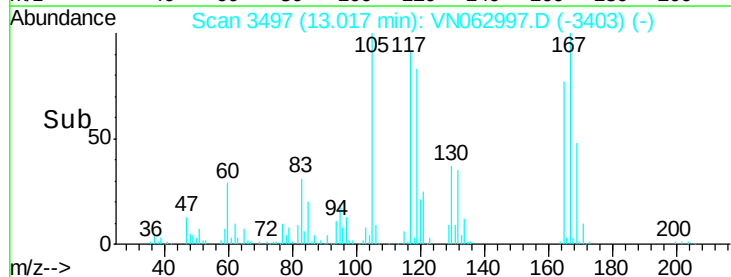
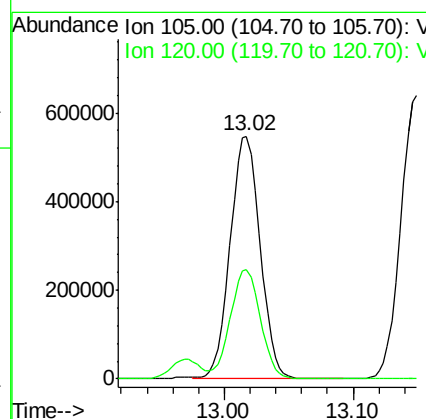
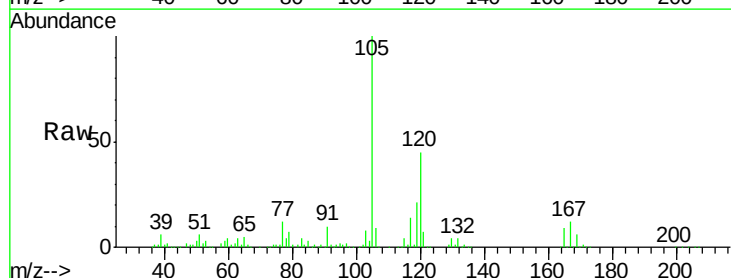
Manual Integrations
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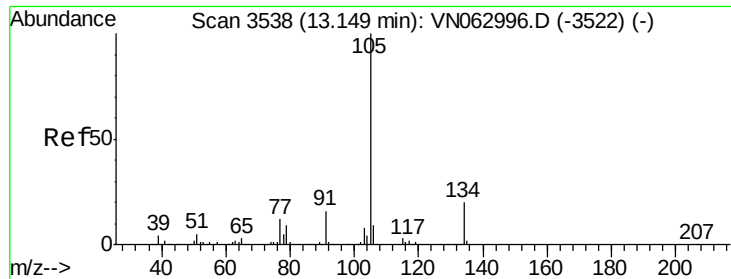
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#84
 1,2,4-Trimethylbenzene
 Concen: 118.690 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	880457		
120	45.2		22.5	67.5





#85

sec-Butylbenzene

Concen: 114.432 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1016397

Ion Ratio Lower Upper

105 100

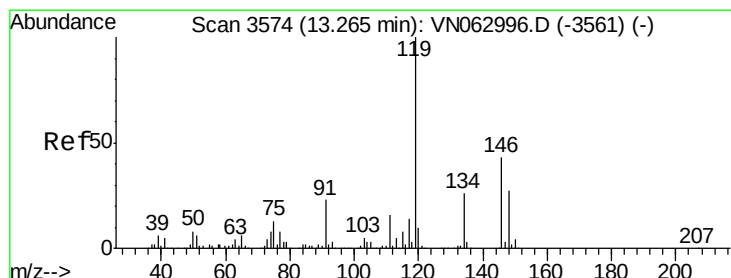
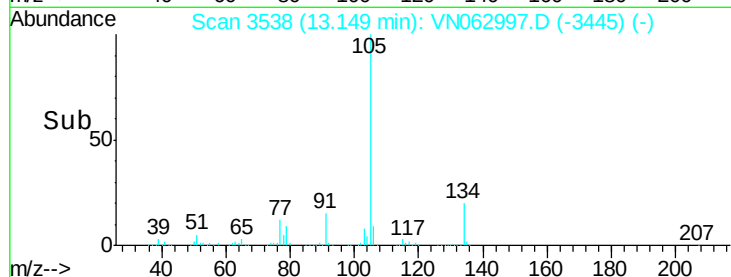
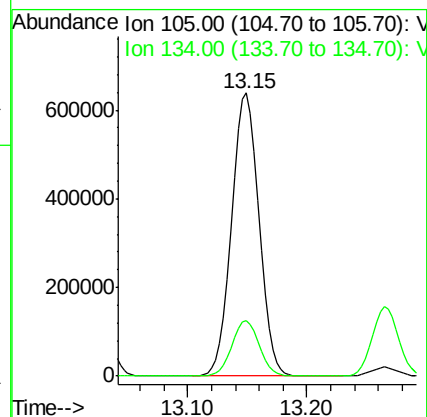
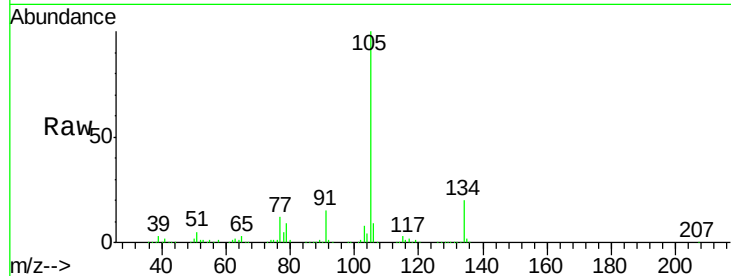
134 19.6 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 118.391 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

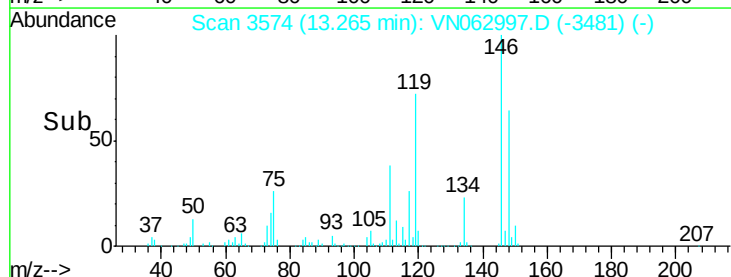
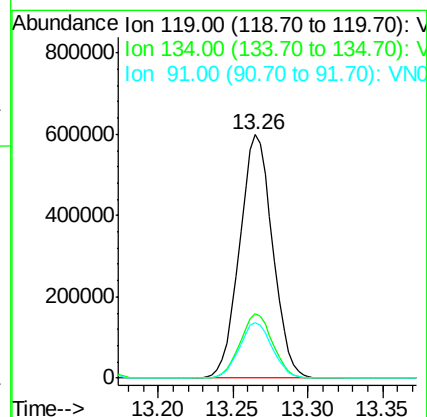
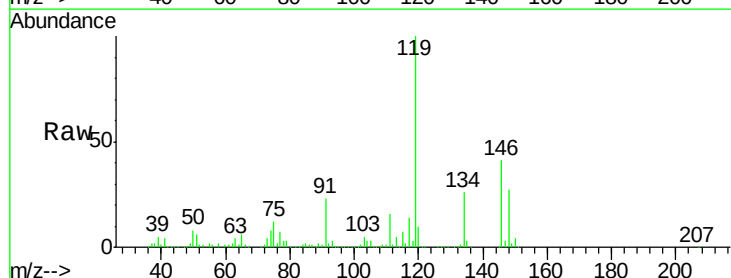
Tgt Ion:119 Resp: 916256

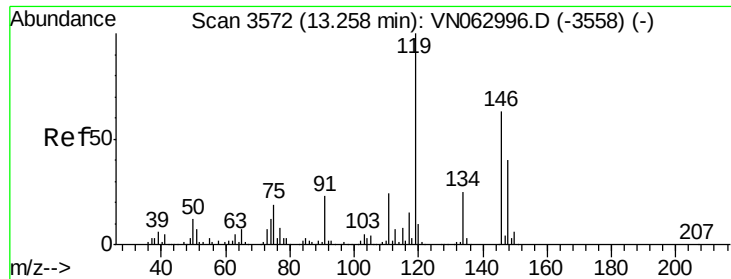
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.1 11.5 34.4





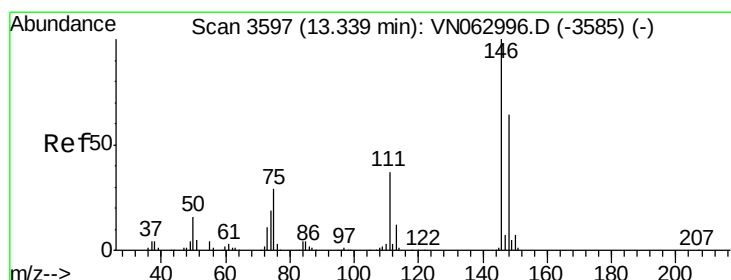
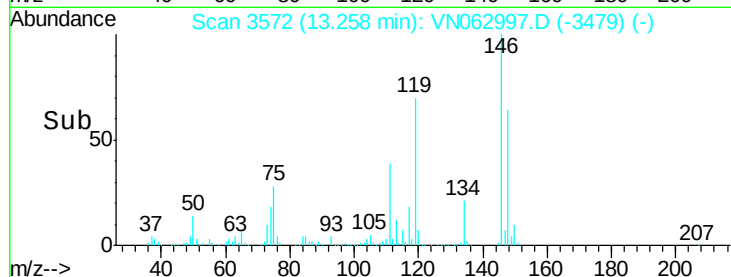
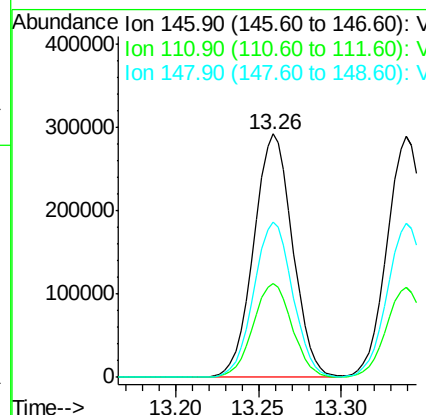
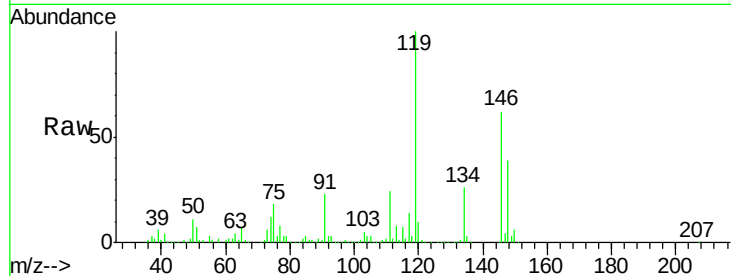
#87
 1,3-Dichlorobenzene
 Concen: 108.919 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	63.9	32.0	96.0

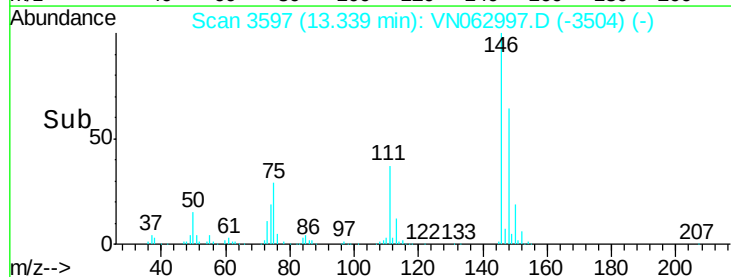
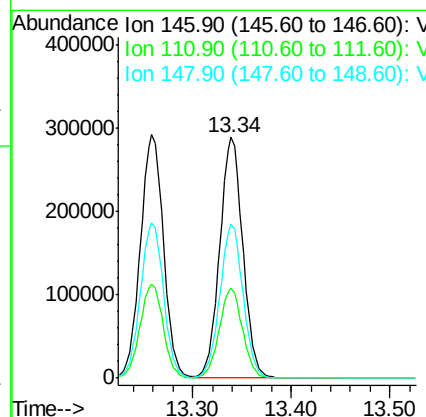
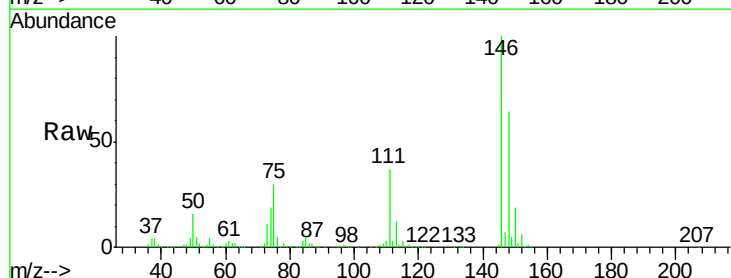
Manual Integrations
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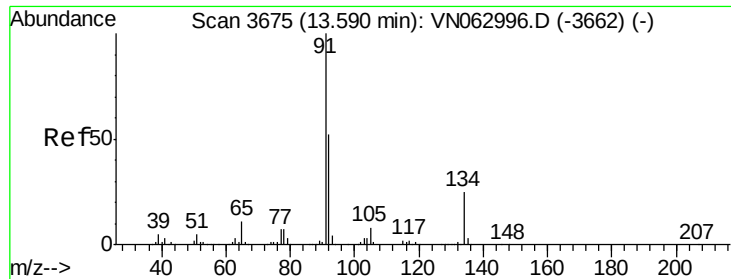
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#88
 1,4-Dichlorobenzene
 Concen: 106.980 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.0	32.4	97.0





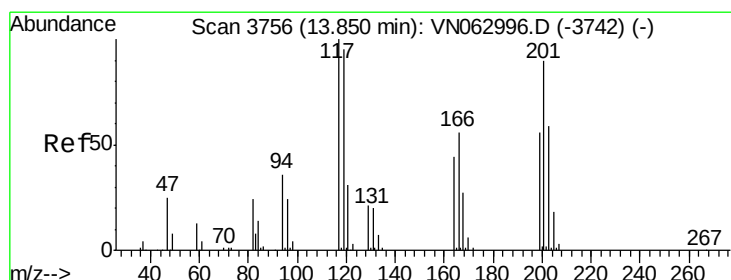
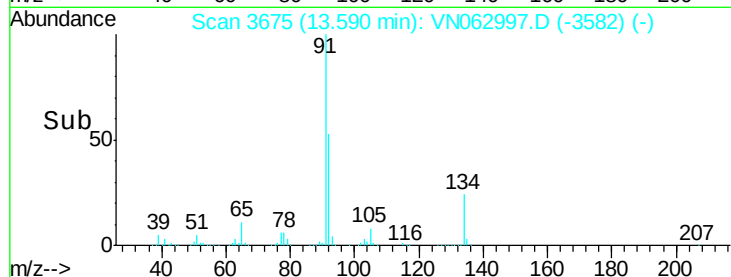
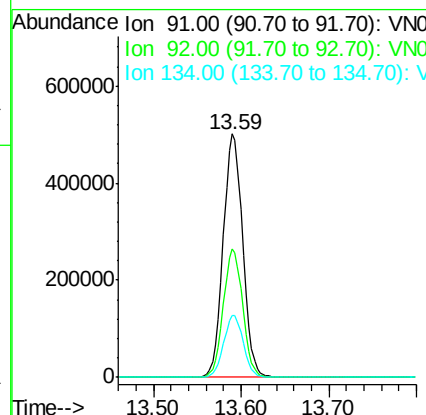
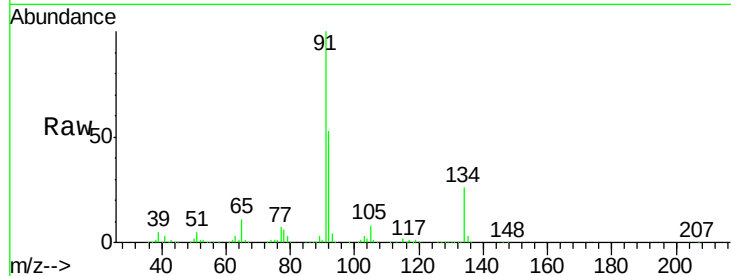
#89
n-Butylbenzene
Concen: 119.273 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.9	77.6
134	25.6	12.4	37.0

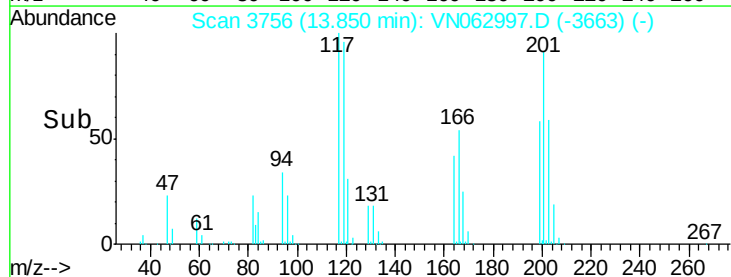
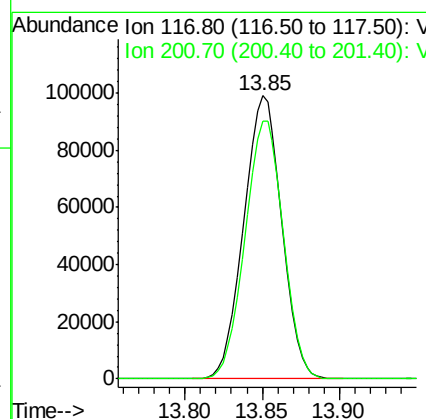
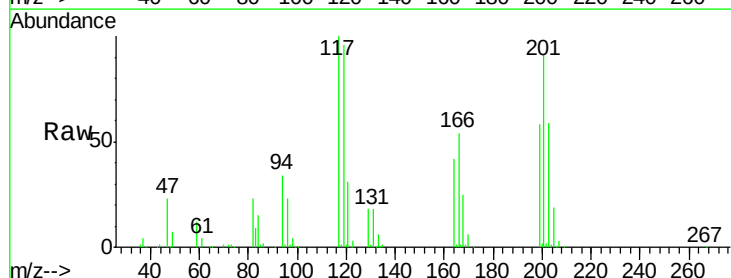
Manual Integrations
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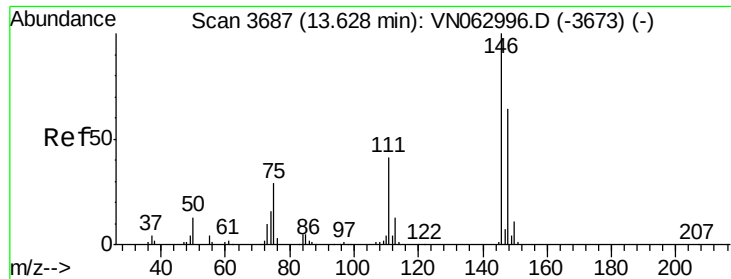
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#90
Hexachloroethane
Concen: 102.877 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.8	44.1	132.4





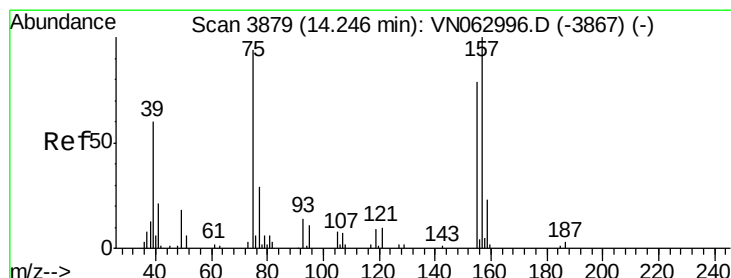
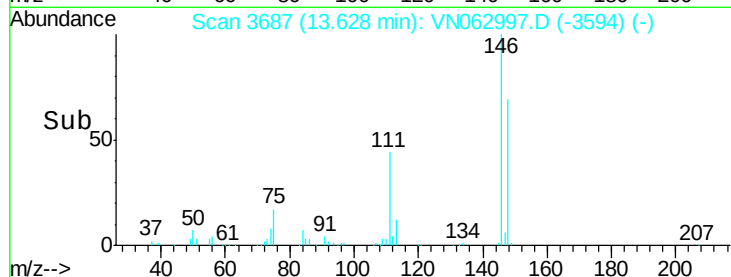
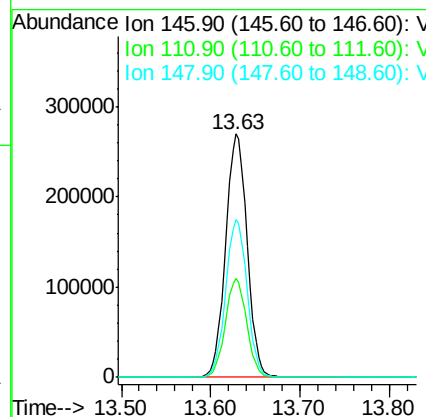
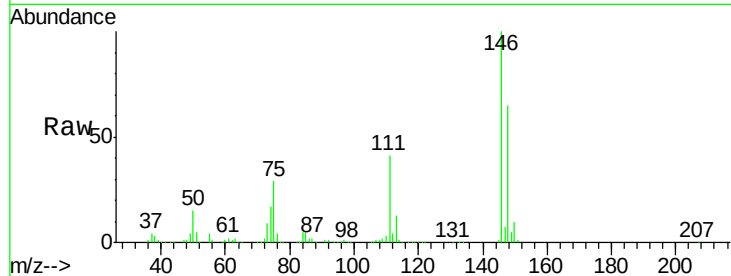
#91
 1,2-Dichlorobenzene
 Concen: 107.068 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	450281		
111	40.2		20.2	60.5
148	64.7		31.9	95.5

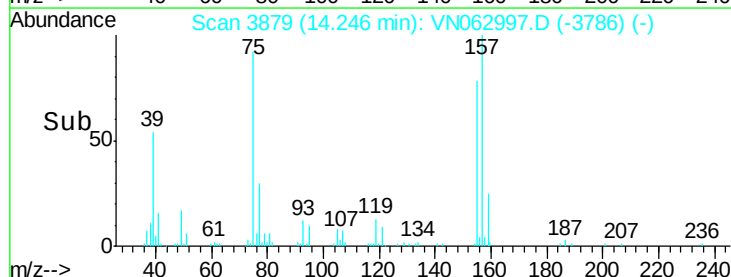
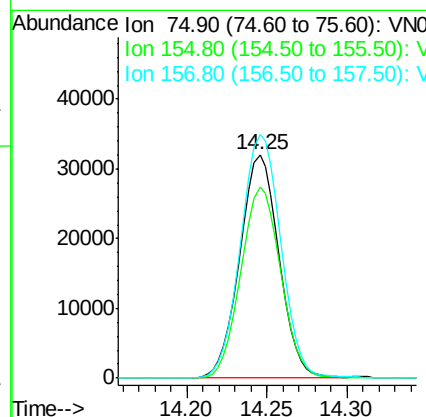
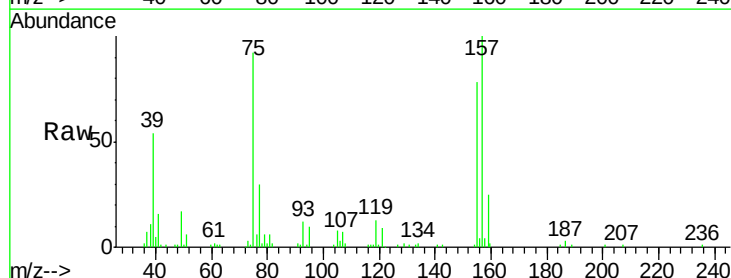
Manual Integrations
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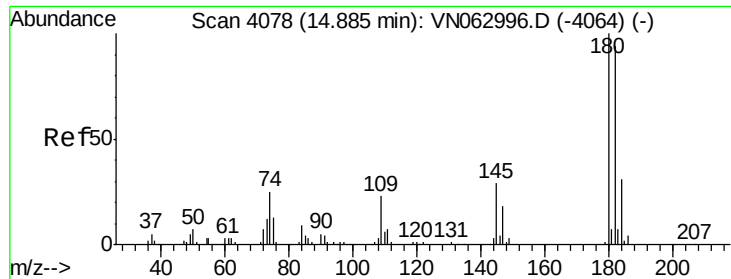
MMDadoda
 8/19/2020 5:46:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.268 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53473		
155	86.6		42.4	127.1
157	112.1		55.2	165.6





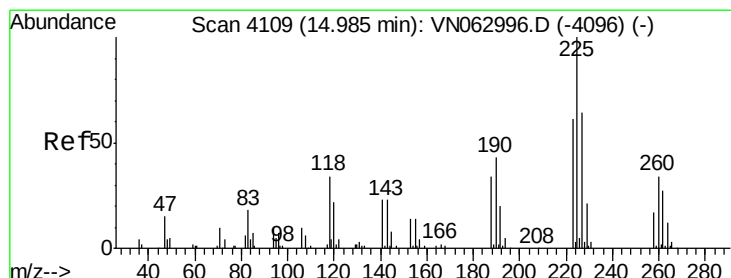
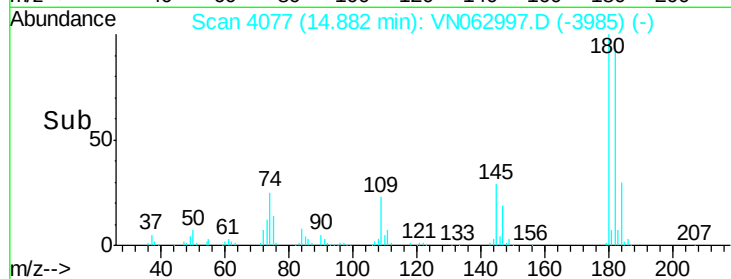
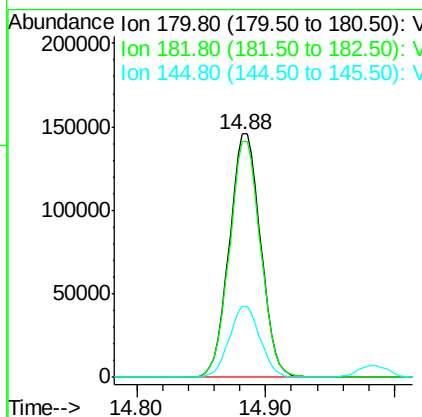
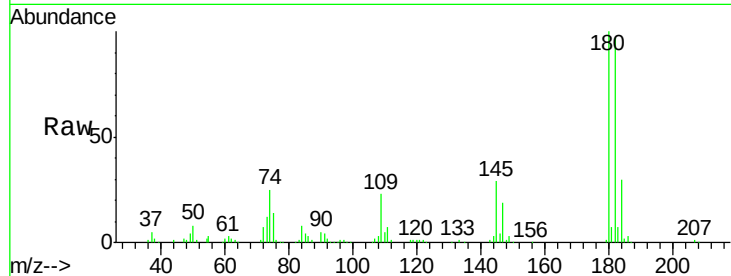
#93
 1,2,4-Trichlorobenzene
 Concen: 133.765 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245796		
182	96.5	47.0	141.2	
145	28.9	14.1	42.4	

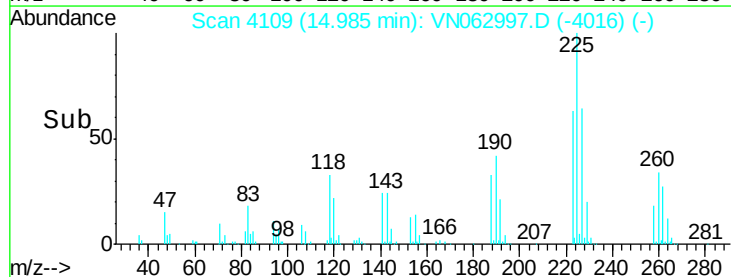
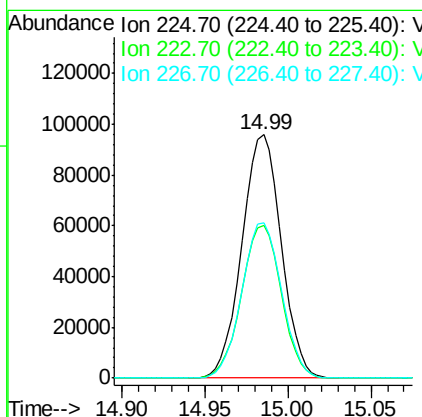
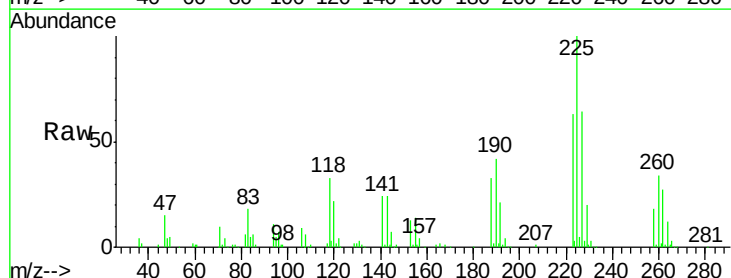
Manual Integrations
 APPROVED

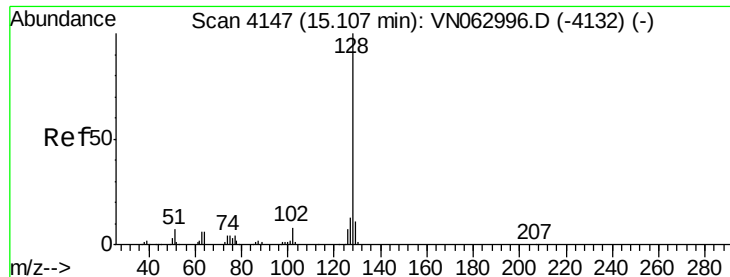
MMDadoda
 8/19/2020 5:46:15 PM



#94
 Hexachlorobutadiene
 Concen: 102.160 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158762		
223	63.2	30.9	92.5	
227	64.3	31.9	95.9	





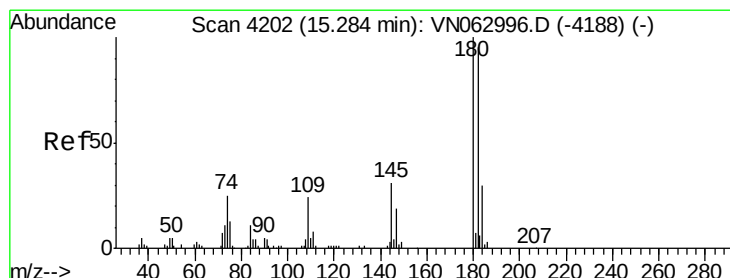
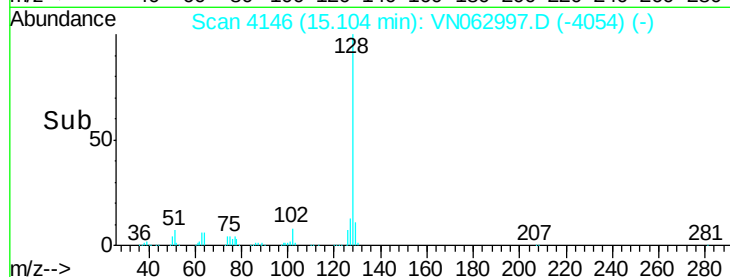
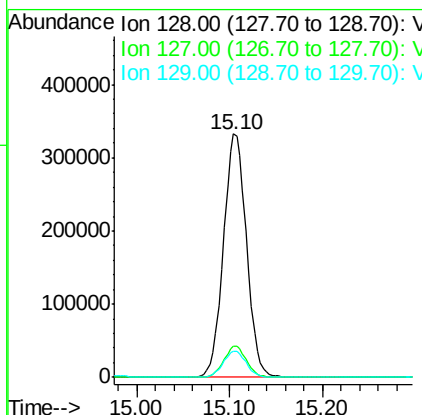
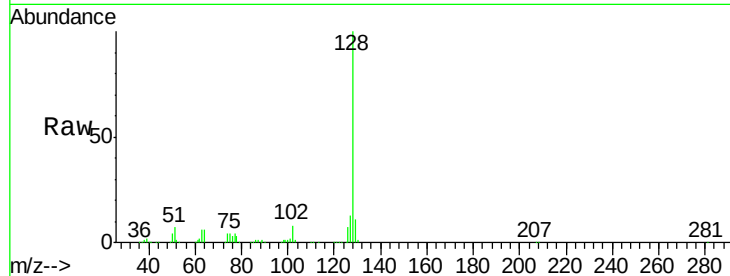
#95
Naphthalene
Concen: 139.905 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	128	Resp:	573437
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:46:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 132.475 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:	180	Resp:	244473
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	141.9
145	30.3	15.6	46.7

