

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059383.D
 Acq On : 25 Nov 2019 15:21
 Operator : JC/SP
 Sample : VN1125WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:32:15 PM

Quant Time: Nov 25 17:23:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	131127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	172834	68.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.86%	
35) Dibromofluoromethane	7.57	113	138576	70.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.08%	
50) Toluene-d8	10.08	98	553647	70.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.78%	
62) 4-Bromofluorobenzene	12.40	95	190356	69.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64635	24.158	ug/l	98
3) Chloromethane	2.04	50	78000	23.798	ug/l	100
4) Vinyl Chloride	2.17	62	84226	24.959	ug/l	99
5) Bromomethane	2.55	94	47780	25.503	ug/l	97
6) Chloroethane	2.69	64	43466	23.601	ug/l	97
7) Trichlorofluoromethane	3.00	101	85901	23.639	ug/l	97
8) Diethyl Ether	3.39	74	37277	25.092	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	56039	25.219	ug/l	99
10) Methyl Iodide	3.93	142	70024	25.356	ug/l	98
11) Tert butyl alcohol	4.74	59	60765	121.038	ug/l	100
12) 1,1-Dichloroethene	3.72	96	55200	24.473	ug/l	95
13) Acrolein	3.58	56	25645	55.959	ug/l	99
14) Allyl chloride	4.30	41	101710	24.138	ug/l	99
15) Acrylonitrile	4.95	53	164010	123.559	ug/l	99
16) Acetone	3.79	43	163742	145.638	ug/l	100
17) Carbon Disulfide	4.03	76	166208	23.587	ug/l	99
18) Methyl Acetate	4.30	43	93860	25.155	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	180609	24.792	ug/l	99
20) Methylene Chloride	4.53	84	62947	24.824	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	57263	23.955	ug/l	96
22) Diisopropyl ether	5.92	45	193506	24.391	ug/l	95
23) Vinyl Acetate	5.87	43	751620	120.478	ug/l	100
24) 1,1-Dichloroethane	5.82	63	110817	24.816	ug/l	100
25) 2-Butanone	6.81	43	221505	126.698	ug/l	97
26) 2,2-Dichloropropane	6.80	77	92573	23.941	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	64928	24.074	ug/l	100
28) Bromochloromethane	7.17	49	1886	3.339	ug/l #	74
29) Tetrahydrofuran	7.19	42	146319	121.036	ug/l	99
30) Chloroform	7.35	83	106093	24.413	ug/l	99
31) Cyclohexane	7.63	56	102648	23.249	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	88510	23.772	ug/l	99
36) 1,1-Dichloropropene	7.77	75	81716	24.003	ug/l	99
37) Ethyl Acetate	6.90	43	88886	24.294	ug/l	99
38) Carbon Tetrachloride	7.76	117	78407	24.058	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	96708	23.558	ug/l	99
40) Benzene	8.02	78	245045	24.525	ug/l	99
41) Methacrylonitrile	7.16	41	46036m	28.344	ug/l	
42) 1,2-Dichloroethane	8.10	62	80867	24.471	ug/l	99
43) Isopropyl Acetate	8.15	43	134278	24.014	ug/l	100
44) Trichloroethene	8.82	130	62664	24.746	ug/l	97
45) 1,2-Dichloropropane	9.10	63	65021	24.404	ug/l	99
46) Dibromomethane	9.19	93	40407	24.725	ug/l	98
47) Bromodichloromethane	9.39	83	80420	24.571	ug/l	99
48) Methyl methacrylate	9.19	41	57956	22.793	ug/l	96
49) 1,4-Dioxane	9.18	88	19578	512.302	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	411872	125.843	ug/l	99
52) Toluene	10.15	92	149209	24.835	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	92965	24.434	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	100698	24.390	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	59249	25.364	ug/l	98
56) Ethyl methacrylate	10.42	69	85097	22.817	ug/l	98
57) 1,3-Dichloropropane	10.70	76	102545	25.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	99171	85.027	ug/l	98
59) 2-Hexanone	10.75	43	303891	126.803	ug/l	98
60) Dibromochloromethane	10.90	129	60907	24.743	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60046	24.705	ug/l	98
64) Tetrachloroethene	10.63	164	56633	24.888	ug/l	98
65) Chlorobenzene	11.43	112	154939	24.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	57030	24.814	ug/l	100
67) Ethyl Benzene	11.51	91	276046	24.438	ug/l	99
68) m/p-Xylenes	11.62	106	204723	48.775	ug/l	100
69) o-Xylene	11.95	106	96897	24.114	ug/l	100
70) Styrene	11.96	104	150318	23.708	ug/l	98
71) Bromoform	12.13	173	42699	24.532	ug/l #	100
73) Isopropylbenzene	12.25	105	263819	24.560	ug/l	100
74) N-amyl acetate	12.07	43	97646	22.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	87095	24.511	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	78889m	26.041	ug/l	
77) Bromobenzene	12.53	156	63241	24.273	ug/l	98
78) n-propylbenzene	12.59	91	298765	24.554	ug/l	99
79) 2-Chlorotoluene	12.67	91	179450	24.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	219206	24.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28188	23.273	ug/l	97
82) 4-Chlorotoluene	12.77	91	181298	23.458	ug/l	98
83) tert-Butylbenzene	12.99	119	188777	24.753	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	217566	24.596	ug/l	100
85) sec-Butylbenzene	13.17	105	251745	24.560	ug/l	99
86) p-Isopropyltoluene	13.29	119	220203	24.142	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	110439	23.802	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108969	23.737	ug/l	99
89) n-Butylbenzene	13.62	91	187222	23.399	ug/l	99
90) Hexachloroethane	13.88	117	41160	23.828	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	109598	24.414	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16638	22.024	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58890	22.791	ug/l	100
94) Hexachlorobutadiene	15.01	225	40058	24.768	ug/l	99
95) Naphthalene	15.13	128	155182	21.969	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	58582	22.466	ug/l	99

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

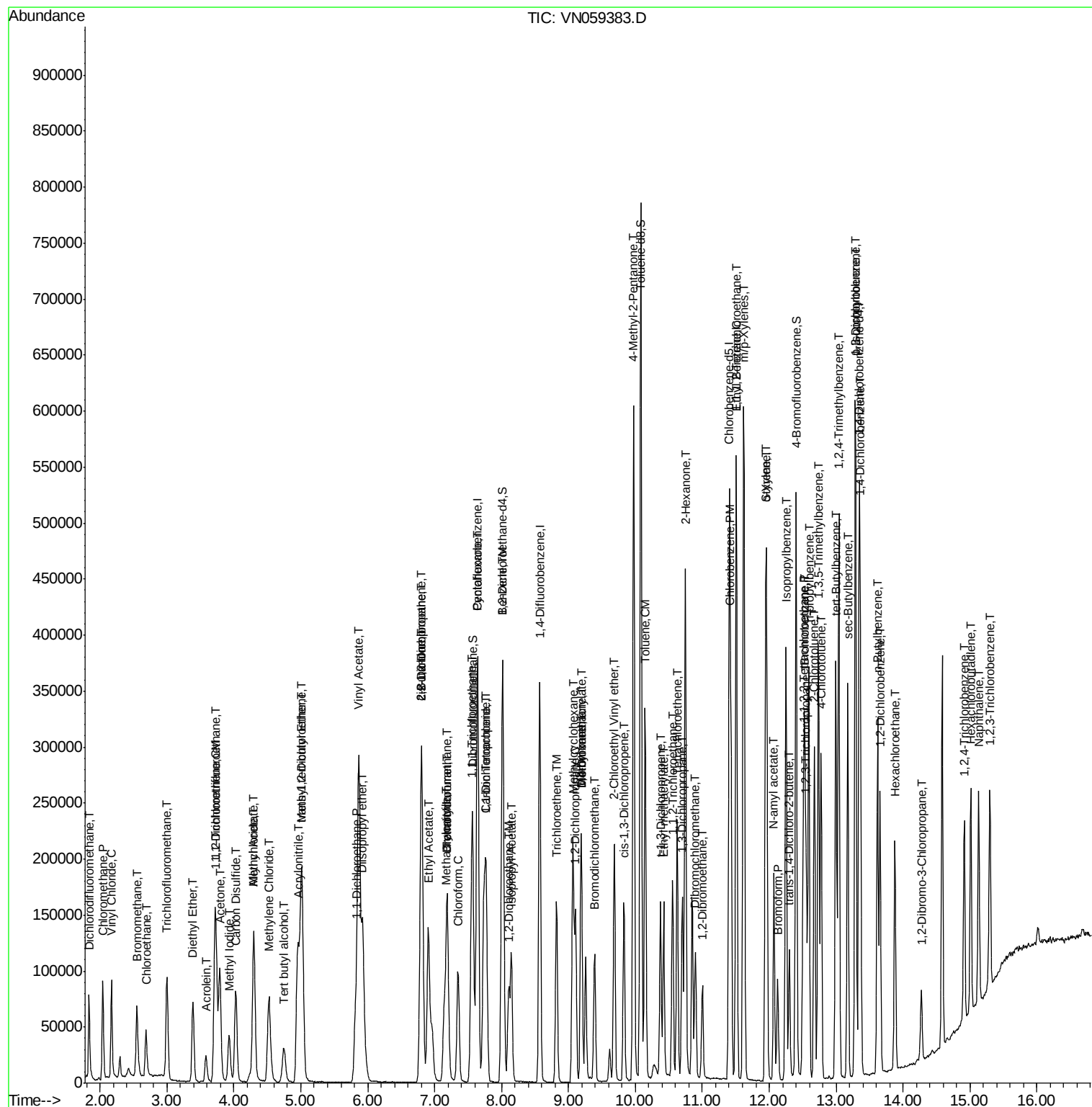
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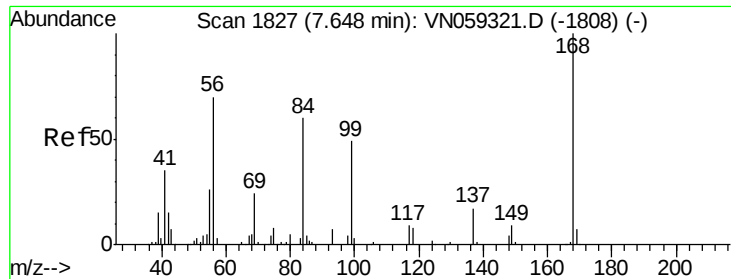
Instrument :
MSVOA_N
Client Sample ID :
VN1125WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:168 Resp: 208986

Ion Ratio Lower Upper

168 100

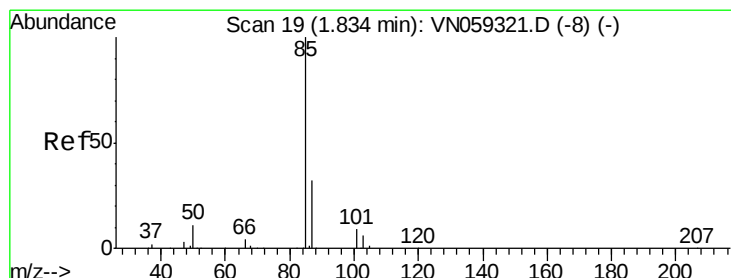
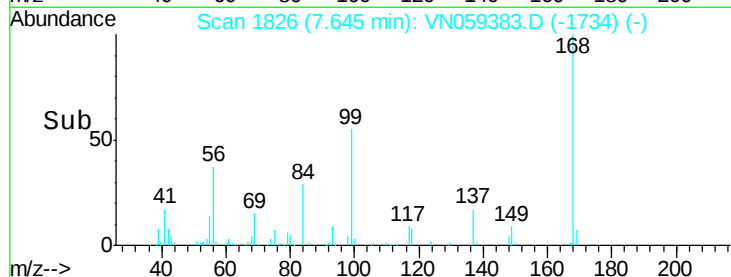
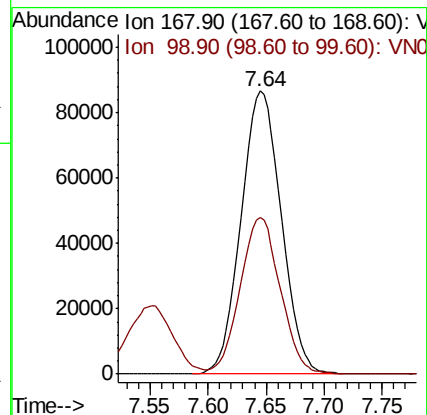
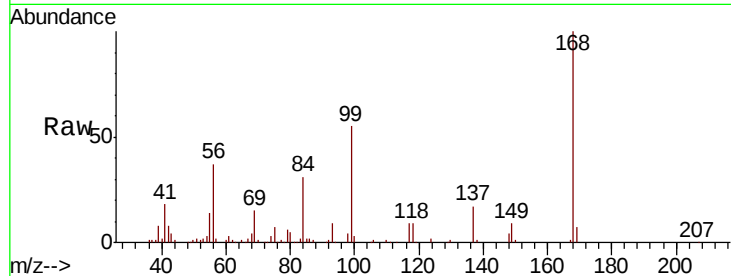
99 55.1 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 24.158 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059383.D

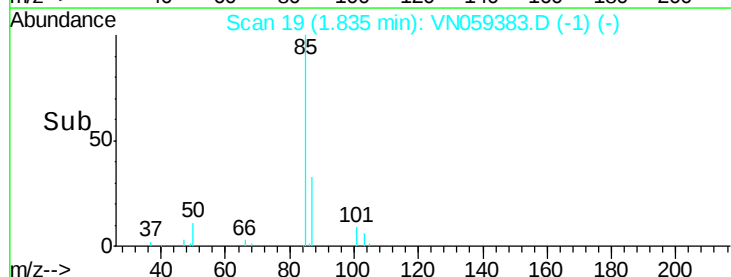
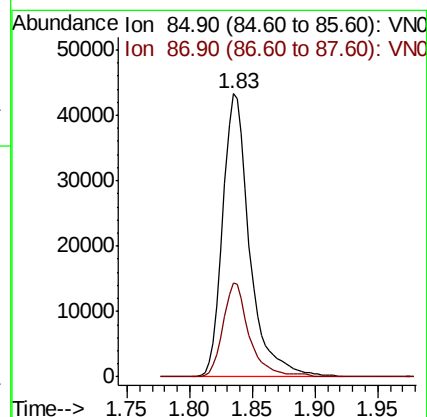
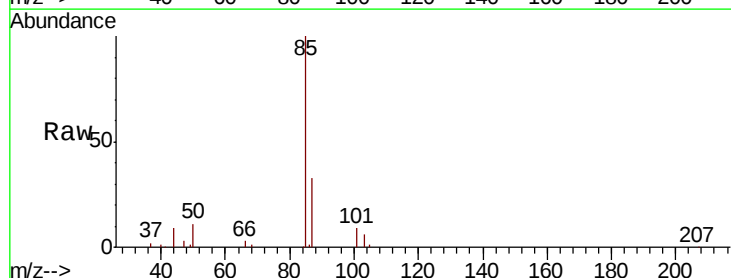
Acq: 25 Nov 2019 15:21

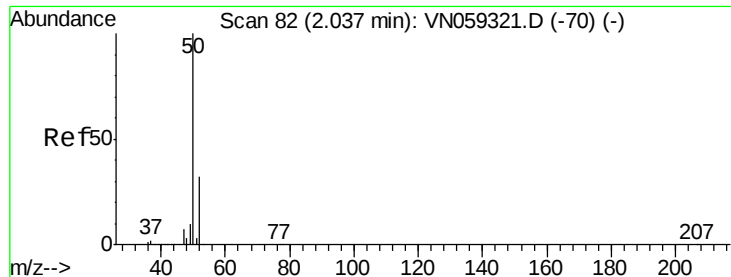
Tgt Ion: 85 Resp: 64635

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0





#3

Chloromethane

Concen: 23.798 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 50 Resp: 78000

Ion Ratio Lower Upper

50 100

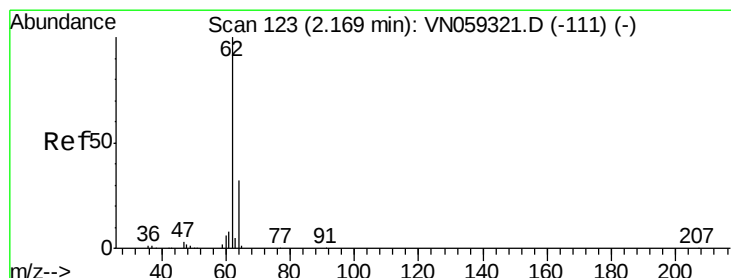
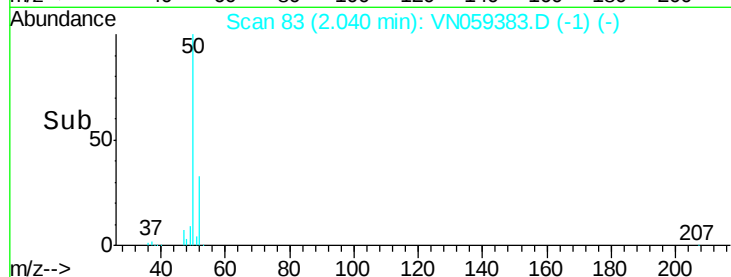
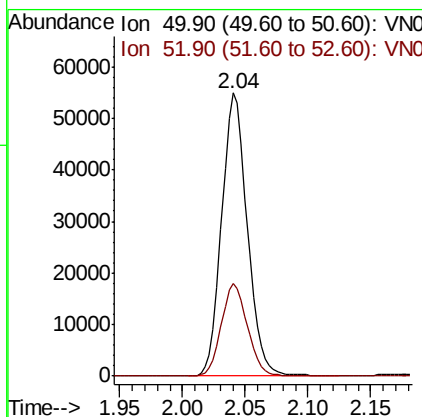
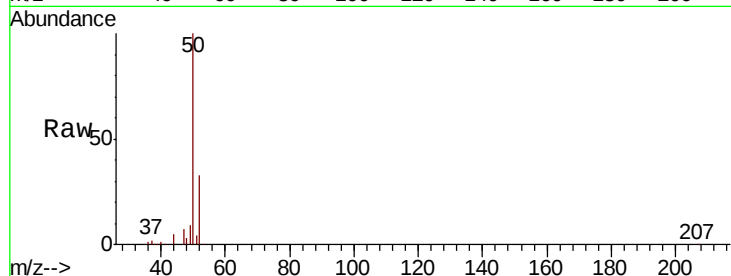
52 32.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.959 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059383.D

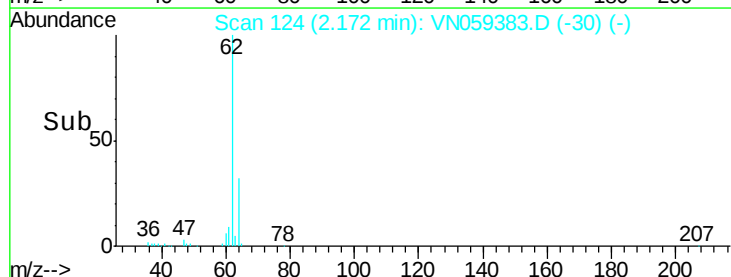
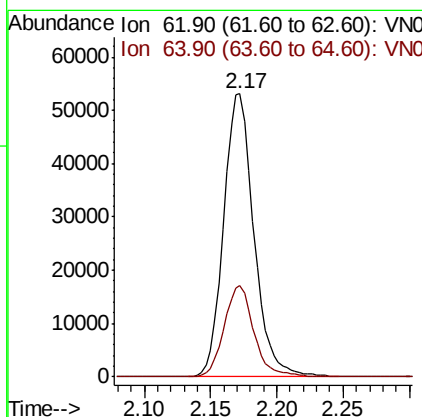
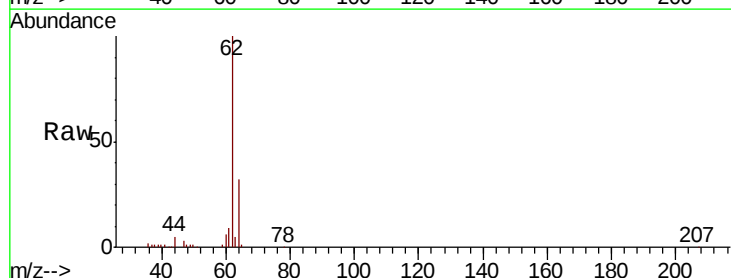
Acq: 25 Nov 2019 15:21

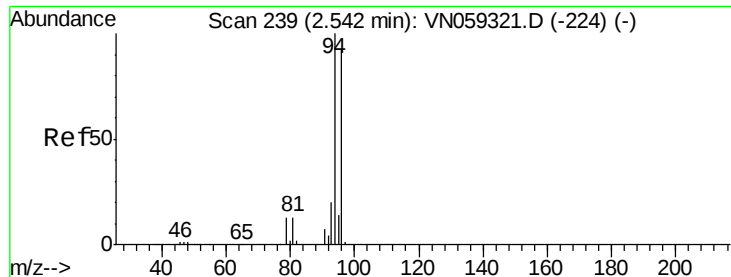
Tgt Ion: 62 Resp: 84226

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 25.503 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

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ClientSampleId :

VN1125WBSD01

Tot Ion: 94 Resp: 47780

Ion Ratio Lower Upper

94 100

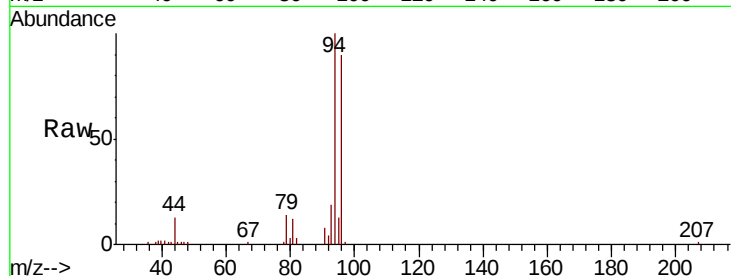
96 90.2 74.5 111.7

Manual Integrations

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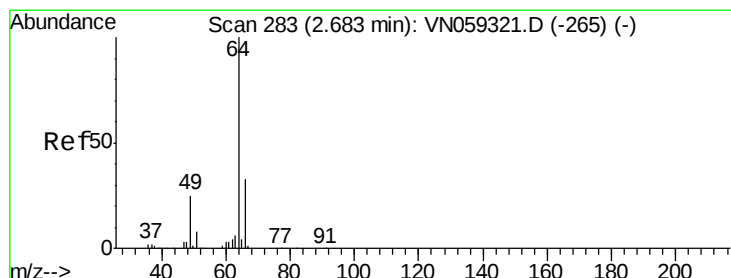
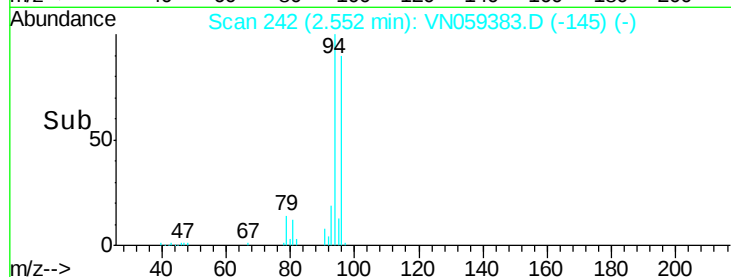
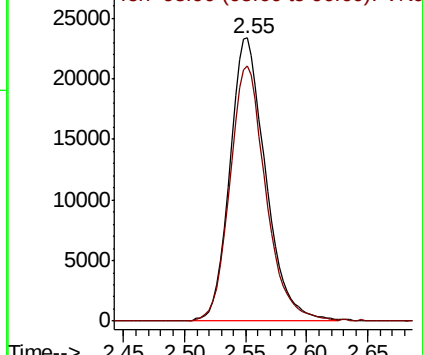
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 23.601 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059383.D

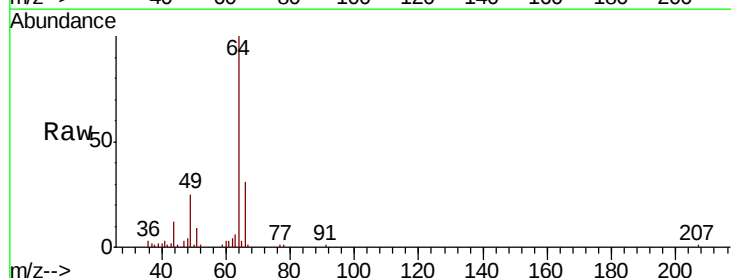
Acq: 25 Nov 2019 15:21

Tgt Ion: 64 Resp: 43466

Ion Ratio Lower Upper

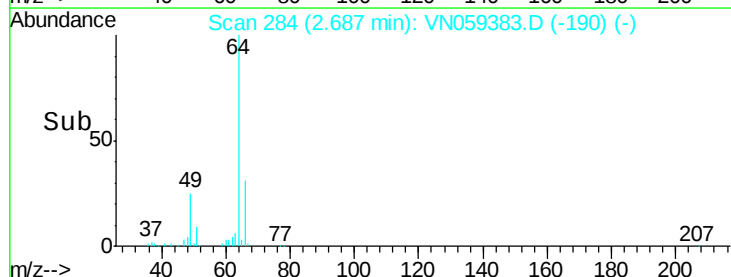
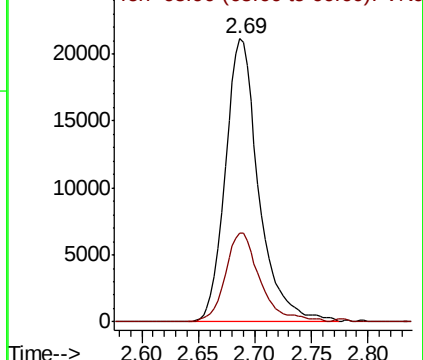
64 100

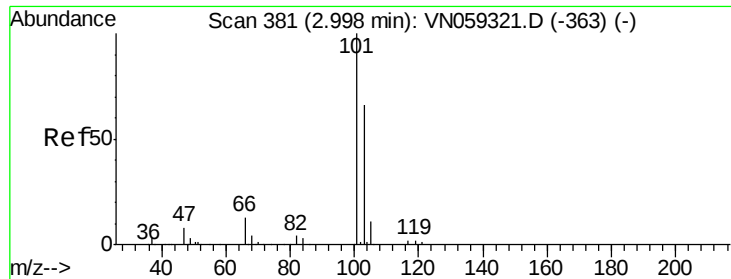
66 31.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

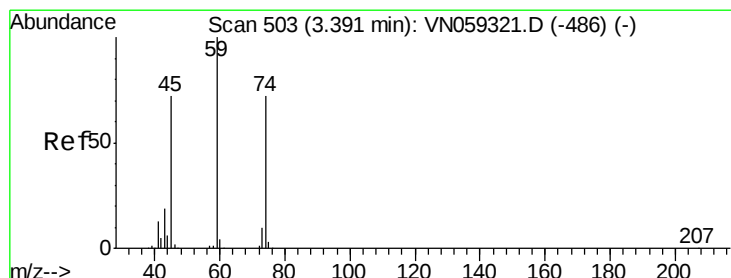
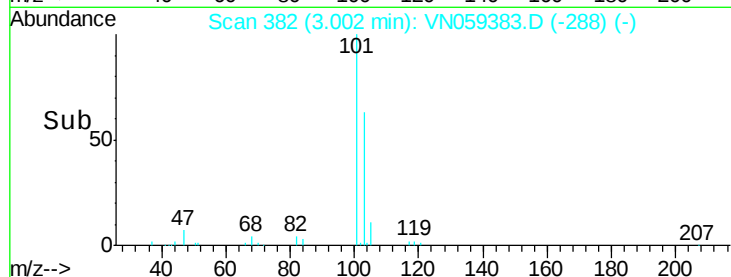
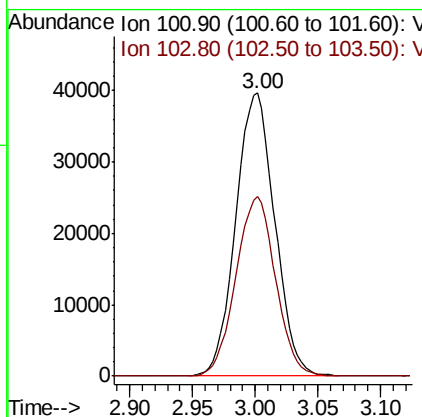
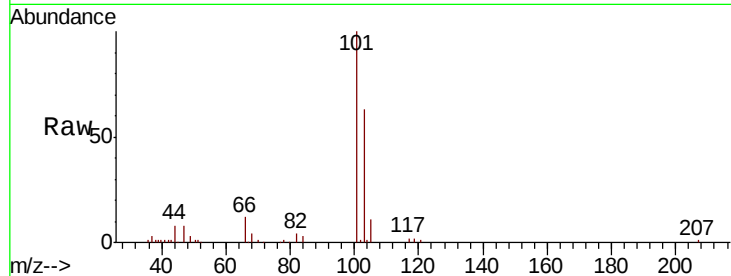
Trichlorofluoromethane
Concen: 23.639 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.5	78.7

Manual Integrations
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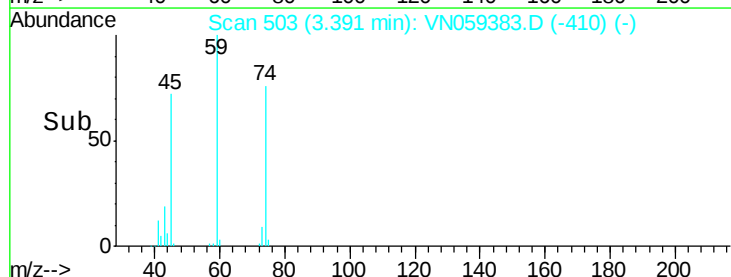
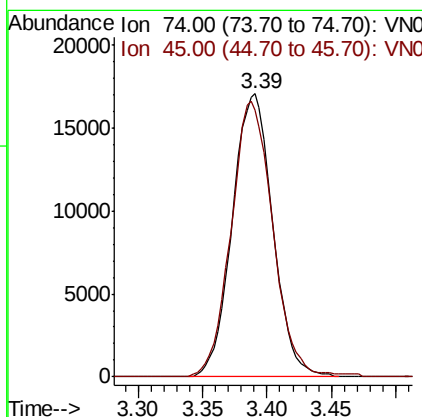
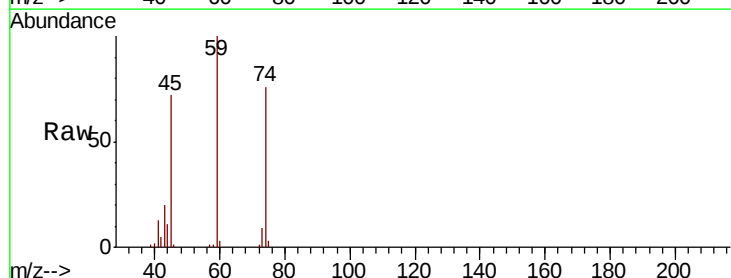
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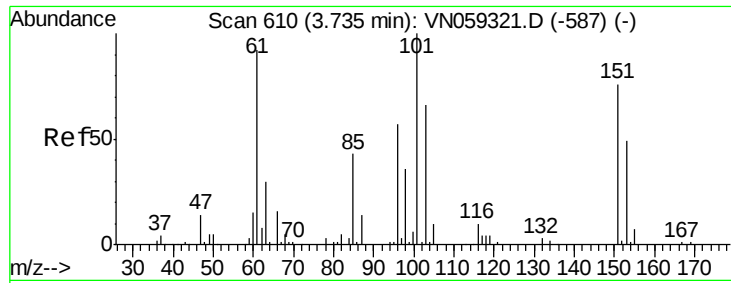


#8

Diethyl Ether
Concen: 25.092 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN059383.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	51.7	155.2





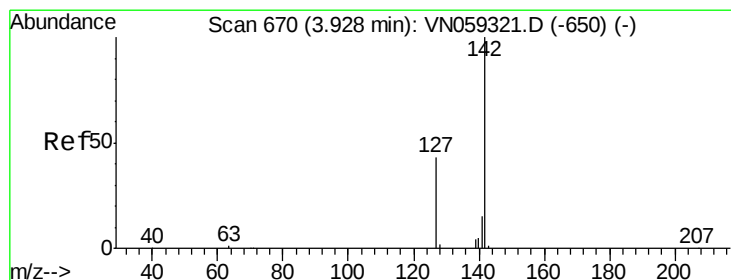
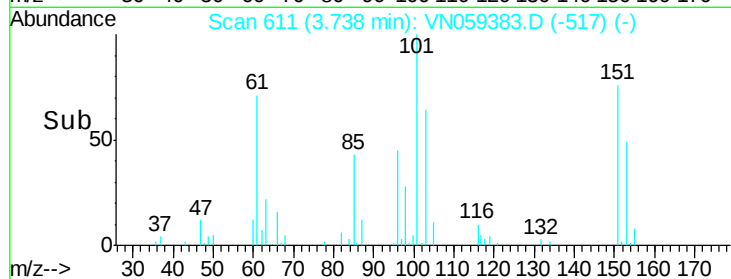
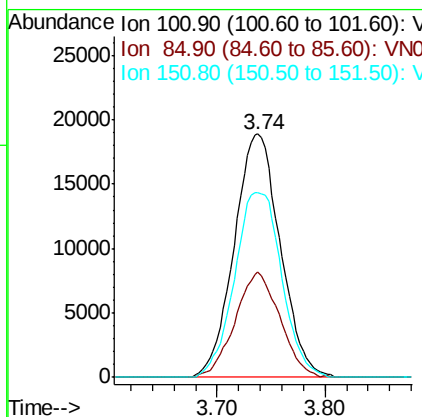
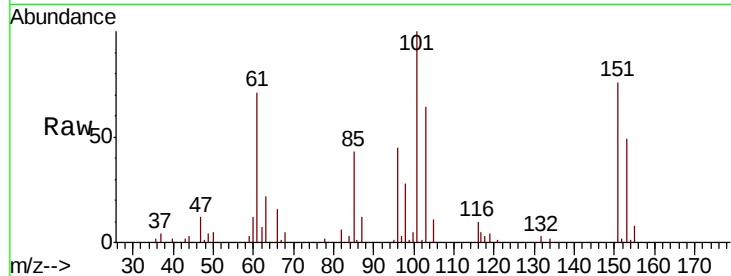
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 25.219 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.8	52.2
151	77.7	62.2	93.4

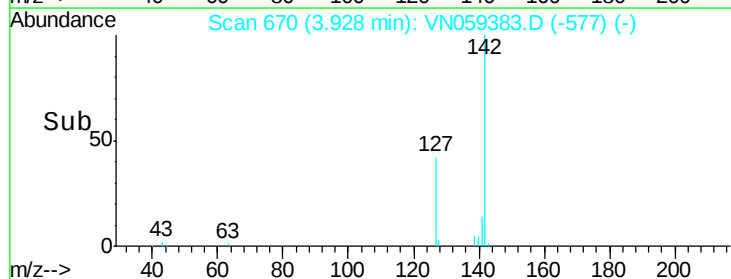
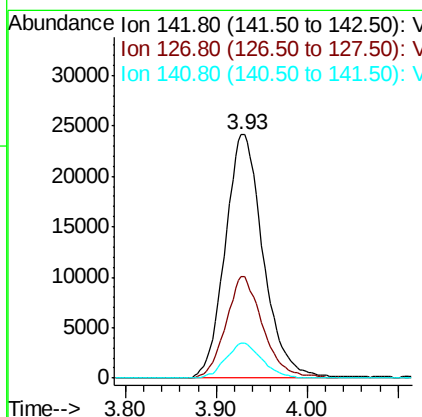
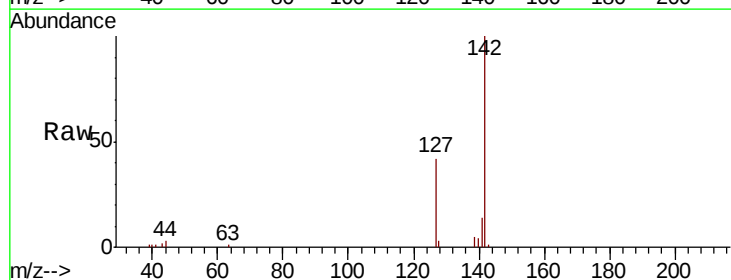
Manual Integrations
 APPROVED

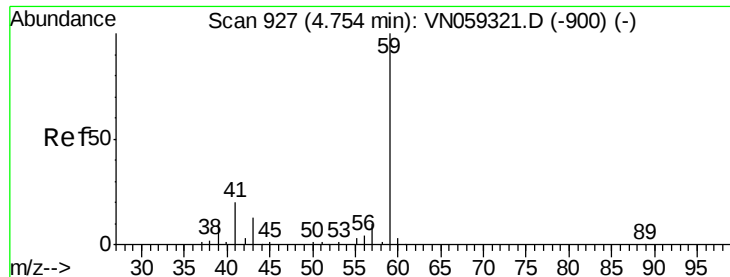
apatel
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#10
 Methyl Iodide
 Concen: 25.356 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.4	33.8	50.6
141	13.7	11.2	16.8





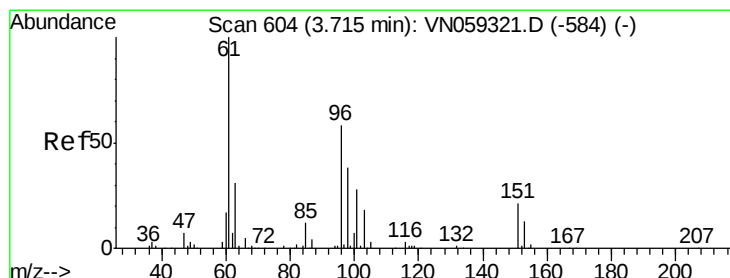
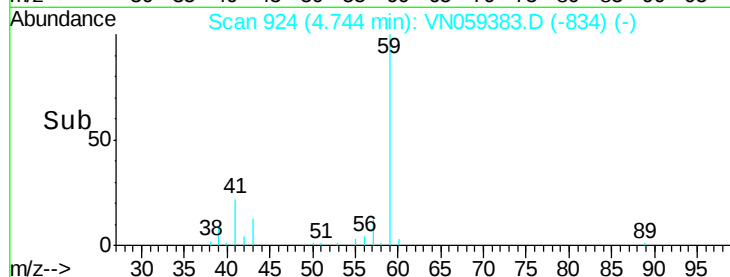
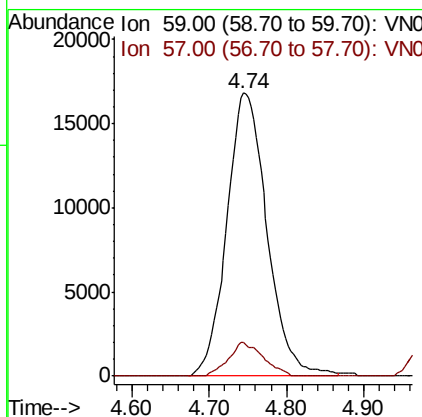
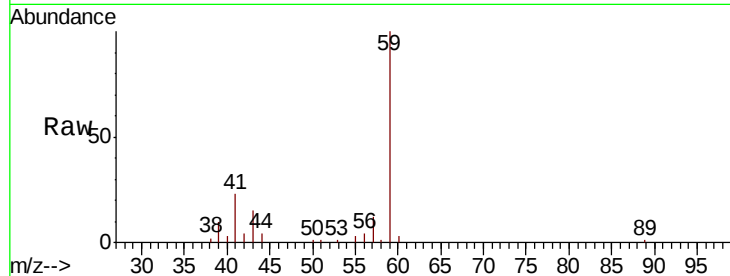
#11
Tert butyl alcohol
Concen: 121.038 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.01 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	59	57	Ratio	100	10.2	Resp	60765	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.2	Resp	60765	Lower	8.2	Upper	12.2

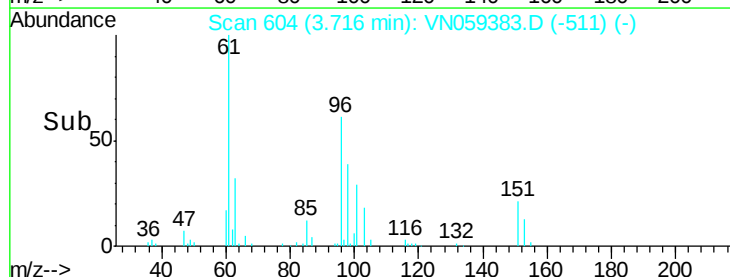
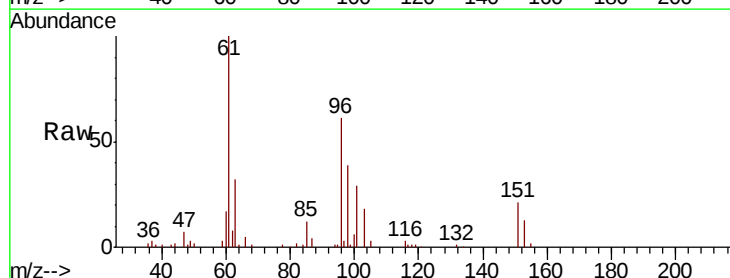
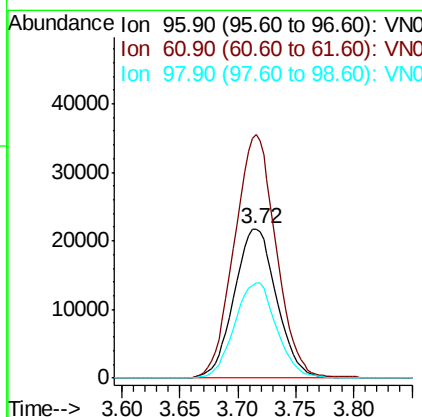
Manual Integrations
APPROVED

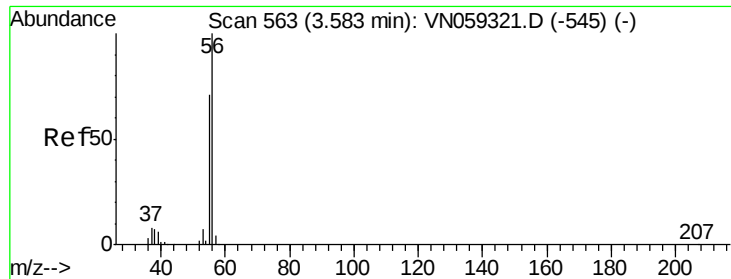
apatel
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#12
1,1-Dichloroethene
Concen: 24.473 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	96	61	98	Ratio	100	162.8	63.5	Resp	55200	Lower	136.8	51.6	Upper	205.2	77.4
Ion	96	61	98	Ratio	100	162.8	63.5	Resp	55200	Lower	136.8	51.6	Upper	205.2	77.4





#13

Acrolein

Concen: 55.959 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 56 Resp: 25645

Ion Ratio Lower Upper

56 100

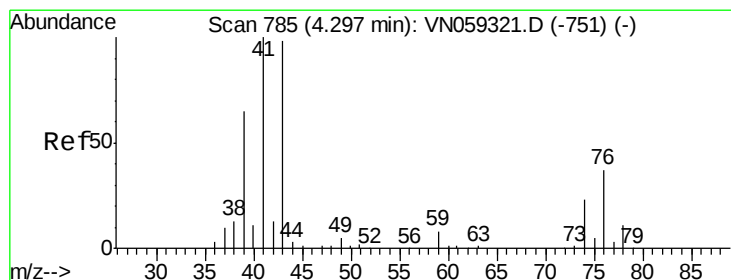
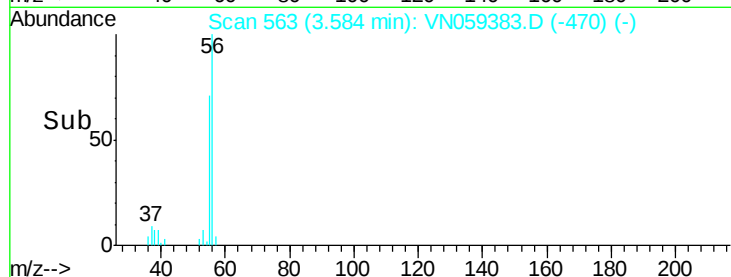
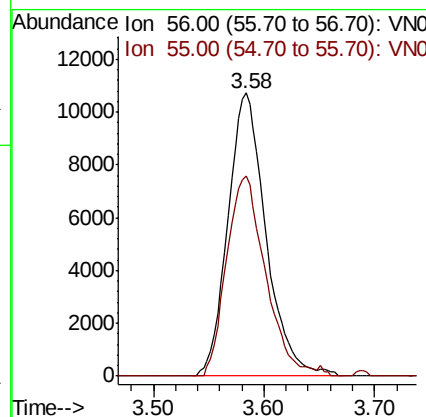
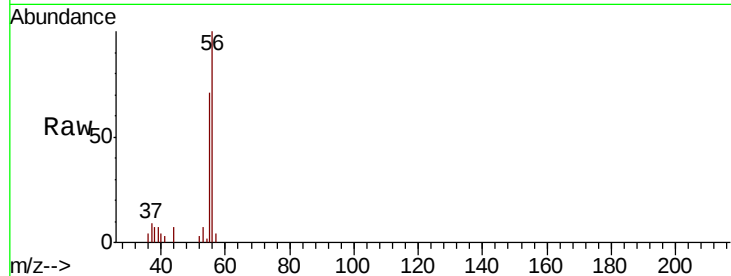
55 72.3 57.4 86.0

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 24.138 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

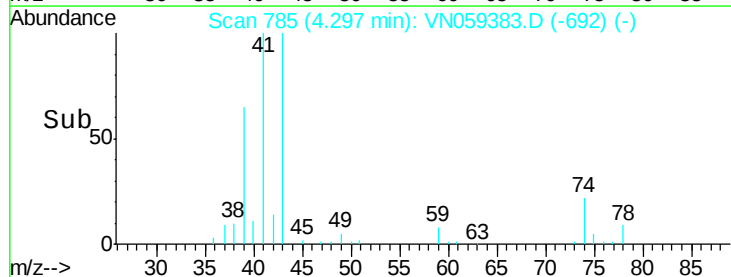
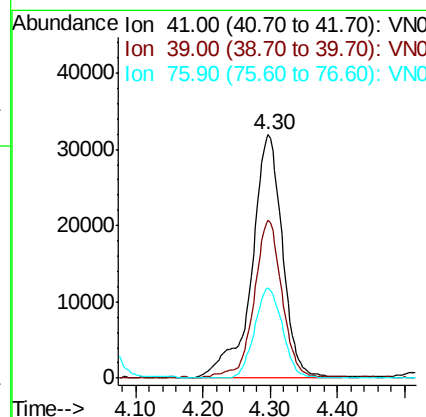
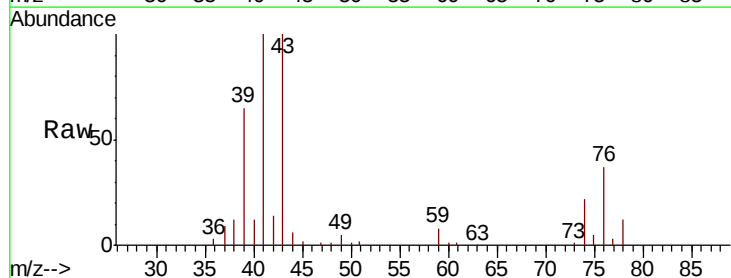
Tgt Ion: 41 Resp: 101710

Ion Ratio Lower Upper

41 100

39 59.1 48.4 72.6

76 33.3 26.2 39.4





#15

Acrylonitrile

Concen: 123.559 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

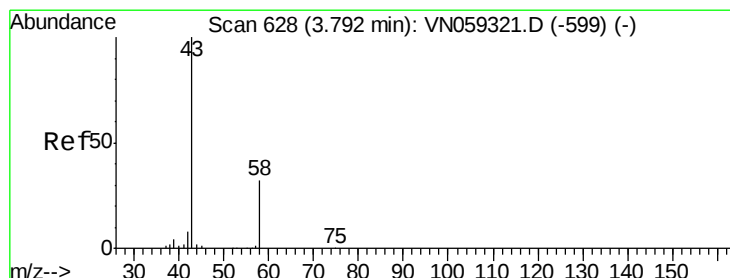
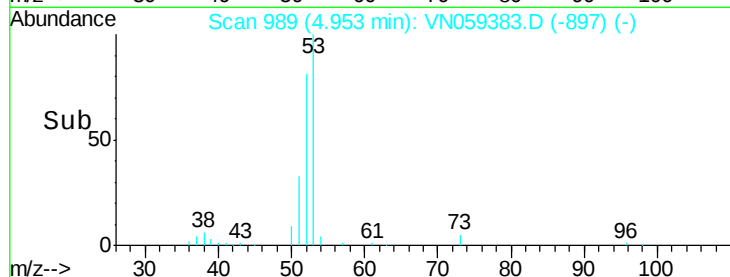
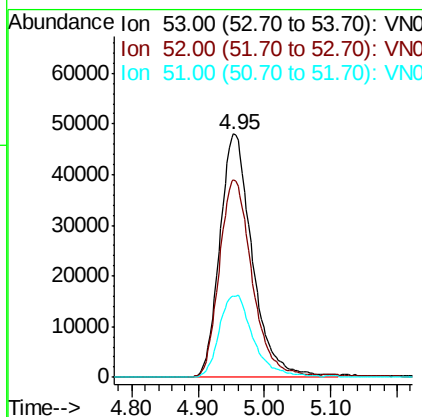
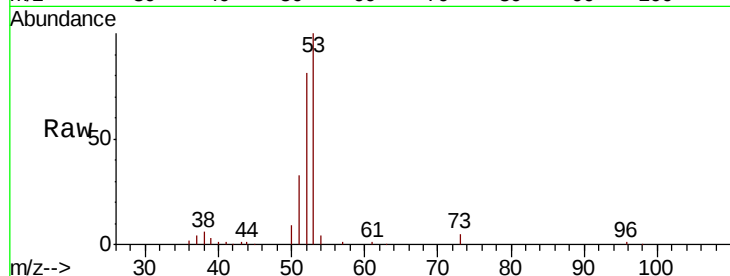
ClientSampleId :

VN1125WBSD01

Tot Ion:	53	Resp:	164010
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.8	98.8
51	35.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 145.638 ug/l

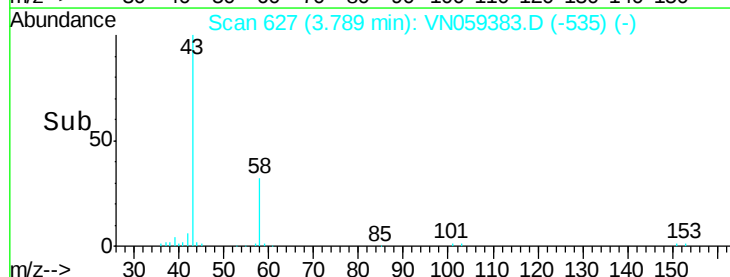
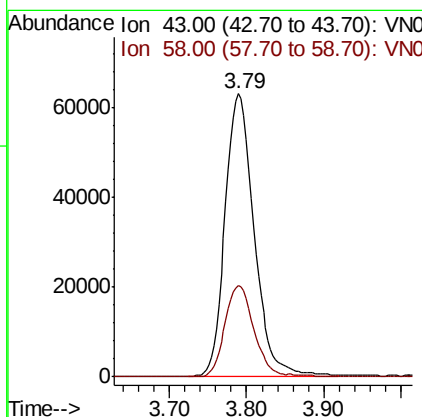
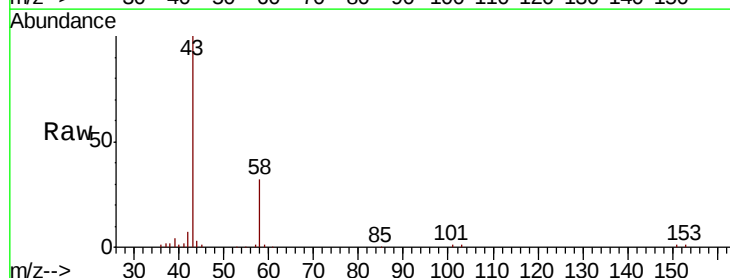
RT: 3.79 min Scan# 627

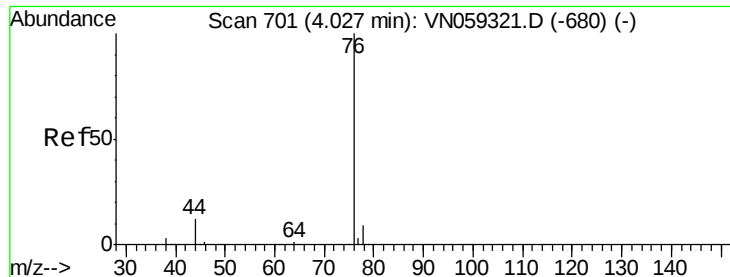
Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	43	Resp:	163742
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





#17

Carbon Disulfide

Concen: 23.587 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 76 Resp: 166208

Ion Ratio Lower Upper

76 100

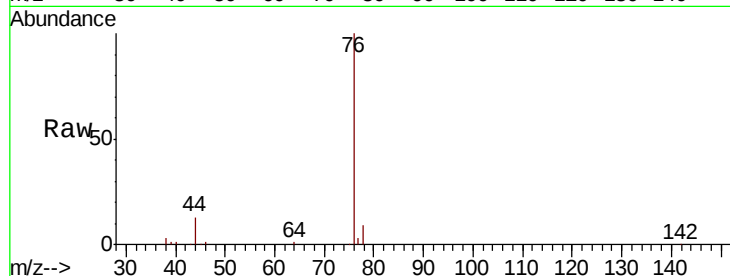
78 9.3 7.2 10.8

Manual Integrations

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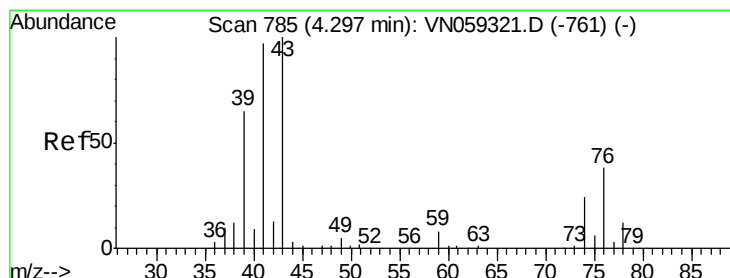
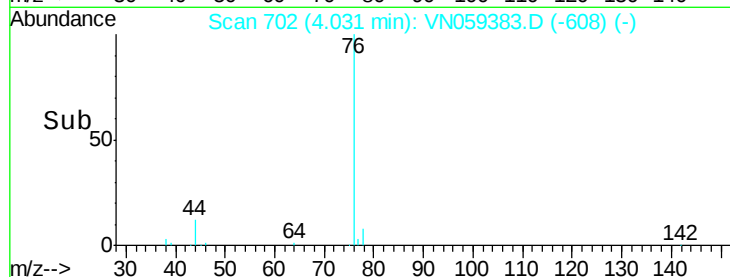
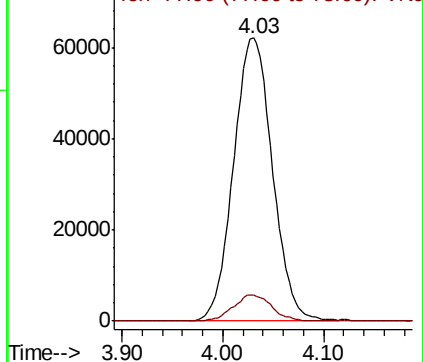
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 25.155 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059383.D

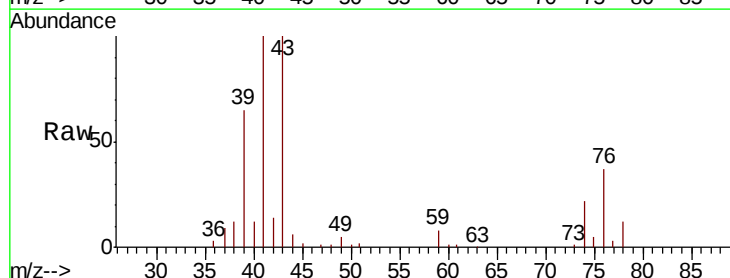
Acq: 25 Nov 2019 15:21

Tgt Ion: 43 Resp: 93860

Ion Ratio Lower Upper

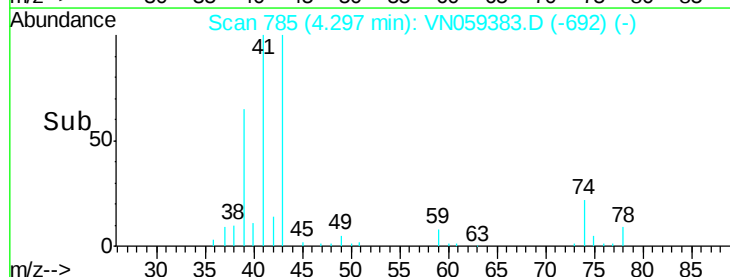
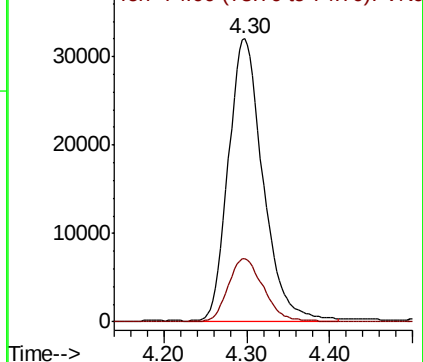
43 100

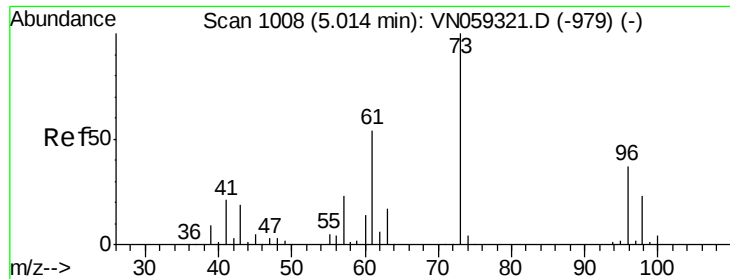
74 22.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





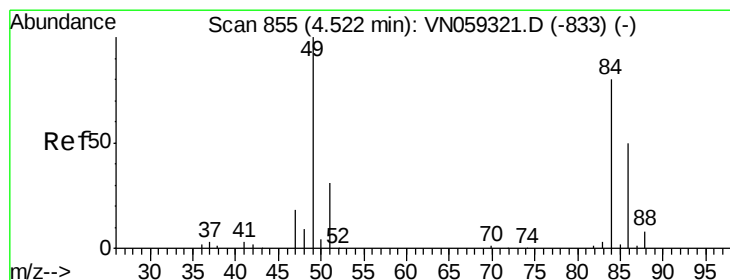
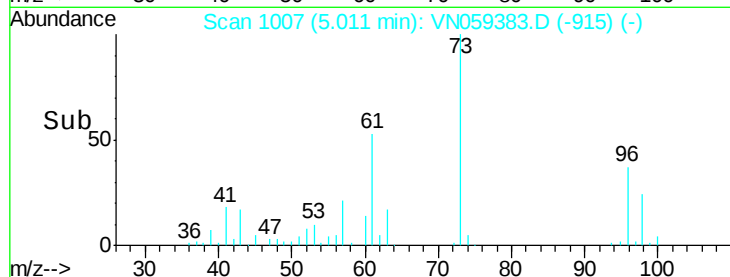
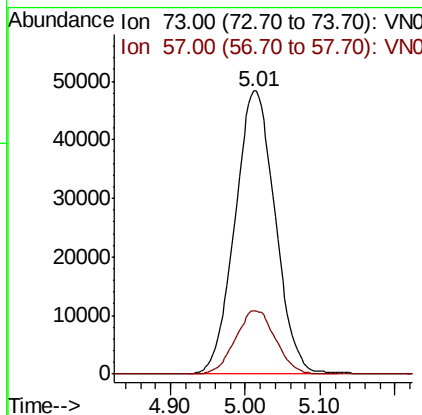
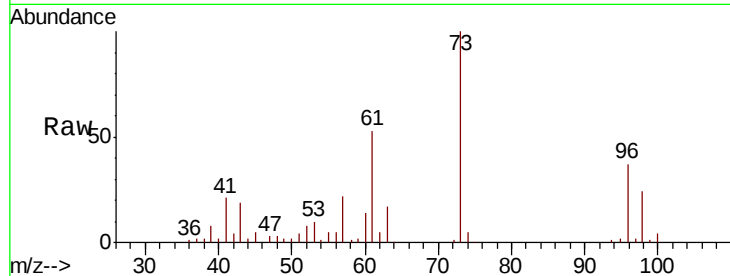
#19
Methvl tert-butvl Ether
Concen: 24.792 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 73 Resp: 180609
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6

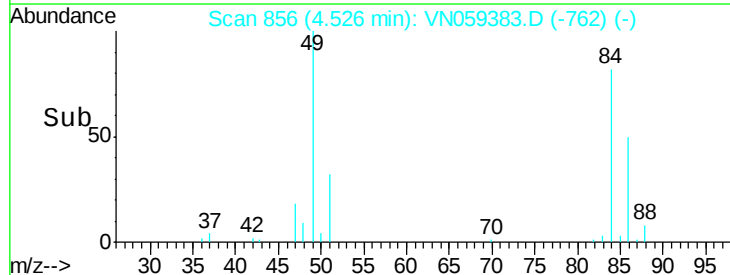
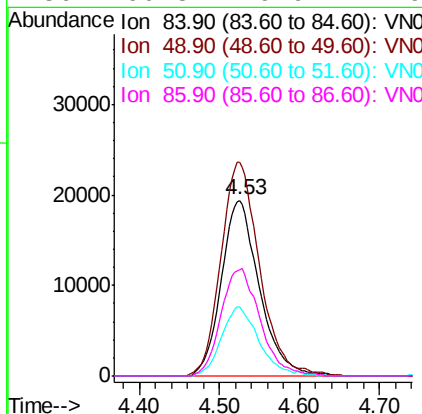
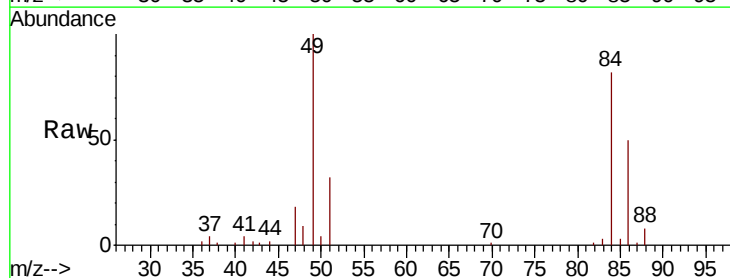
Manual Integrations
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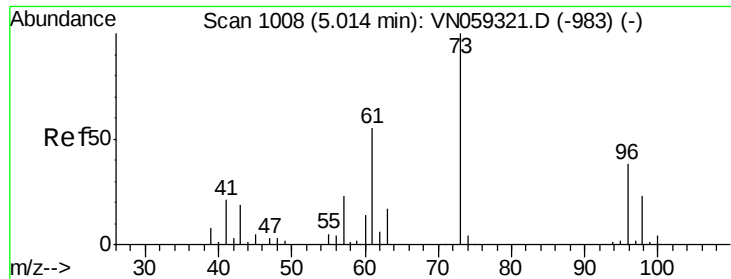
apatel
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#20
Methylene Chloride
Concen: 24.824 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion: 84 Resp: 62947
Ion Ratio Lower Upper
84 100
49 120.6 99.5 149.3
51 39.0 31.1 46.7
86 60.8 49.9 74.9





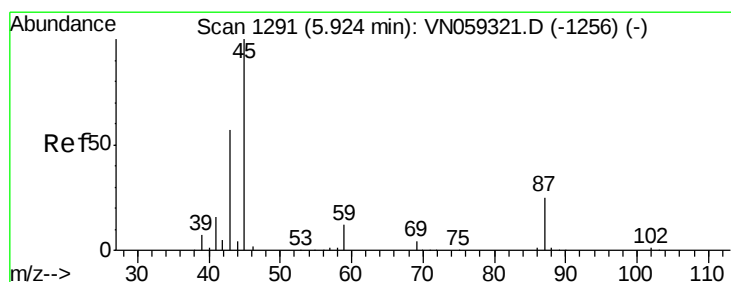
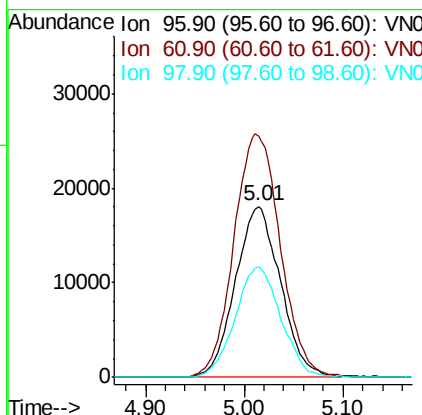
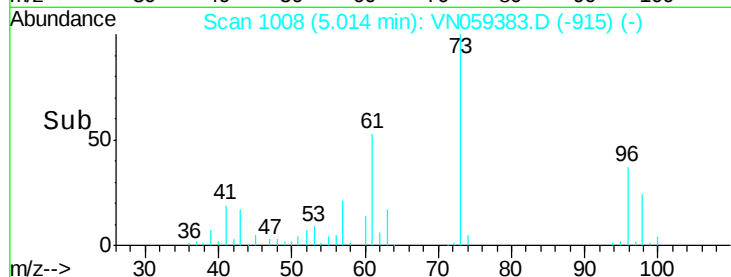
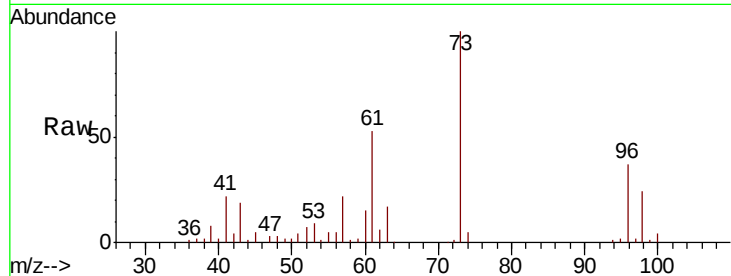
#21
trans-1,2-Dichloroethene
Concen: 23.955 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	116.4	174.6
98	64.6	49.6	74.4

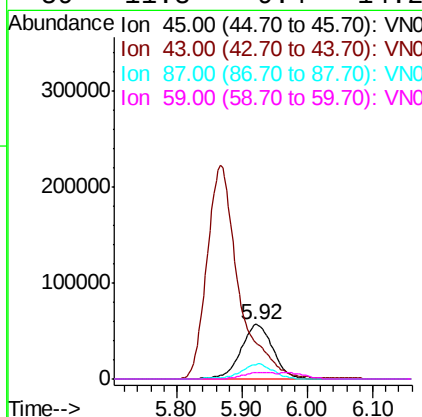
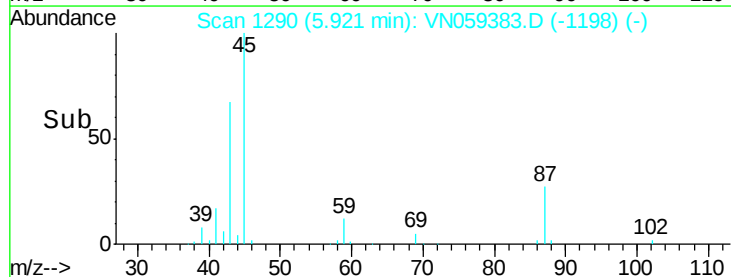
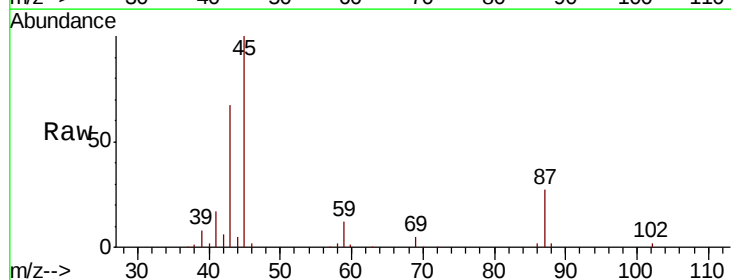
Manual Integrations
APPROVED

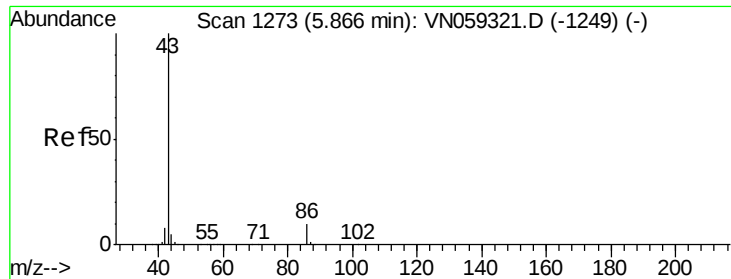
apatel
11/26/2019 12:32:15 PM



#22
Diisopropyl ether
Concen: 24.391 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.2	47.6	71.4
87	27.0	20.7	31.1
59	11.8	9.4	14.2





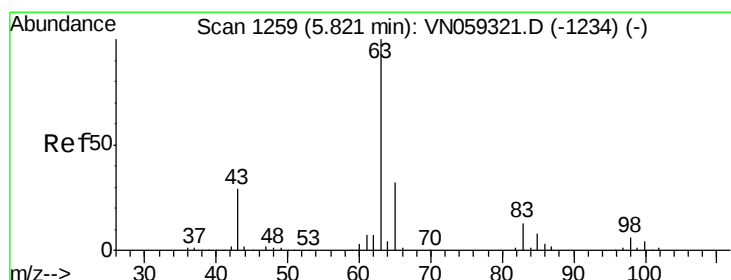
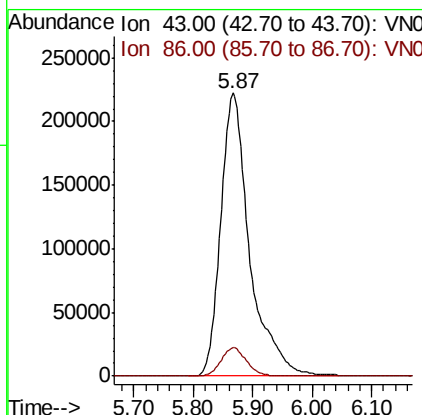
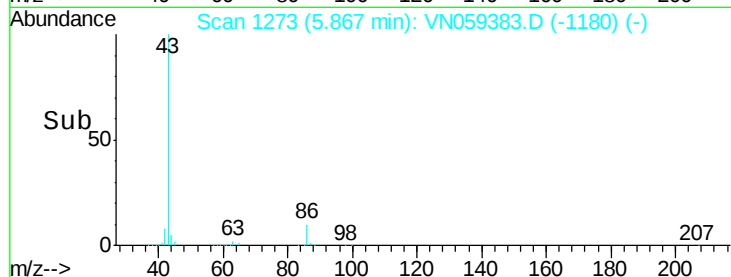
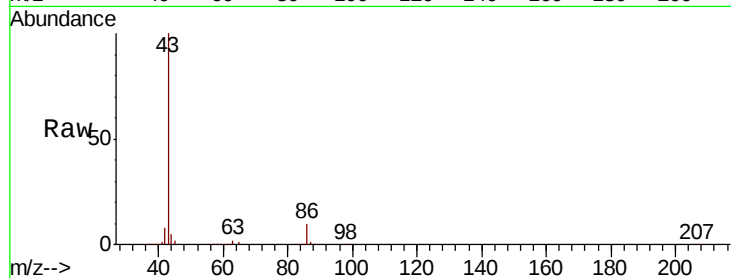
#23
 Vinyl Acetate
 Concen: 120.478 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.0	12.0

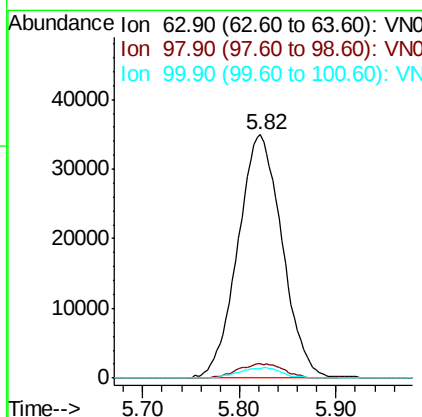
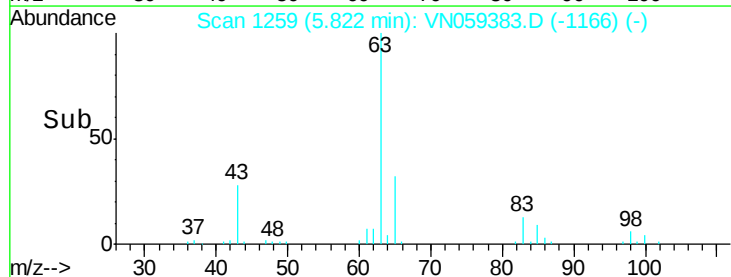
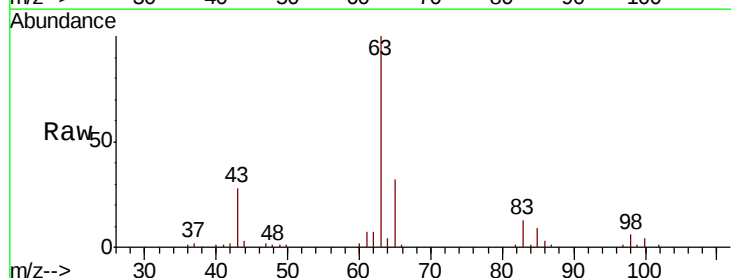
Manual Integrations
 APPROVED

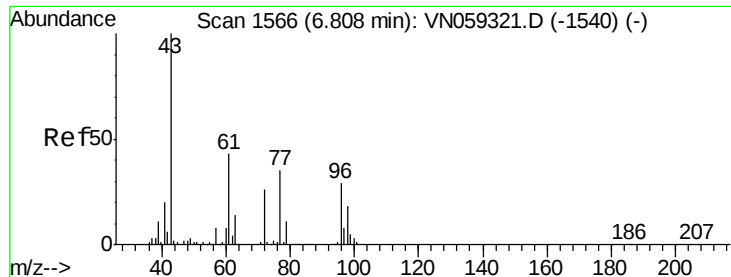
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#24
 1,1-Dichloroethane
 Concen: 24.816 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.8
100	4.1	1.9	5.7





#25

2-Butanone

Concen: 126.698 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 43 Resp: 221505

Ion Ratio Lower Upper

43 100

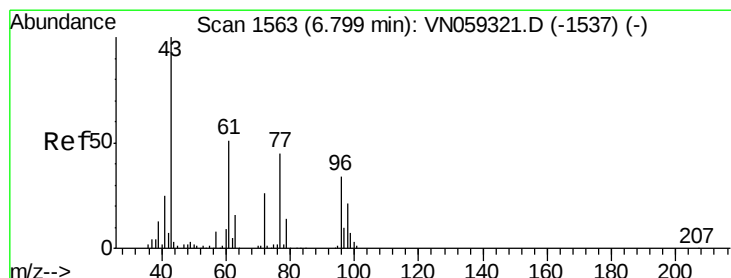
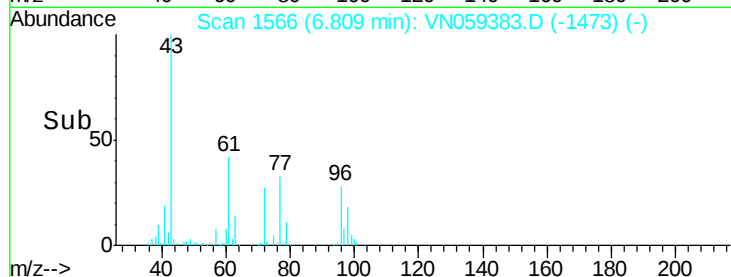
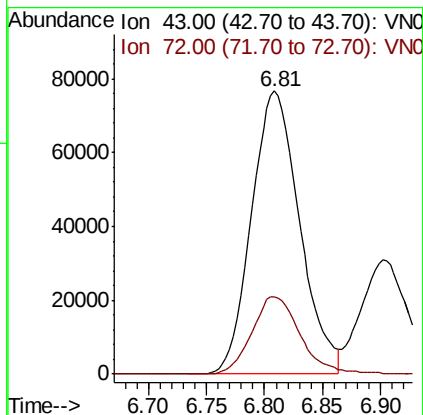
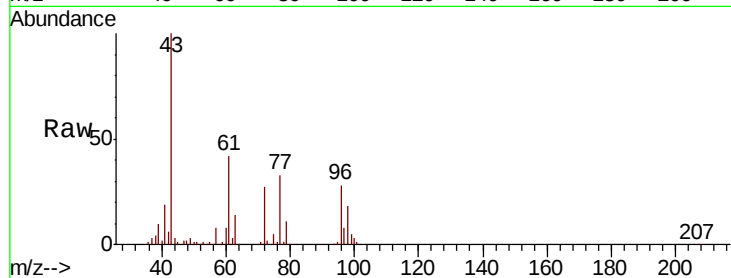
72 27.4 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.941 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059383.D

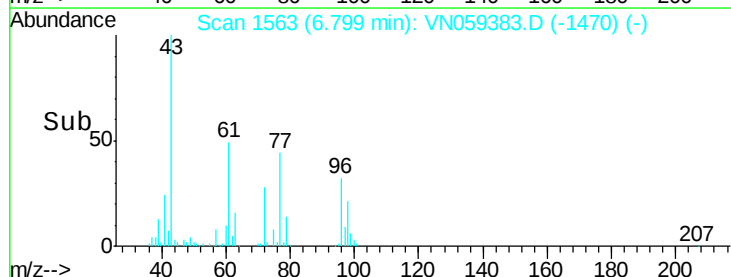
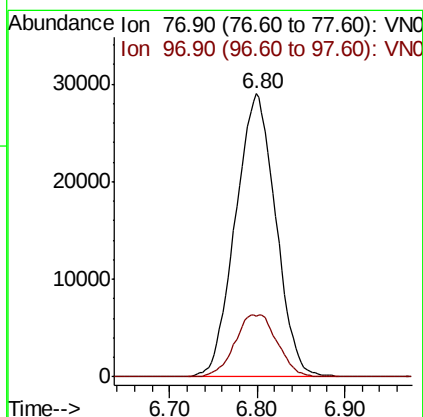
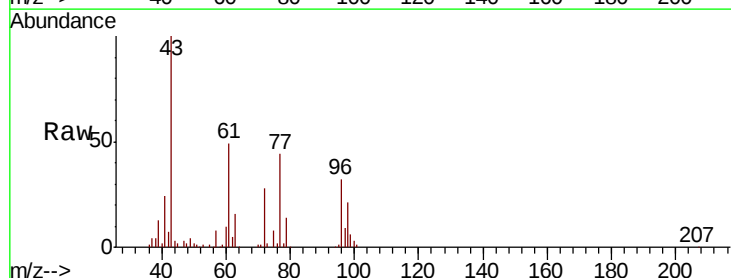
Acq: 25 Nov 2019 15:21

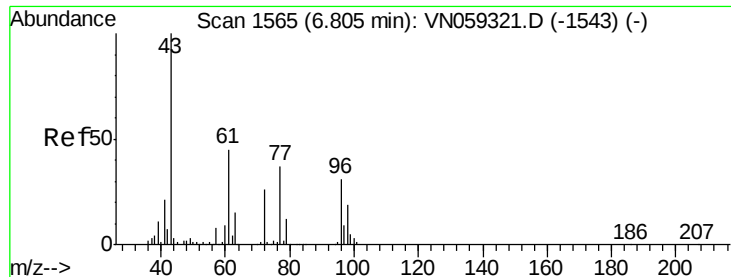
Tgt Ion: 77 Resp: 92573

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 24.074 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

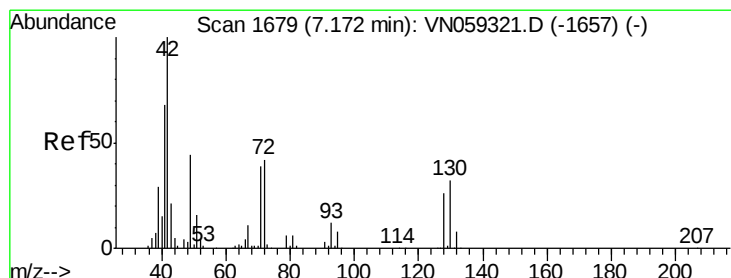
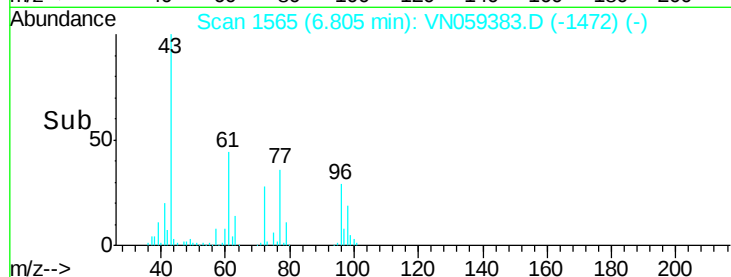
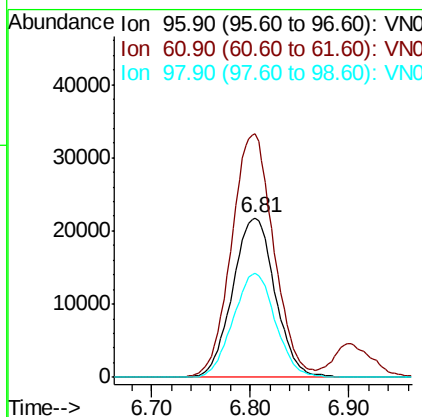
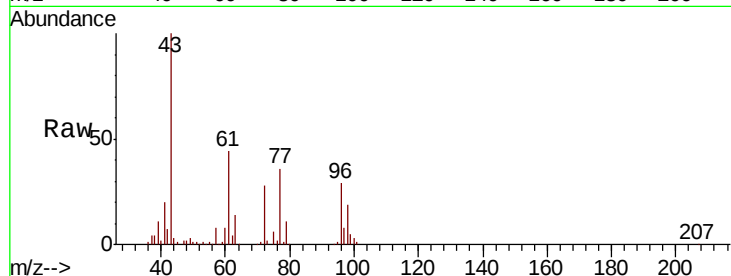
ClientSampleId :

VN1125WBSD01

Tot Ion:	96	Resp:	64928
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	304.0
98	64.9	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 3.339 ug/l

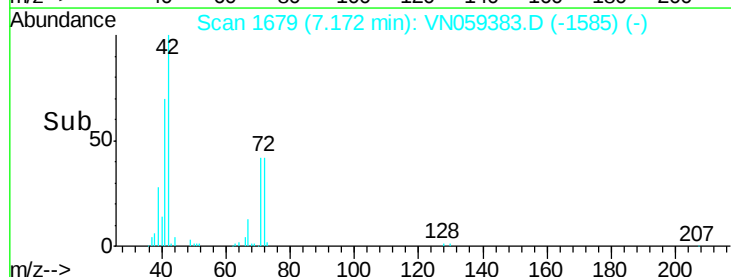
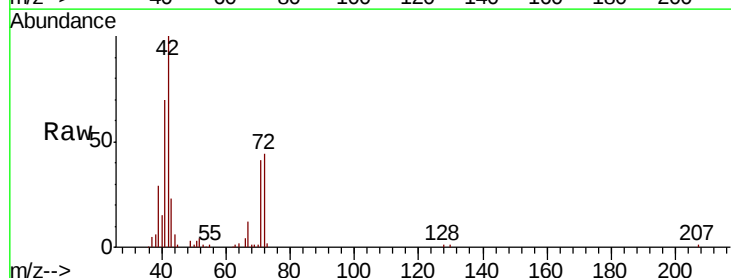
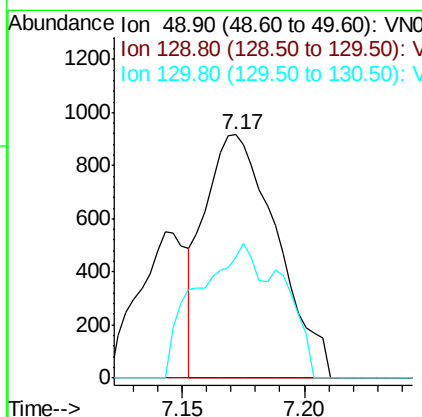
RT: 7.17 min Scan# 1679

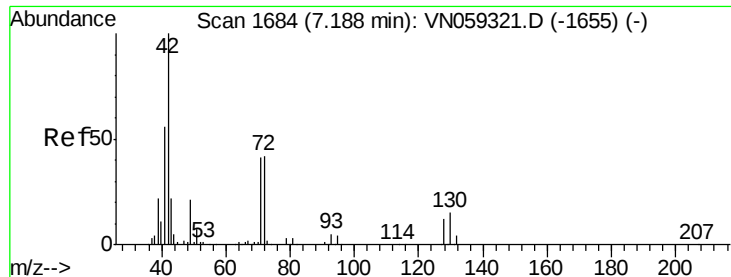
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	49	Resp:	1886
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	49.4	57.0	85.6#





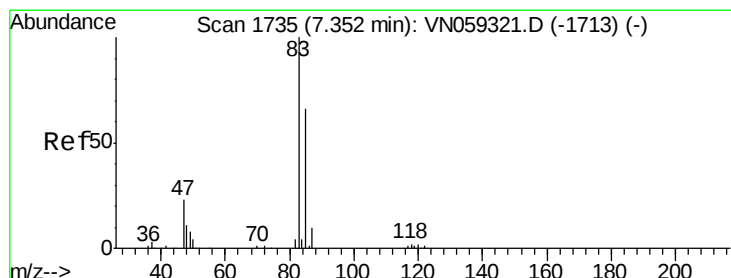
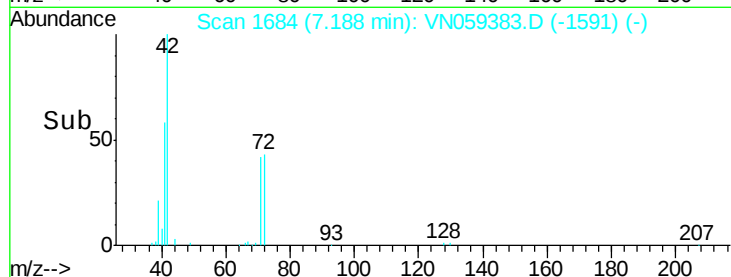
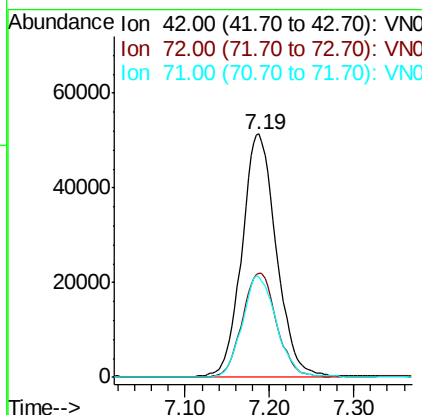
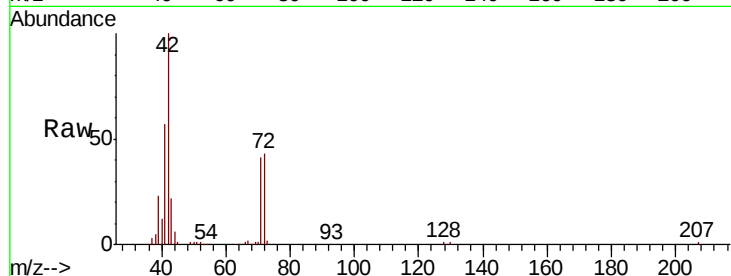
#29
Tetrahydrofuran
Concen: 121.036 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.2	51.2
71	41.3	32.6	48.8

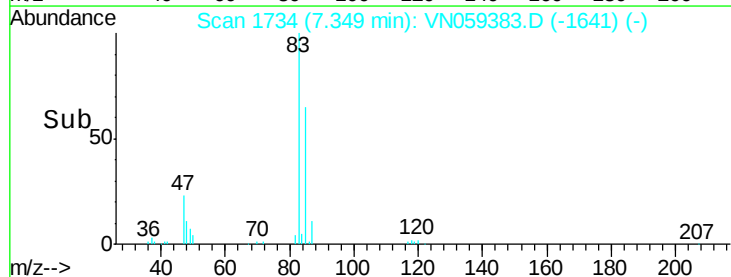
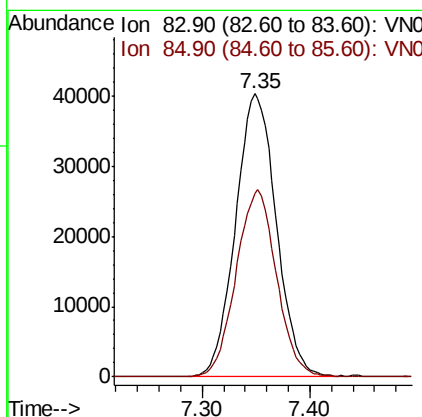
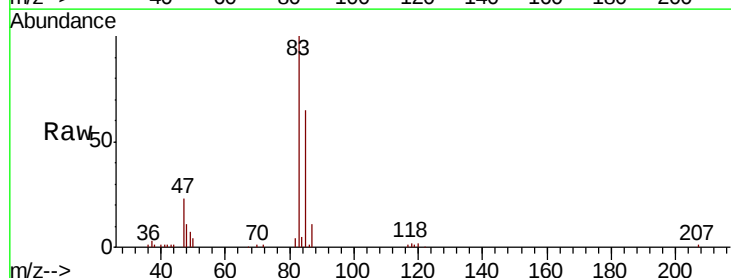
Manual Integrations
APPROVED

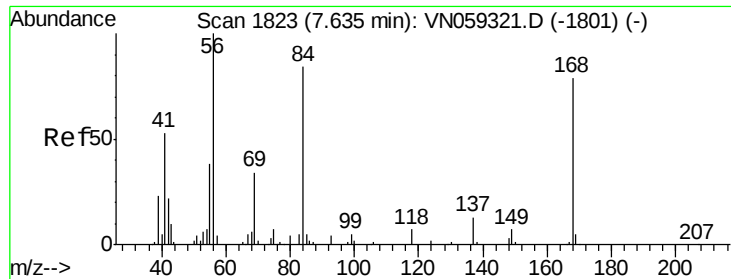
apatel
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#30
Chloroform
Concen: 24.413 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.7	79.1





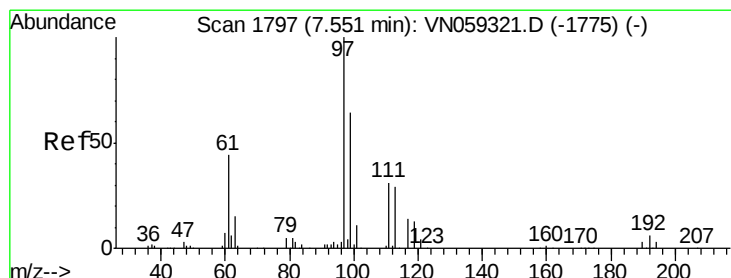
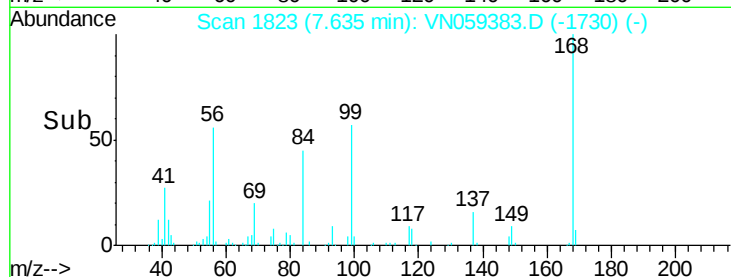
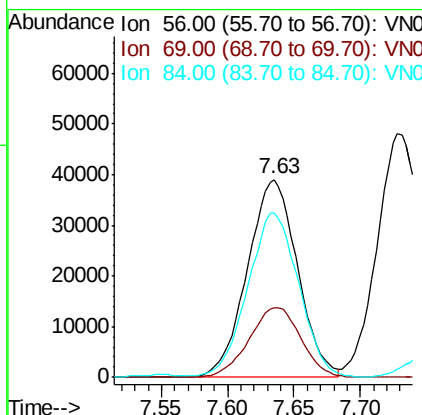
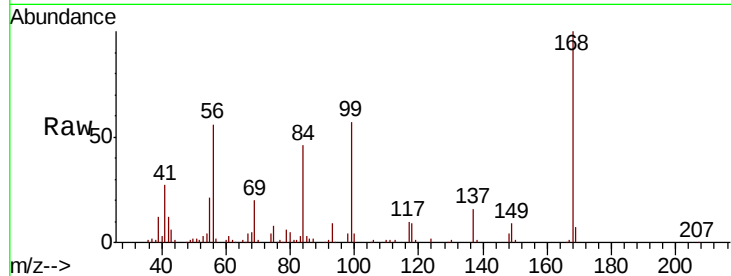
#31
Cyclohexane
Concen: 23.249 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	26.6	40.0
84	82.2	67.0	100.4

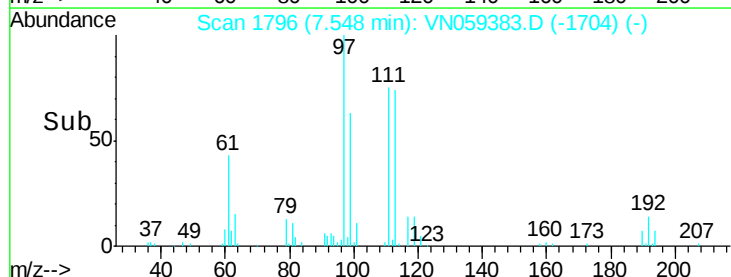
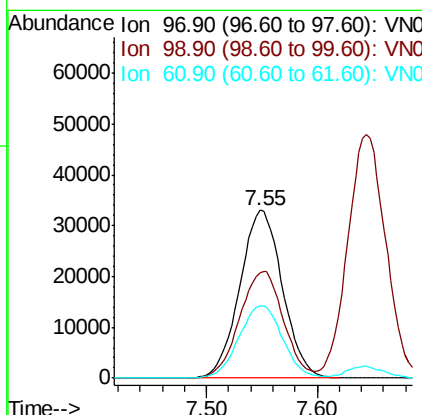
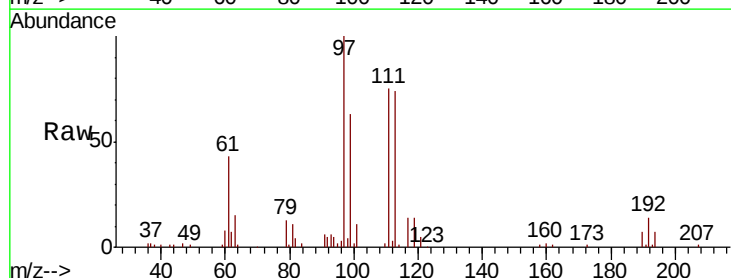
Manual Integrations
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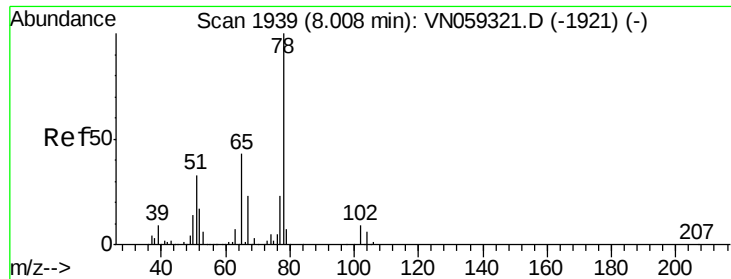
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#32
1,1,1-Trichloroethane
Concen: 23.772 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	44.2	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 68.927 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 65 Resp: 172834

Ion Ratio Lower Upper

65 100

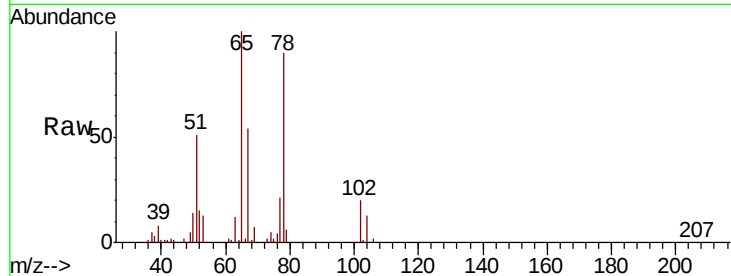
67 54.7 0.0 109.4

Manual Integrations

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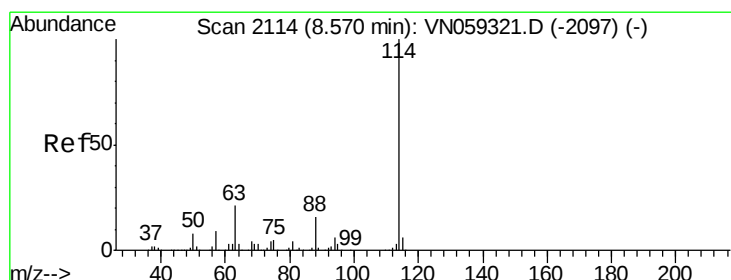
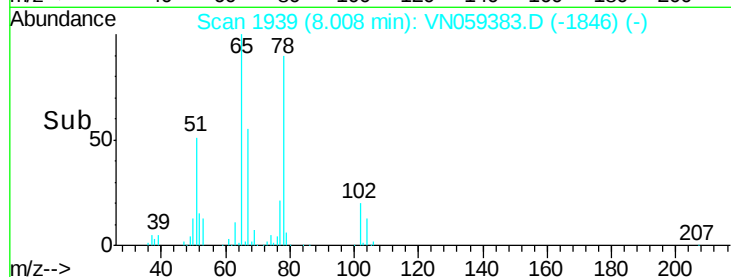
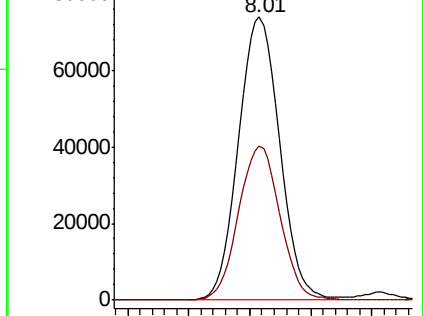
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

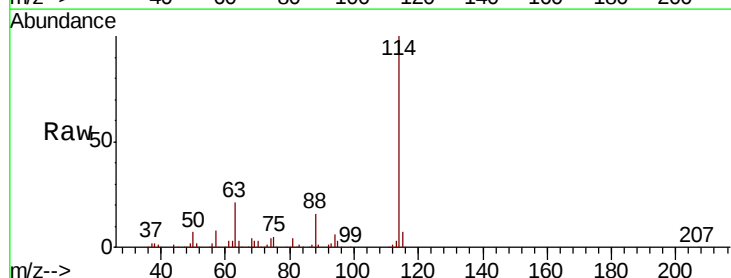
Tgt Ion: 114 Resp: 329768

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

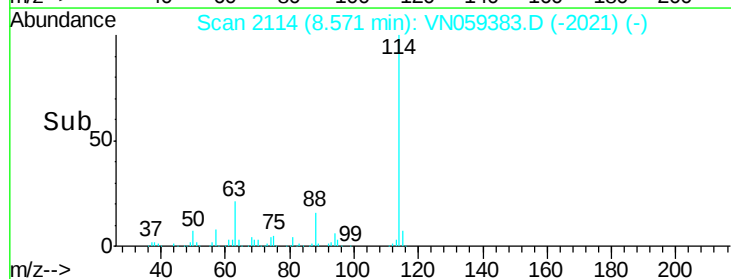
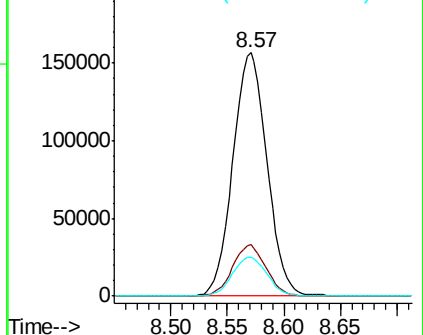
88 16.2 0.0 32.2

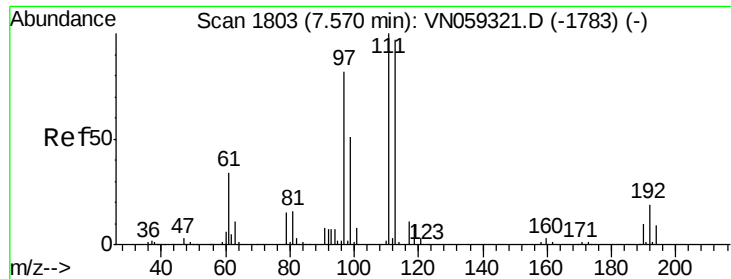


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





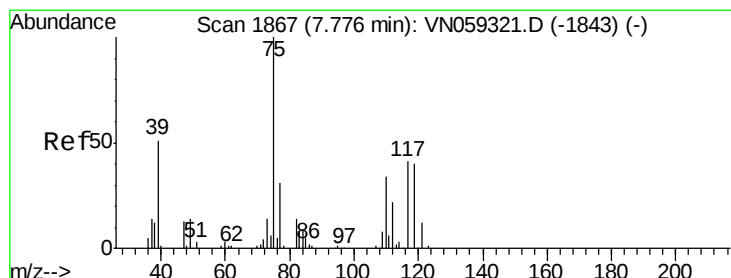
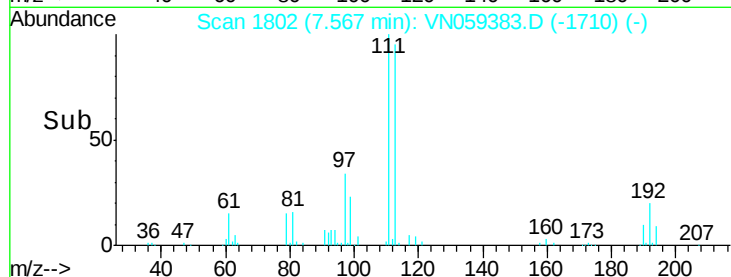
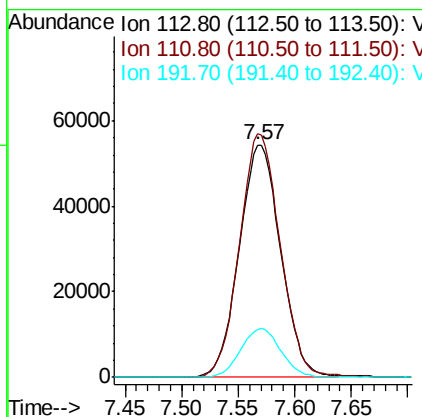
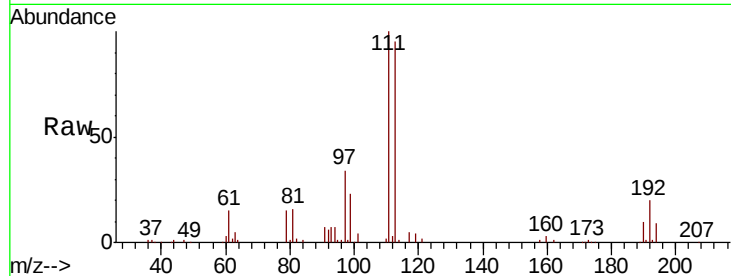
#35
Dibromofluoromethane
Concen: 70.044 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	82.7	124.1	
192	20.4	16.3	24.5	

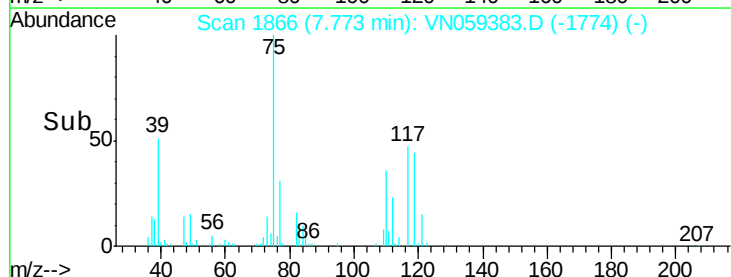
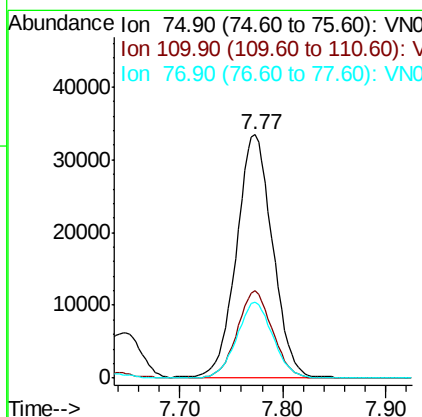
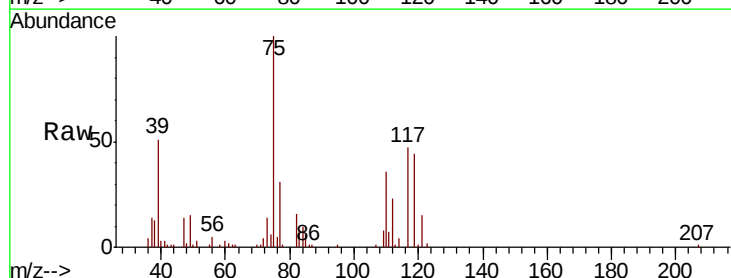
Manual Integrations
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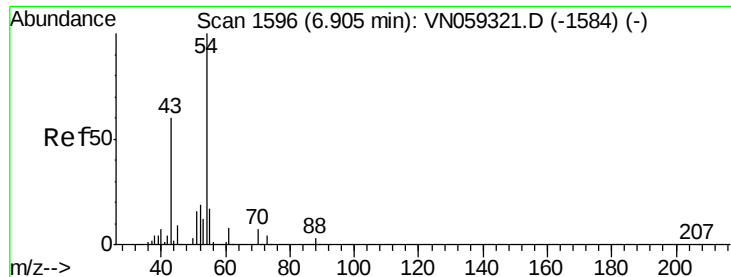
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#36
1,1-Dichloropropene
Concen: 24.003 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.7	17.0	51.0	
77	31.0	24.8	37.2	





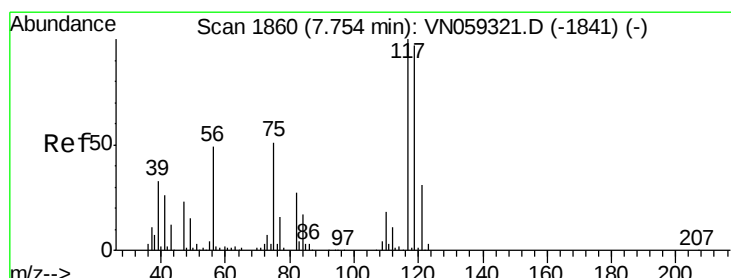
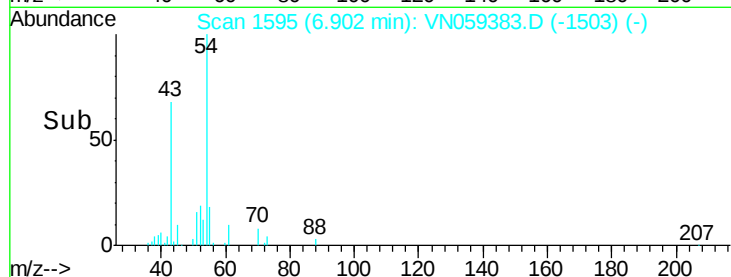
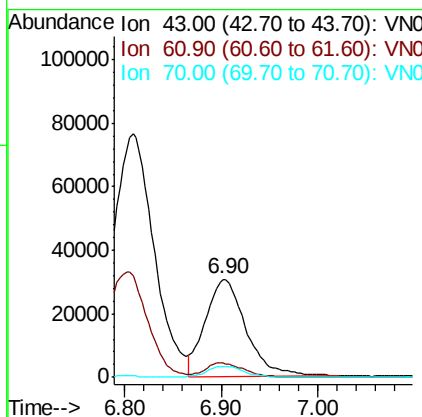
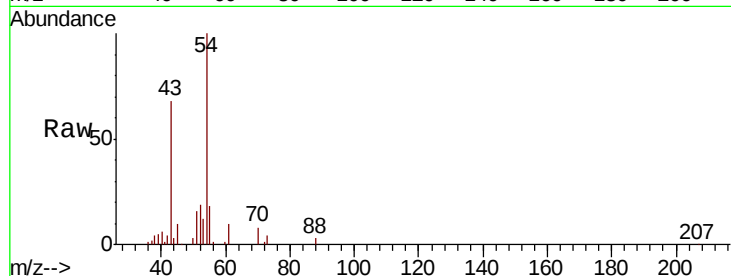
#37
Ethyl Acetate
Concen: 24.294 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	43	61	70
Resp	88886		
Ratio	100	14.4	10.5
Lower		11.0	8.8
Upper		16.6	13.2

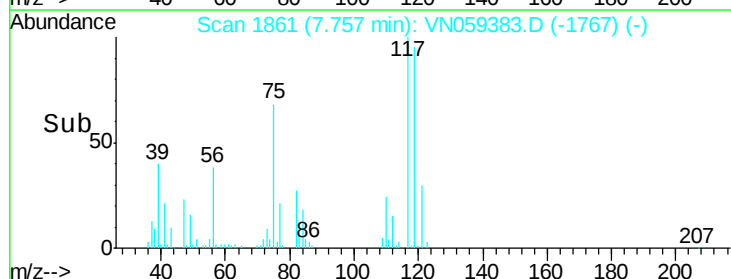
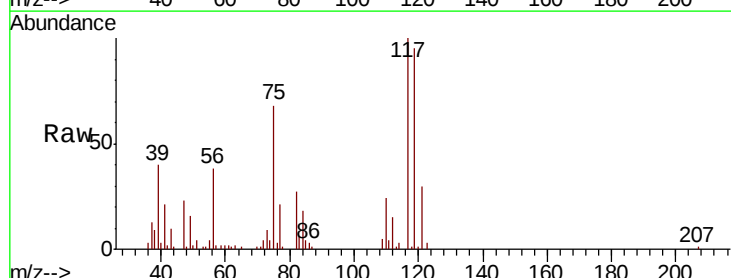
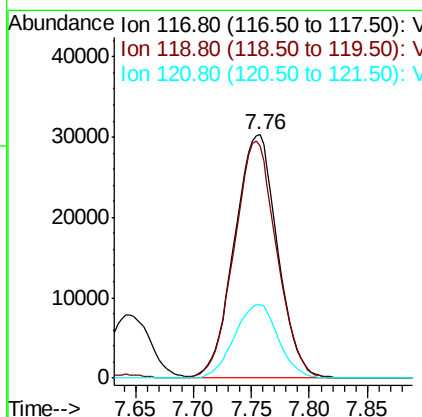
Manual Integrations
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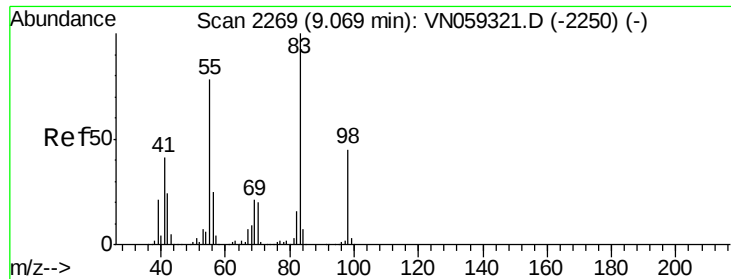
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#38
Carbon Tetrachloride
Concen: 24.058 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	117	119	121
Resp	78407		
Ratio	100	95.1	30.3
Lower		77.0	24.4
Upper		115.4	36.6





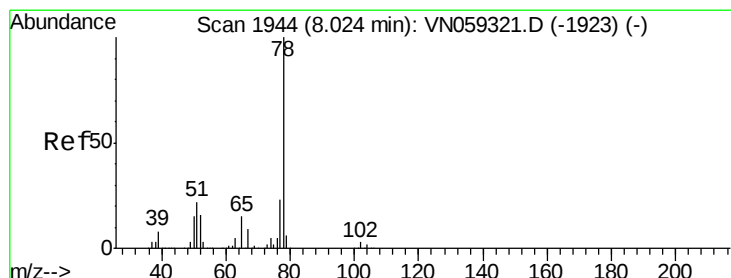
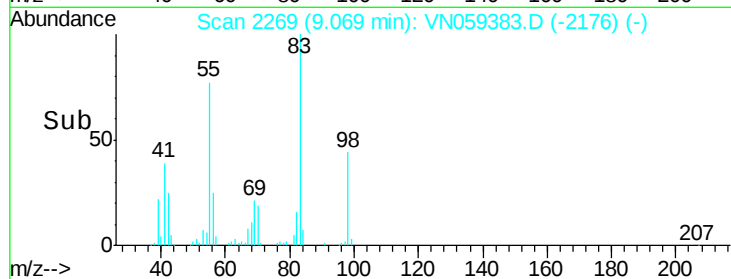
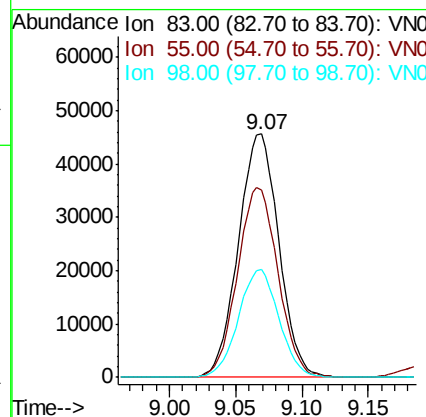
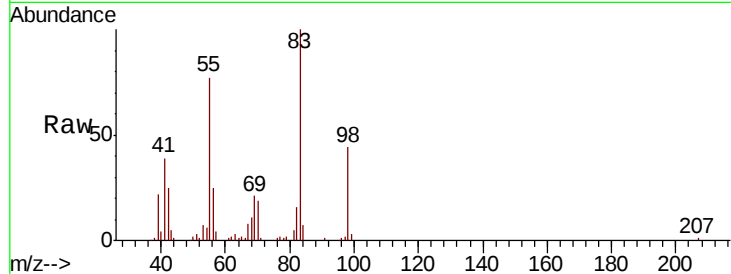
#39
Methvlcvclohexane
Concen: 23.558 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	83.00	Resp	96708
Ion Ratio	Lower	Upper	
83	100		
55	77.1	62.3	93.5
98	44.1	36.0	54.0

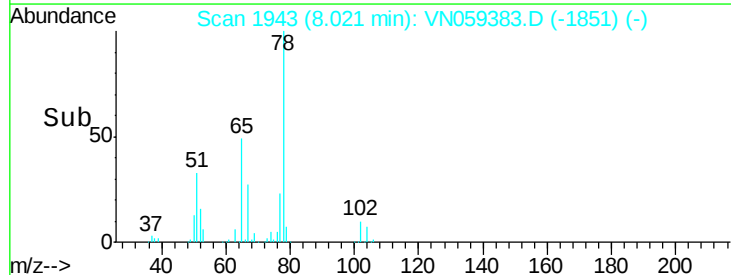
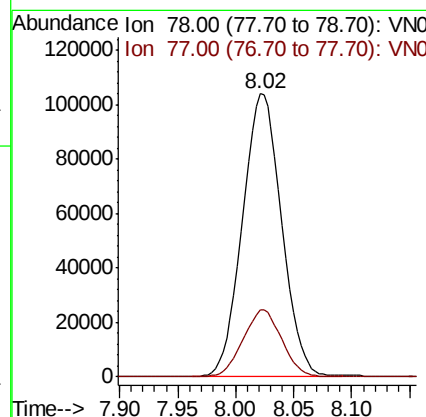
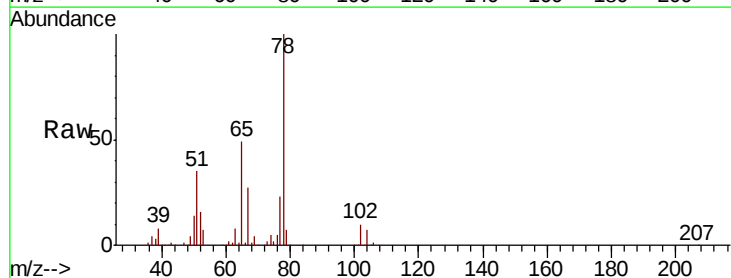
Manual Integrations
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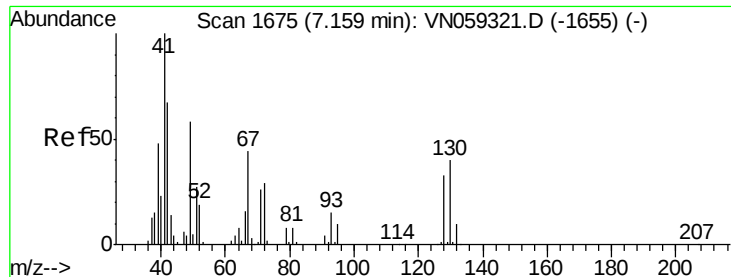
apatel
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#40
Benzene
Concen: 24.525 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	78.00	Resp	245045
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.4	27.6





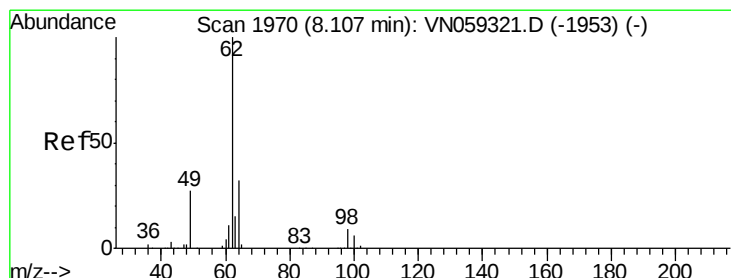
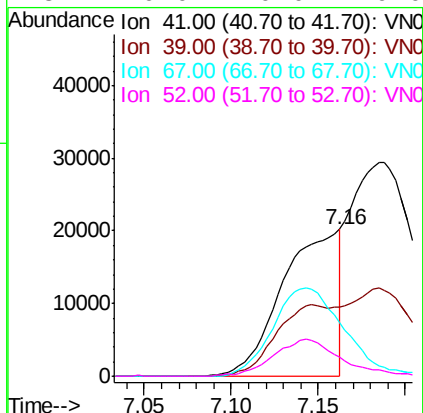
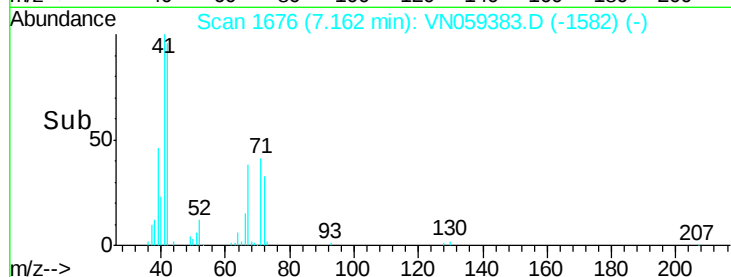
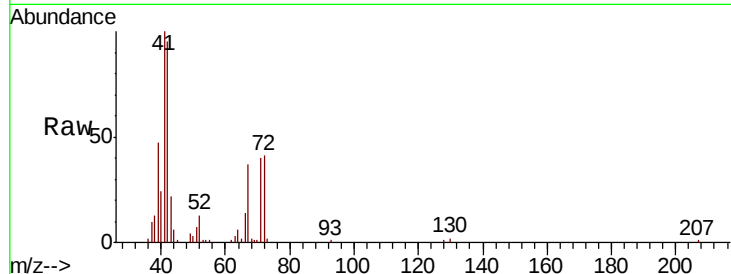
#41
Methacrylonitrile
Concen: 28.344 ug/l m
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		46036		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

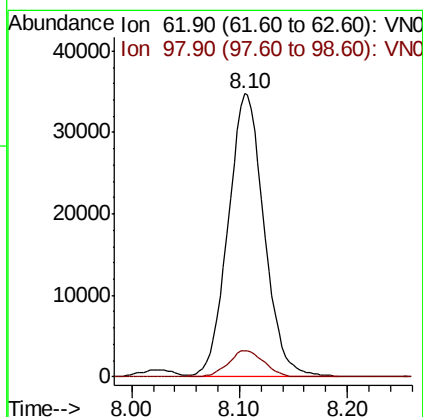
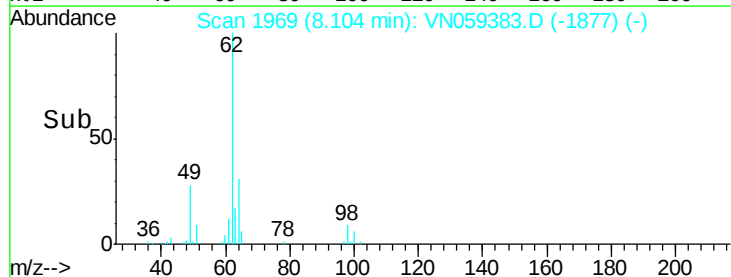
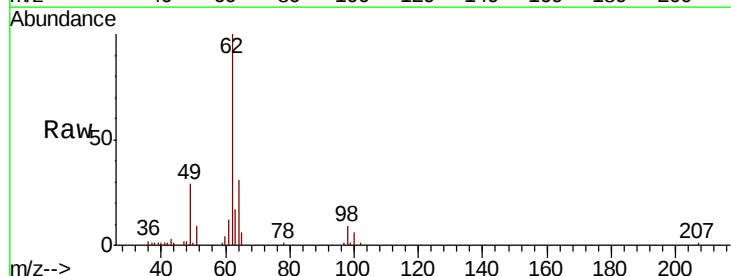
Manual Integrations
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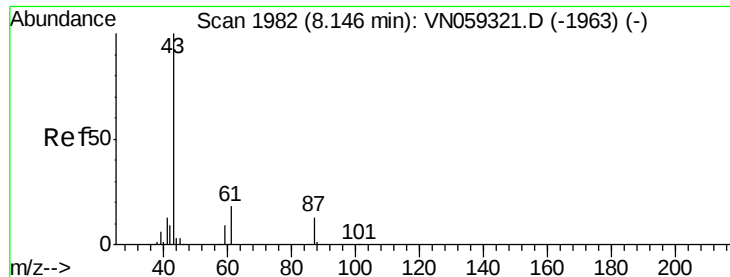
apatel
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#42
1,2-Dichloroethane
Concen: 24.471 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		80867		
98	9.1	0.0	18.6		





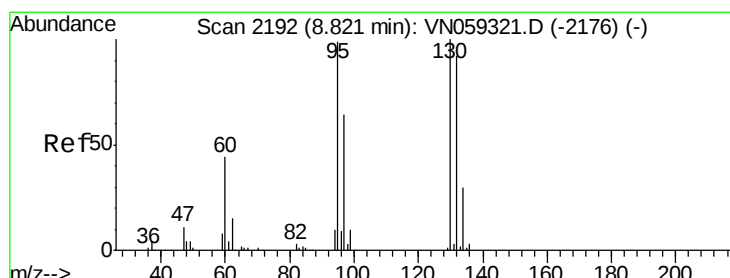
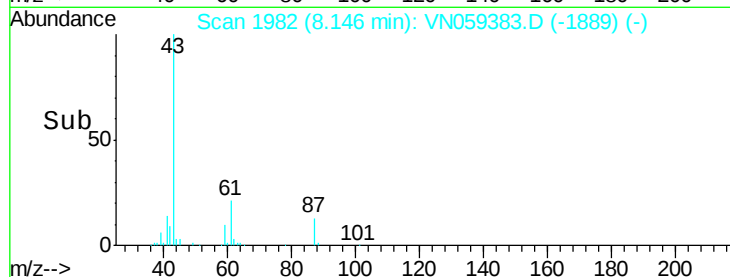
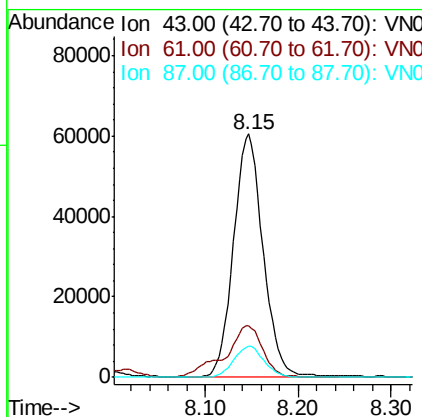
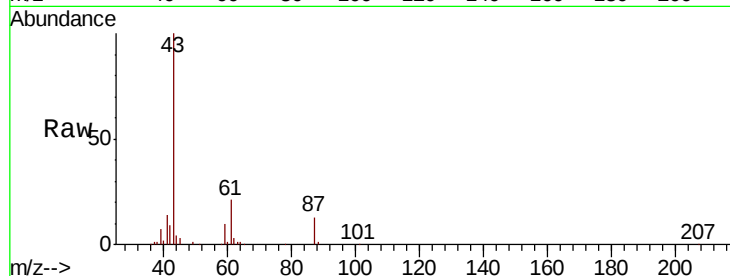
#43
Isopropyl Acetate
Concen: 24.014 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.7	32.5
87	13.1	10.2	15.4

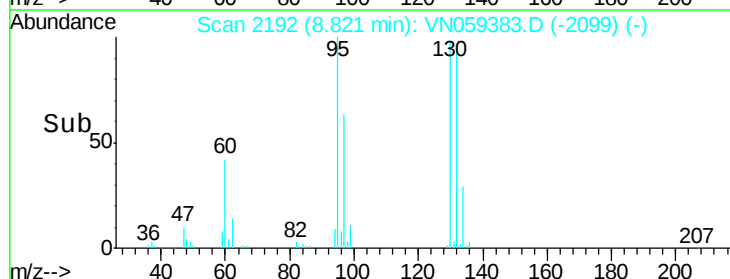
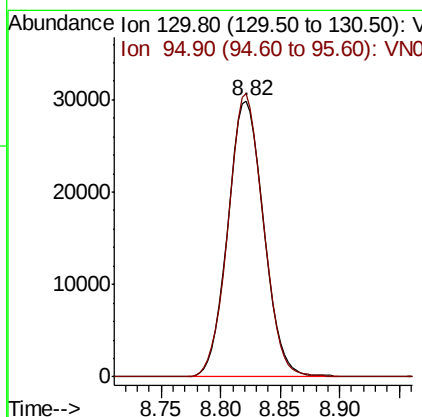
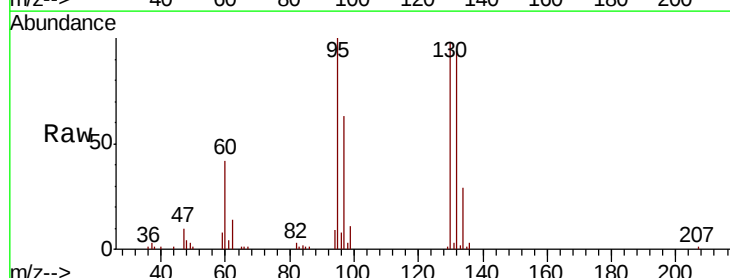
Manual Integrations
APPROVED

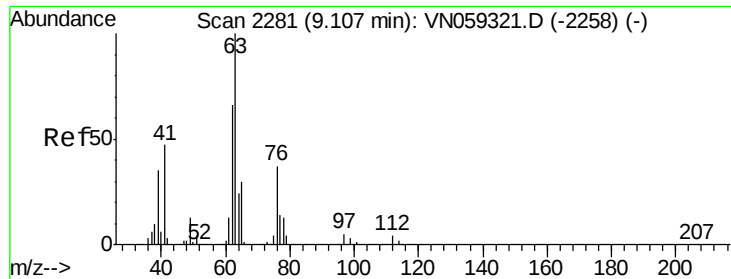
apatel
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#44
Trichloroethene
Concen: 24.746 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	198.4





#45

1,2-Dichloropropane

Concen: 24.404 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 63 Resp: 65021

Ion Ratio Lower Upper

63 100

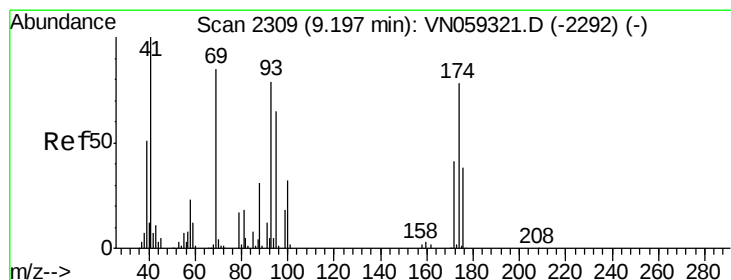
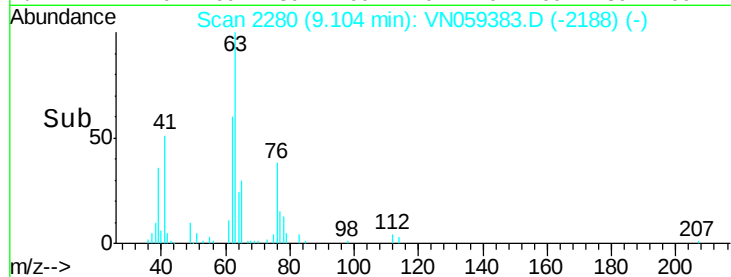
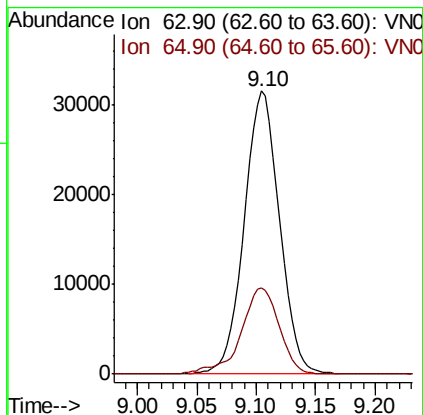
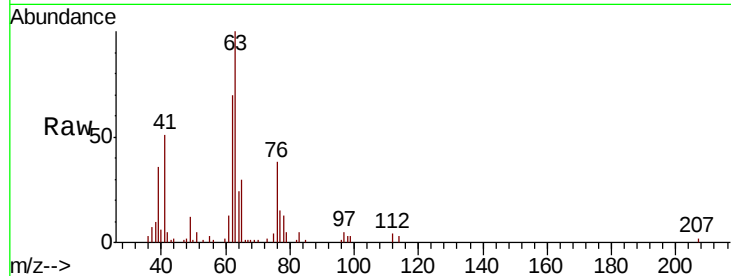
65 30.3 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 24.725 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

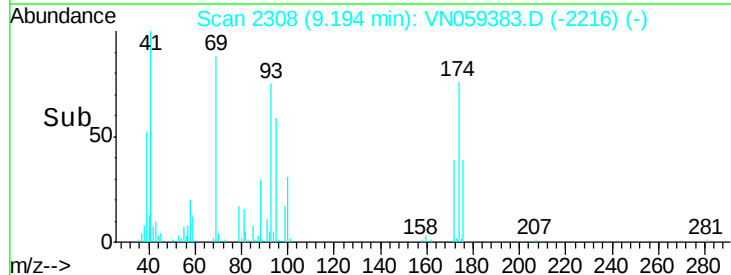
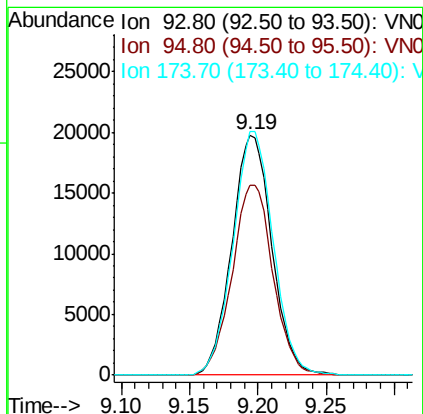
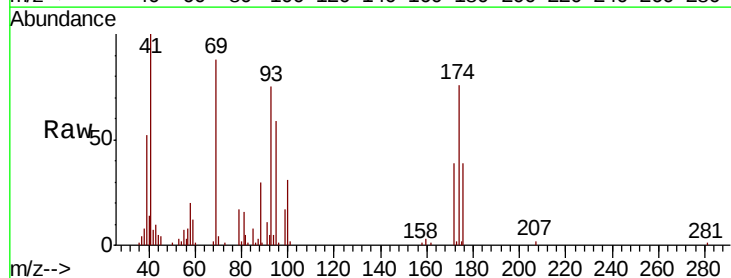
Tgt Ion: 93 Resp: 40407

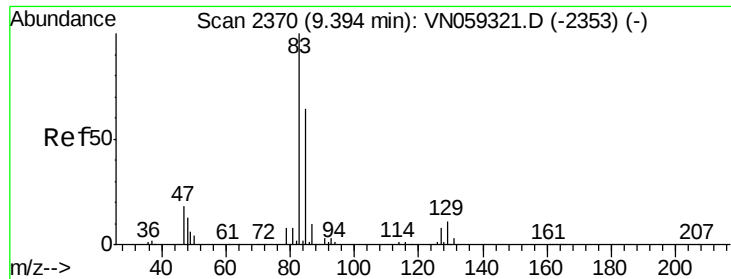
Ion Ratio Lower Upper

93 100

95 80.9 66.9 100.3

174 101.5 80.6 120.8





#47

Bromodichloromethane

Concen: 24.571 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

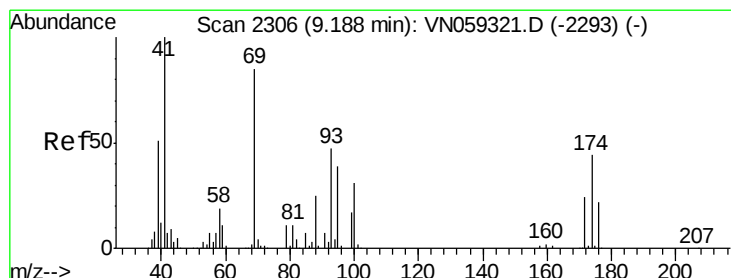
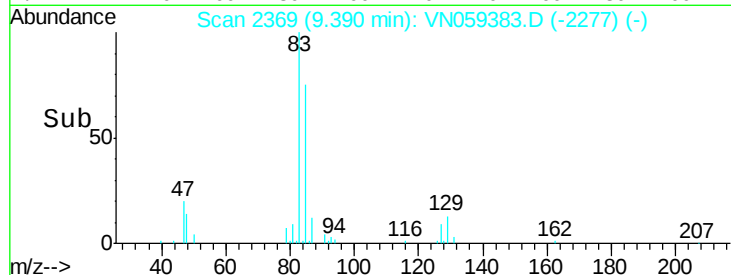
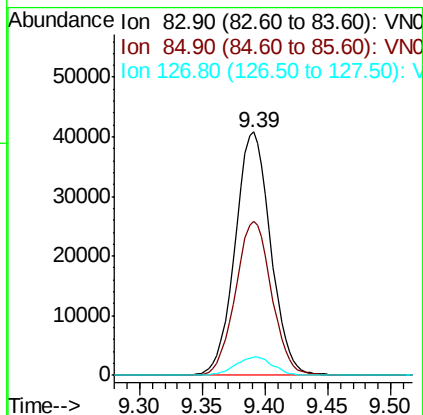
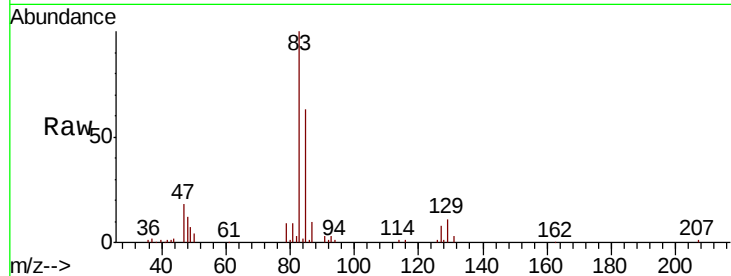
ClientSampleId :

VN1125WBSD01

Tot Ion:	83	Resp:	80420
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.5	77.3
127	7.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.793 ug/l

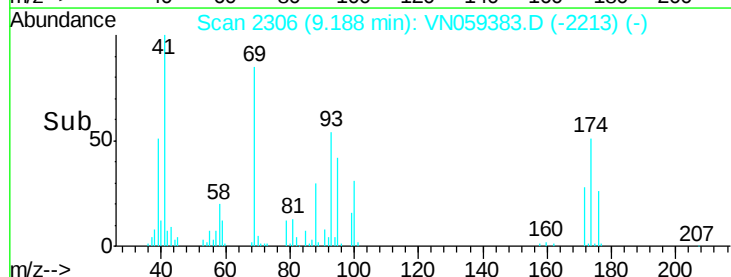
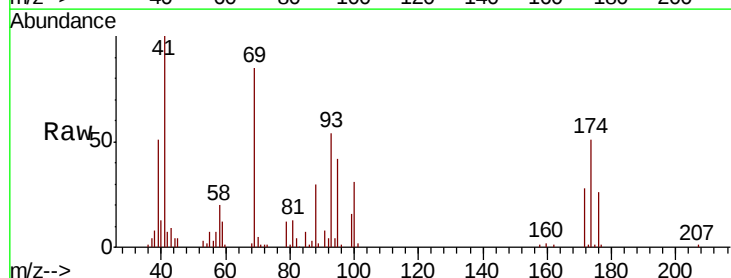
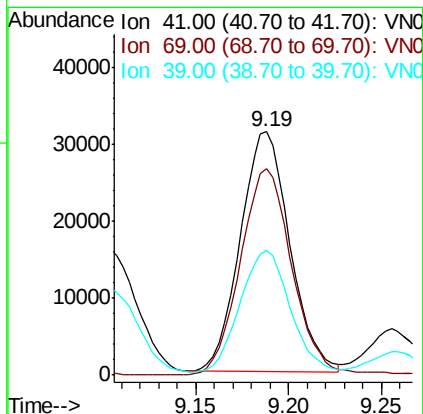
RT: 9.19 min Scan# 2306

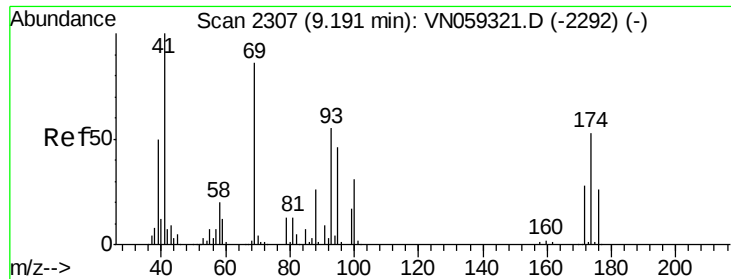
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	41	Resp:	57956
Ion	Ratio	Lower	Upper
41	100		
69	90.6	68.8	103.2
39	53.5	42.1	63.1





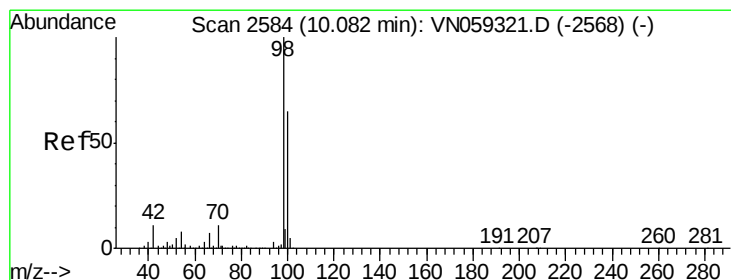
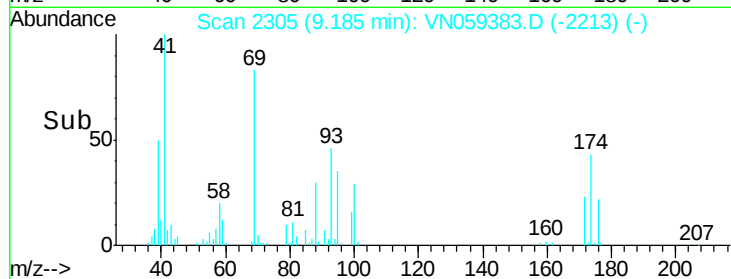
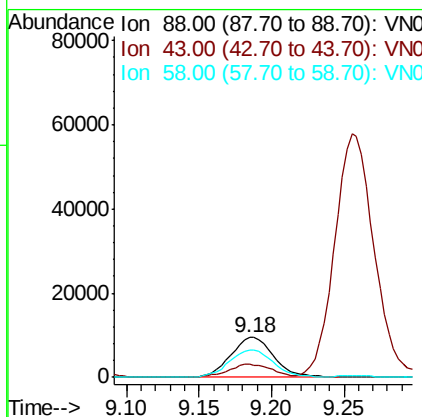
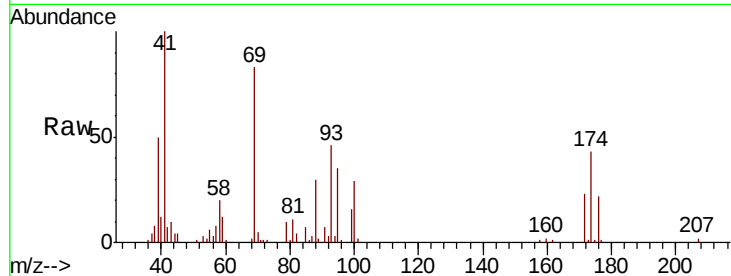
#49
1,4-Dioxane
Concen: 512.302 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.9	40.3
58	71.0	59.2	88.8

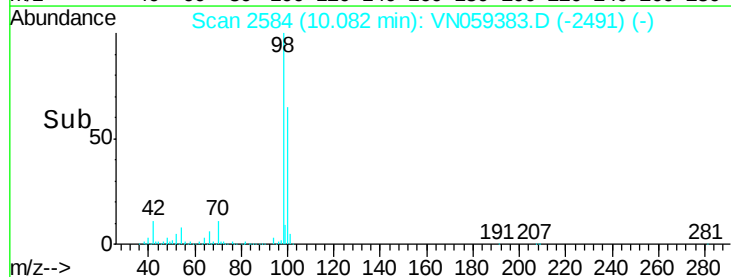
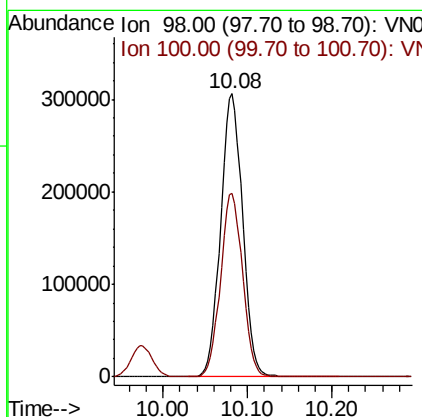
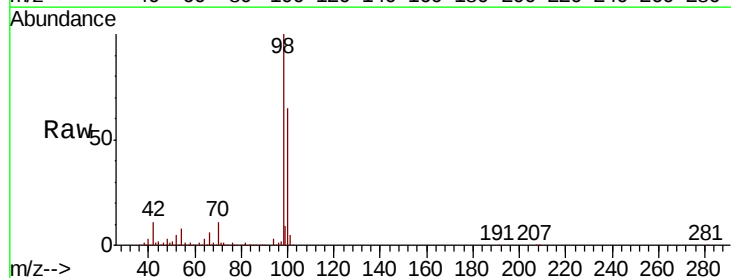
Manual Integrations
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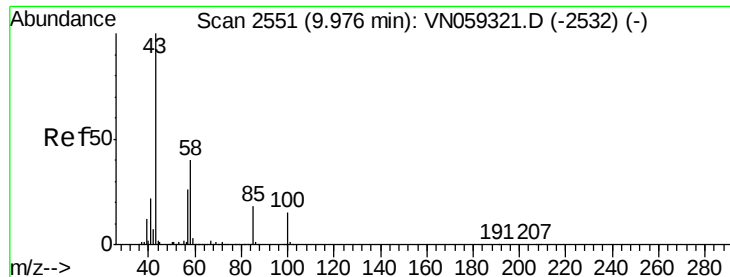
apatel
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#50
Toluene-d8
Concen: 70.393 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





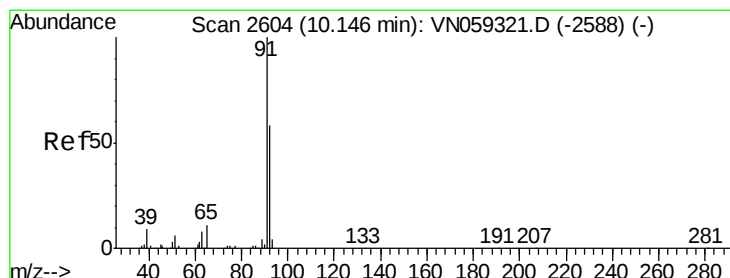
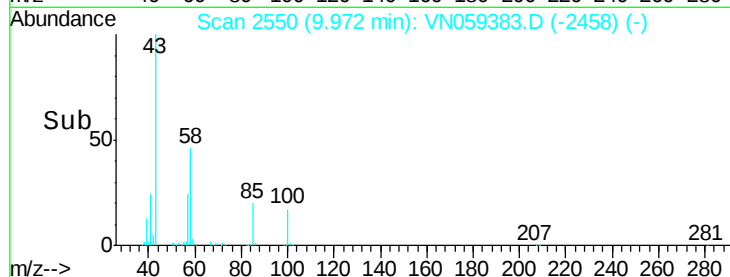
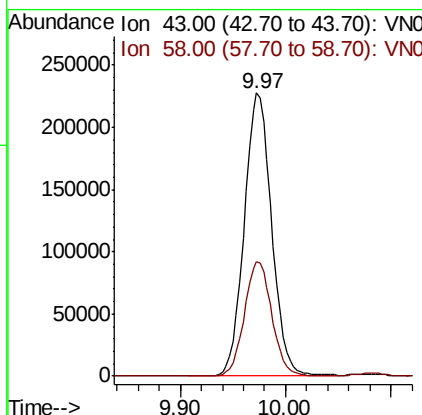
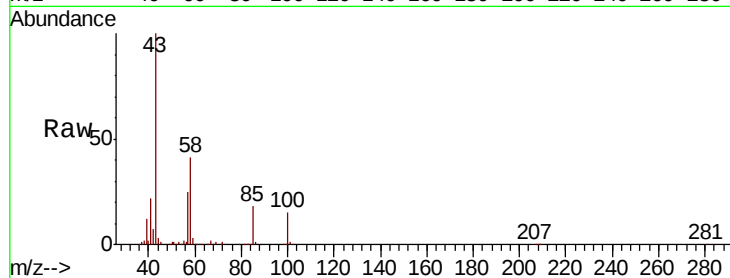
#51
4-Methyl-2-Pentanone
Concen: 125.843 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.8	47.8

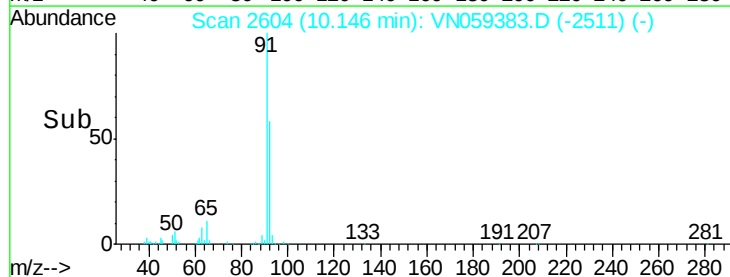
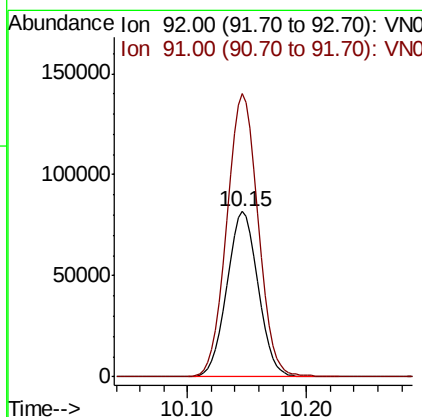
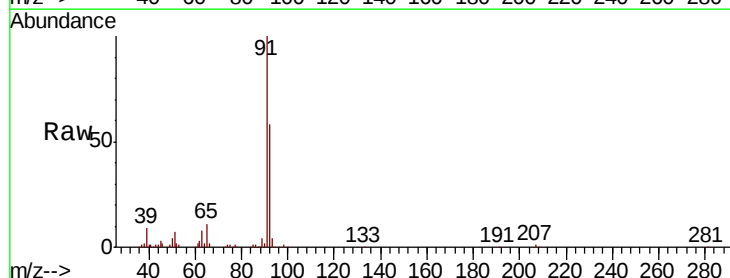
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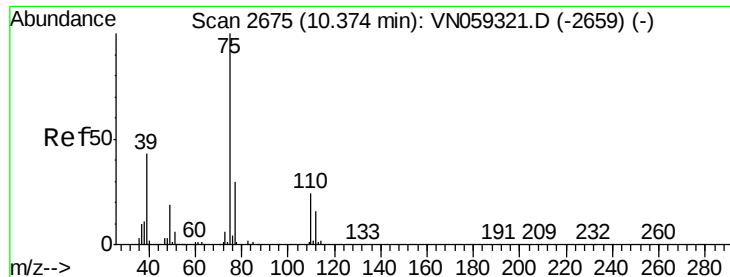
apatel
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#52
Toluene
Concen: 24.835 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.9	206.9





#53

t-1,3-Dichloropropene

Concen: 24.434 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 75 Resp: 92965

Ion Ratio Lower Upper

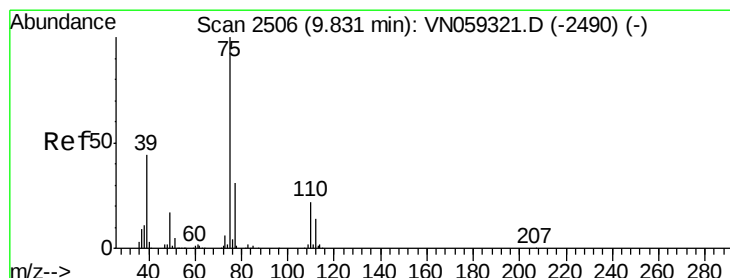
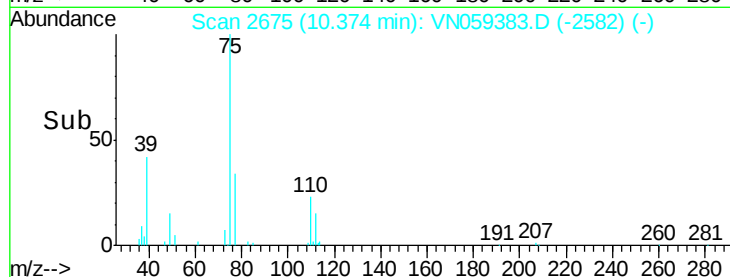
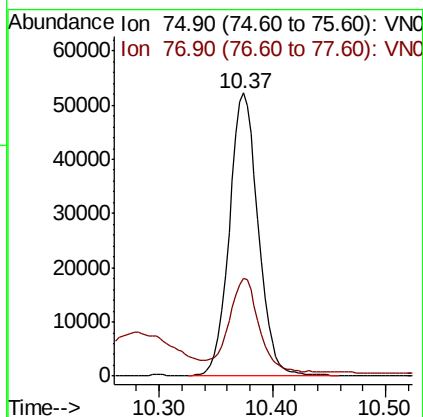
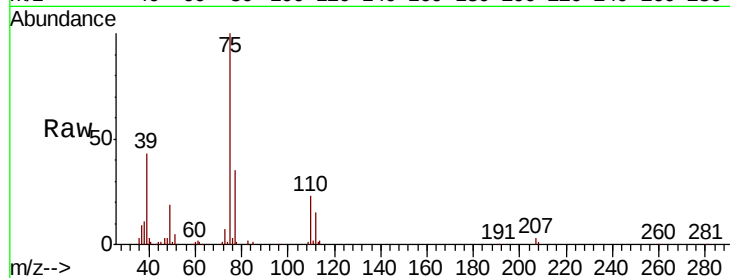
75 100

77 32.9 25.5 38.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 24.390 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

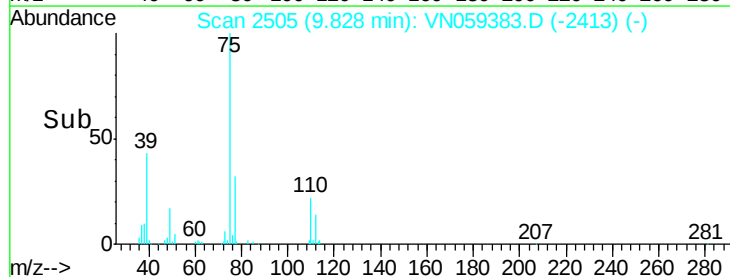
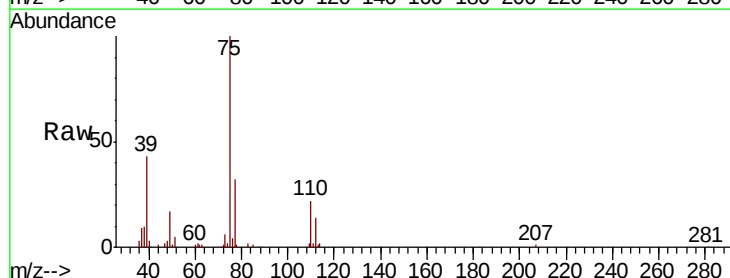
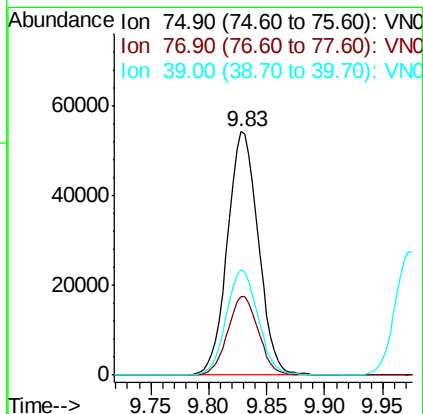
Tgt Ion: 75 Resp: 100698

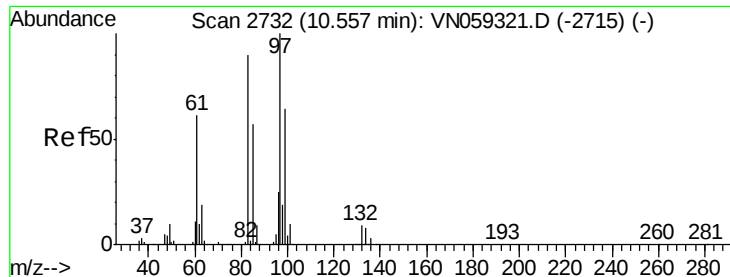
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

39 43.1 35.5 53.3





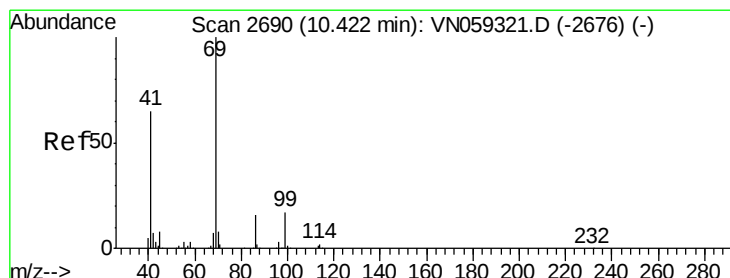
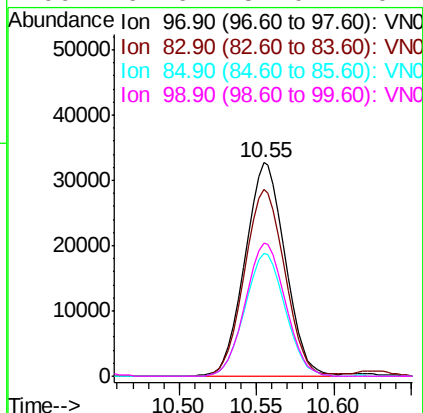
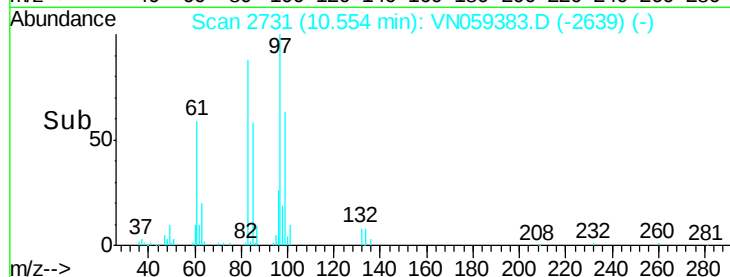
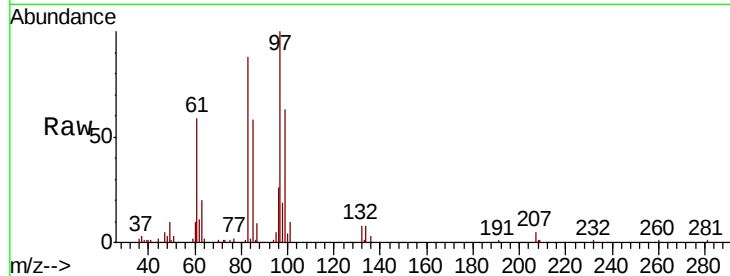
#55
 1,1,2-Trichloroethane
 Concen: 25.364 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion:	97	Resp:	59249
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	57.8	45.8	68.6
99	62.6	51.0	76.4

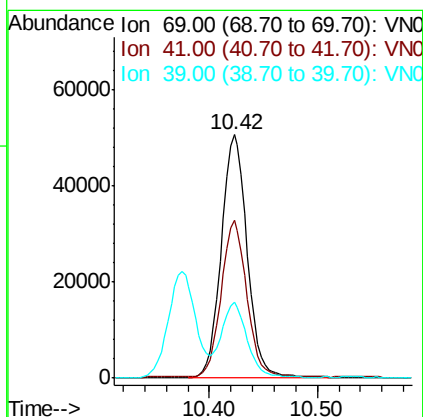
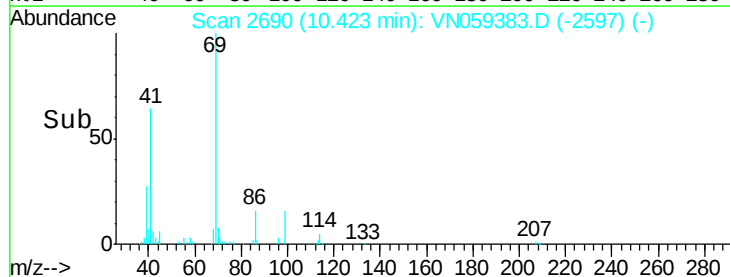
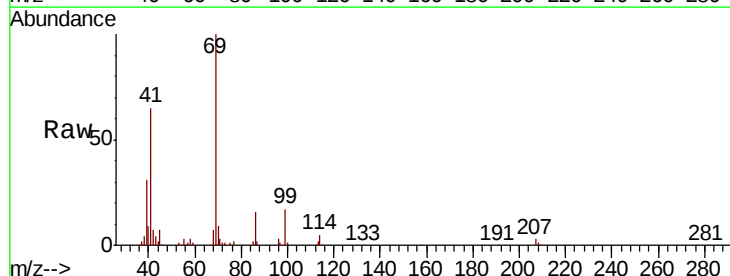
Manual Integrations
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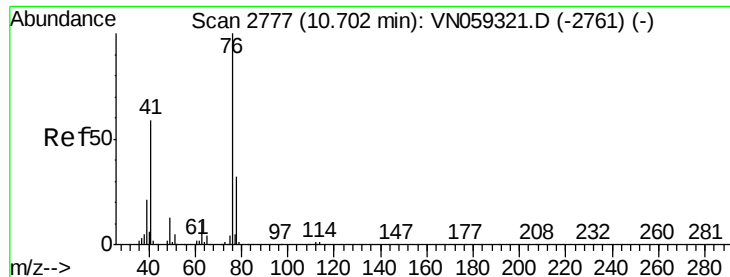
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#56
 Ethyl methacrylate
 Concen: 22.817 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Tgt Ion:	69	Resp:	85097
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.7	77.5
39	30.7	25.2	37.8





#57

1,3-Dichloropropane

Concen: 25.187 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 76 Resp: 102545

Ion Ratio Lower Upper

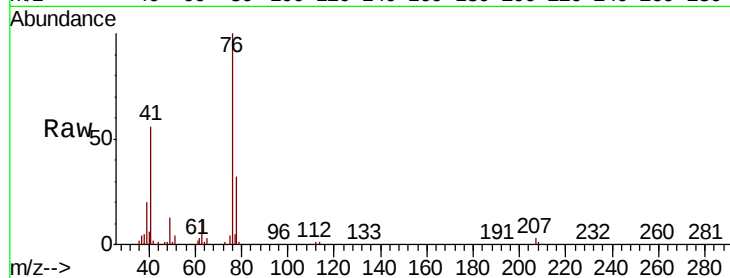
76 100

78 32.2 26.0 39.0

Manual Integrations
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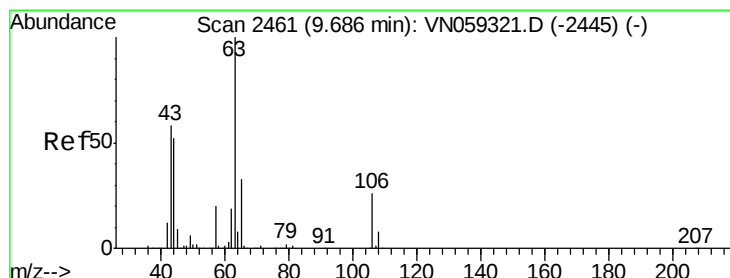
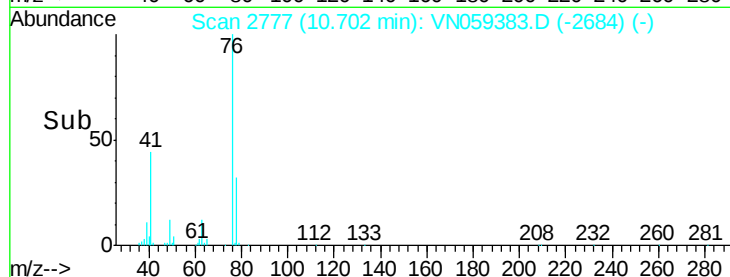
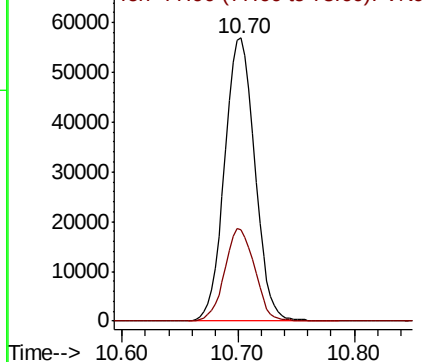
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 85.027 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059383.D

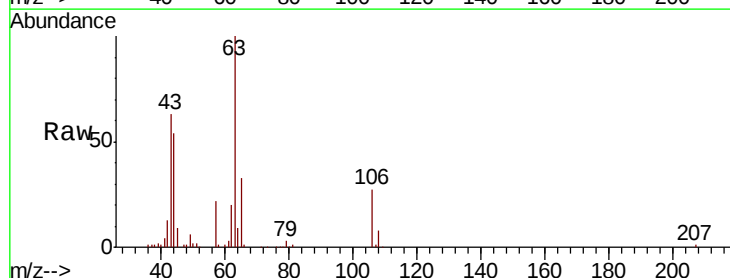
Acq: 25 Nov 2019 15:21

Tgt Ion: 63 Resp: 99171

Ion Ratio Lower Upper

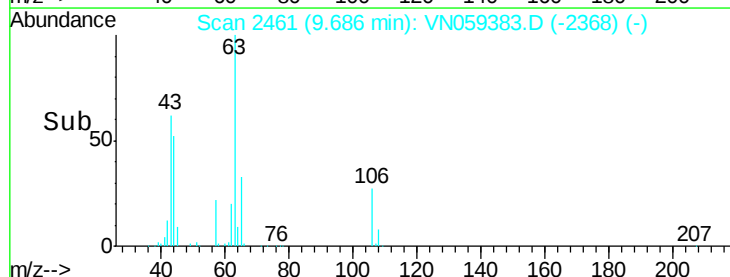
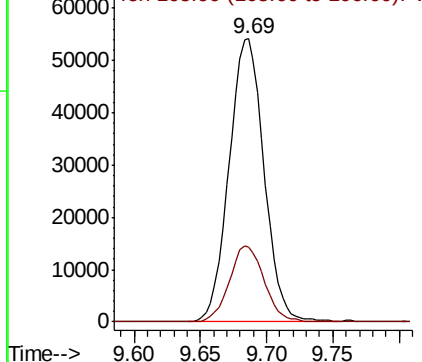
63 100

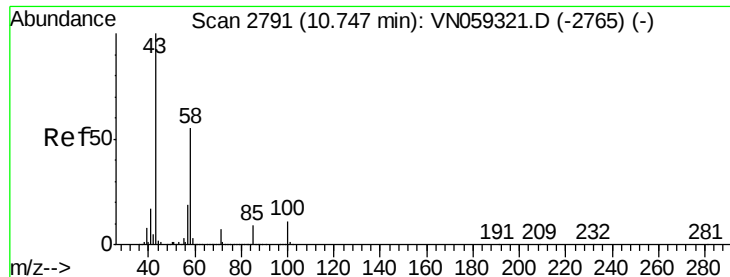
106 26.6 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





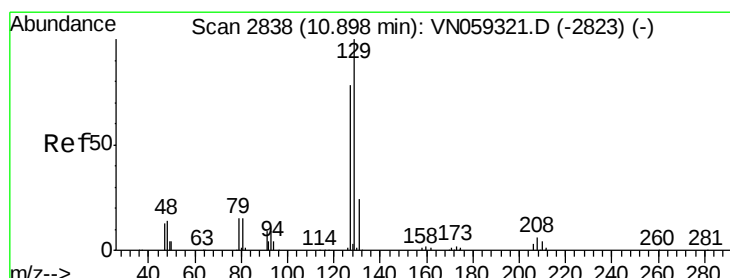
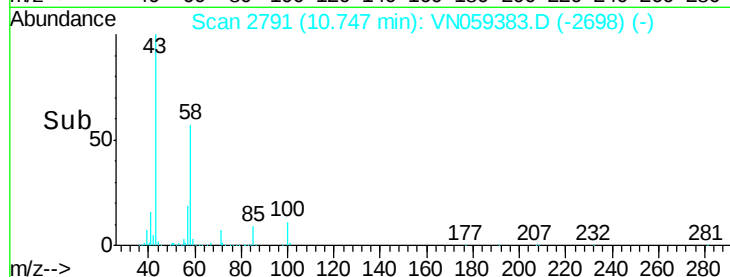
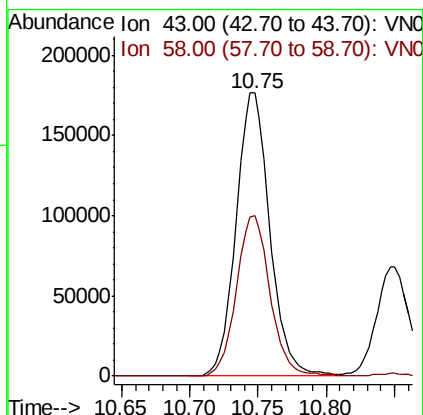
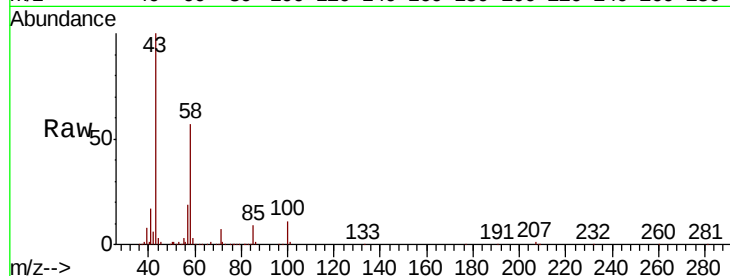
#59
2-Hexanone
Concen: 126.803 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	27.7	83.0

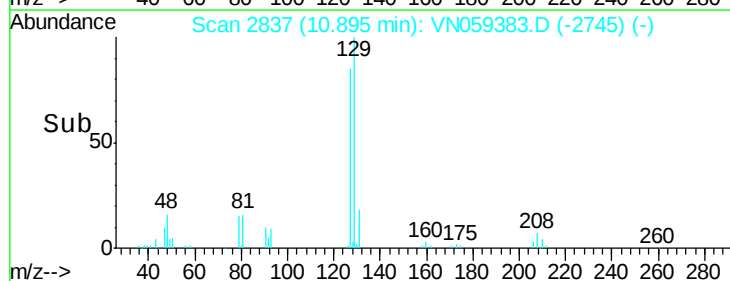
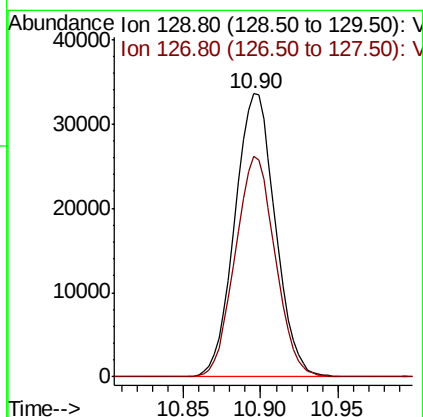
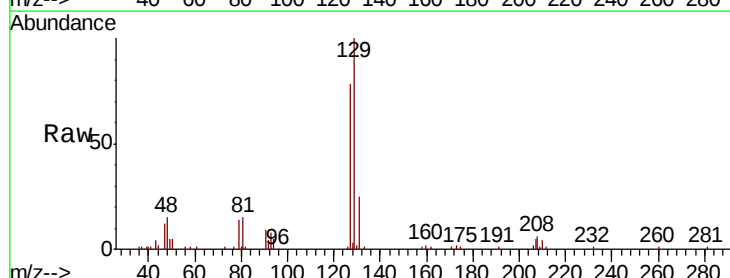
Manual Integrations
APPROVED

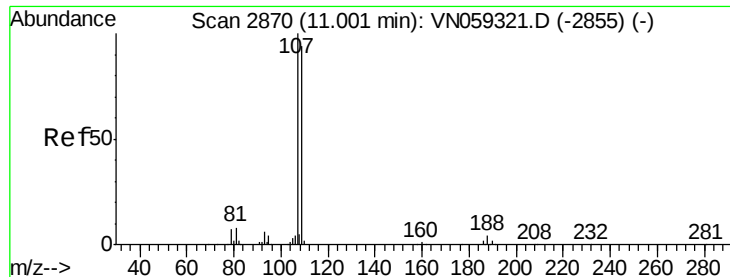
apatel
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#60
Dibromochloromethane
Concen: 24.743 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5





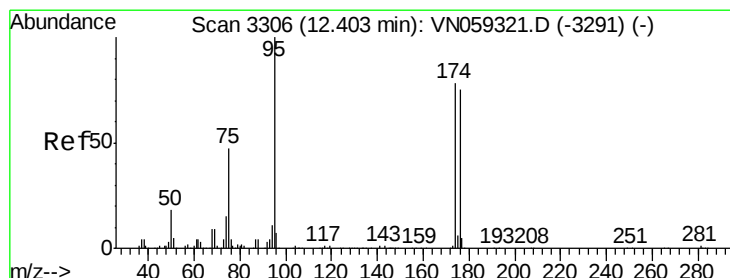
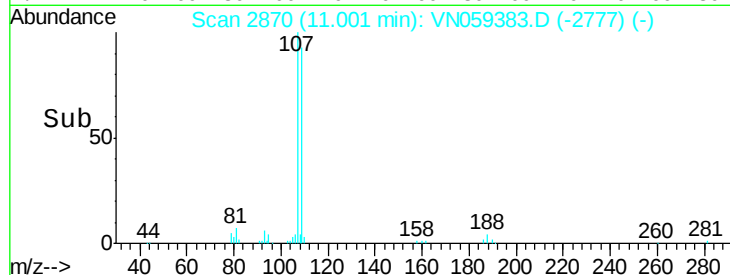
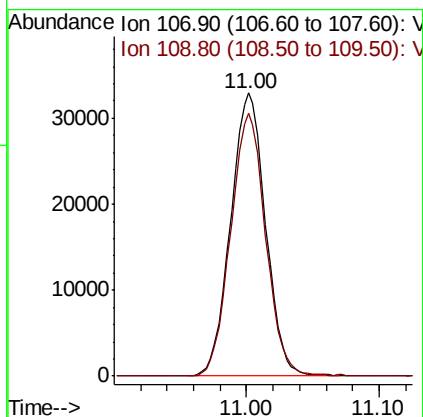
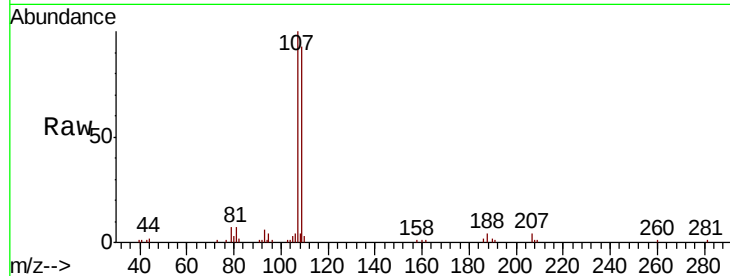
#61
1,2-Dibromoethane
Concen: 24.705 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 107 Resp: 60046
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2

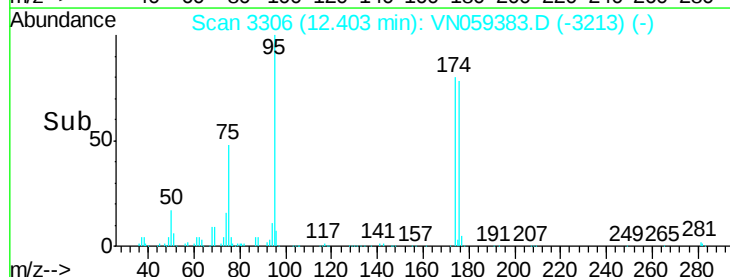
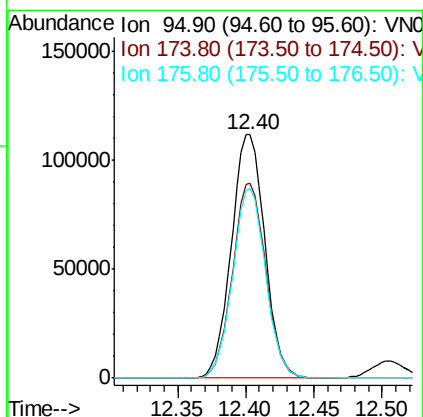
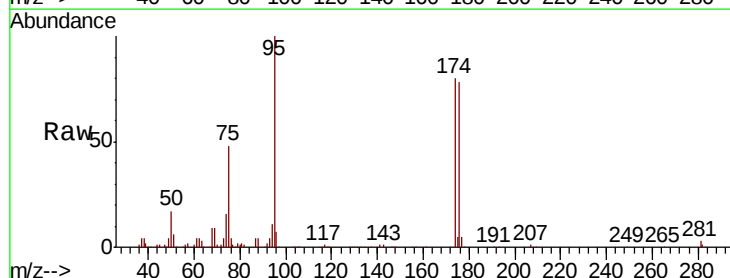
Manual Integrations
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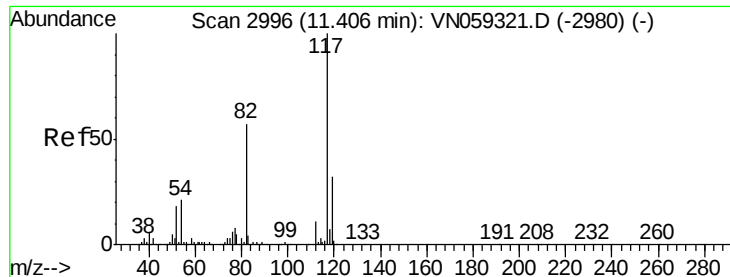
apatel
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#62
4-Bromofluorobenzene
Concen: 69.218 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion: 95 Resp: 190356
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.4
176 76.7 0.0 151.2





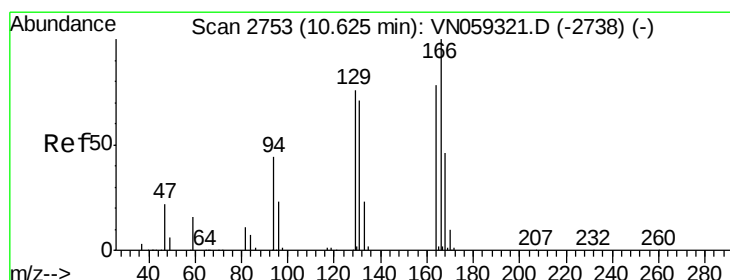
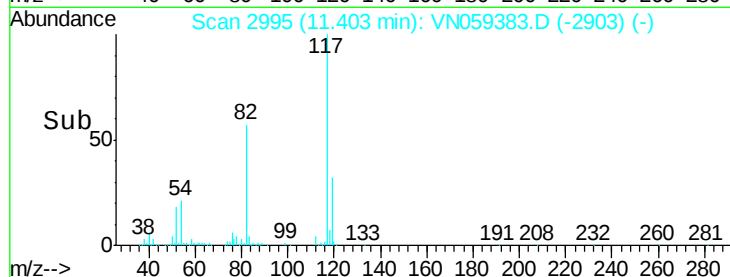
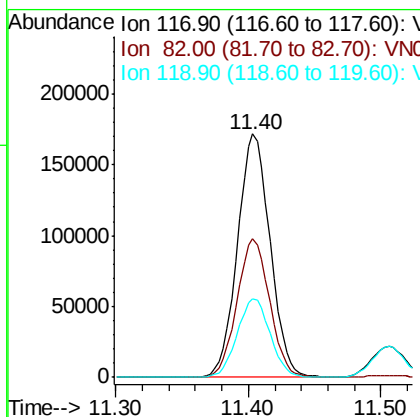
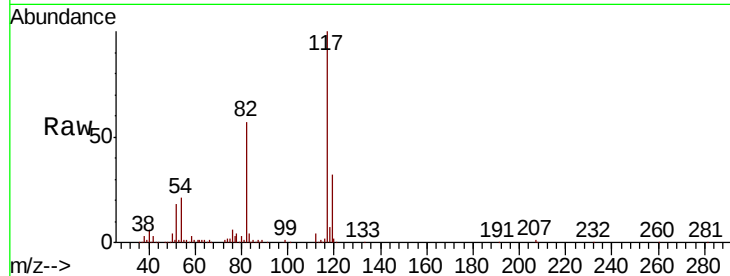
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.7	68.5
119	32.5	25.8	38.6

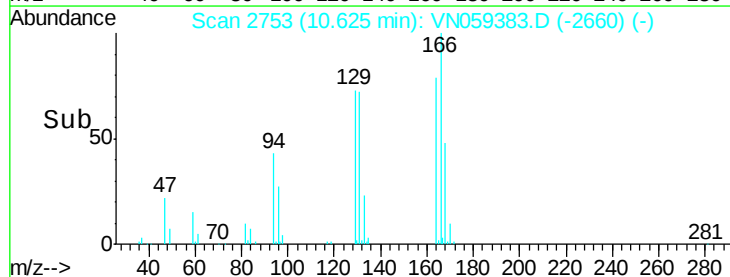
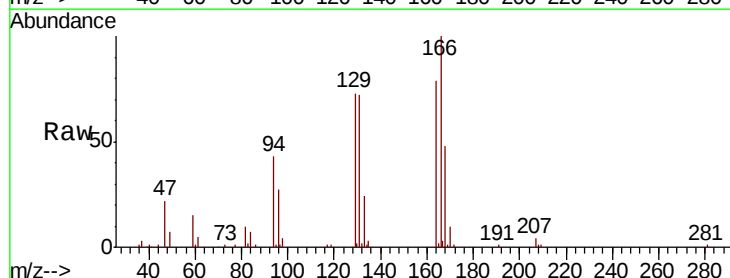
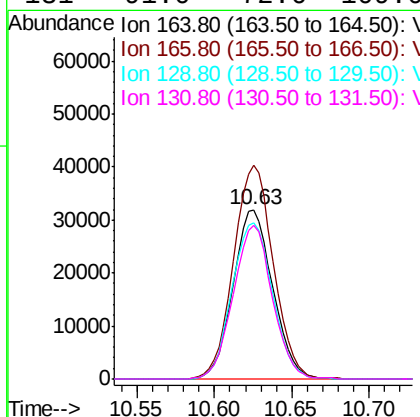
Manual Integrations
APPROVED

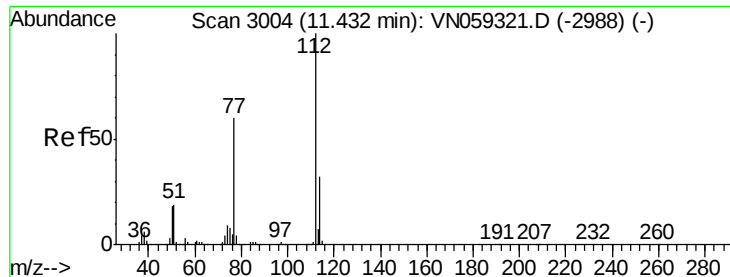
apatel
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#64
Tetrachloroethene
Concen: 24.888 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.9	154.3
129	92.6	78.2	117.2
131	91.0	72.6	109.0





#65

Chlorobenzene

Concen: 24.491 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:112 Resp: 154939

Ion Ratio Lower Upper

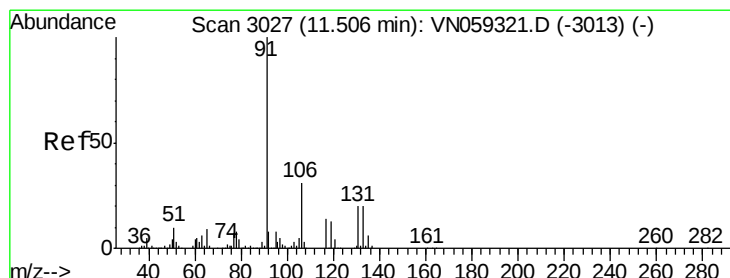
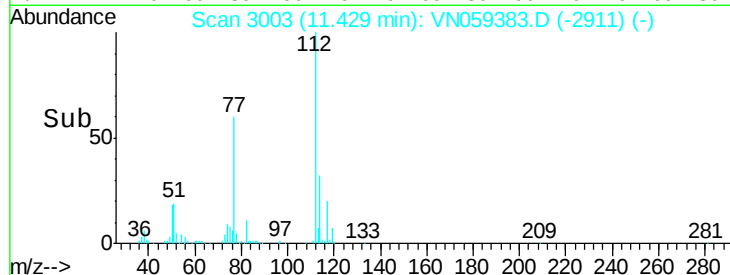
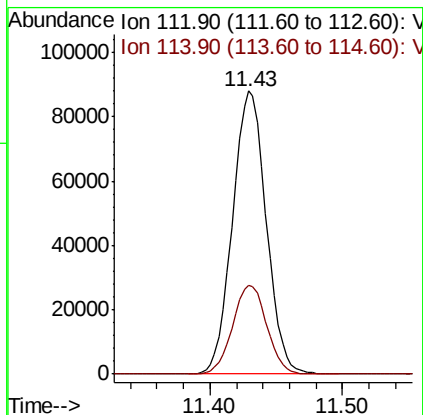
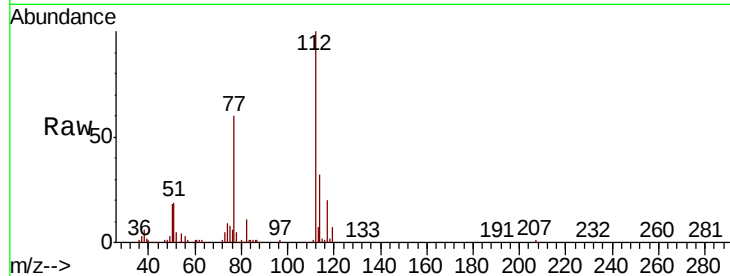
112 100

114 31.5 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 24.814 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

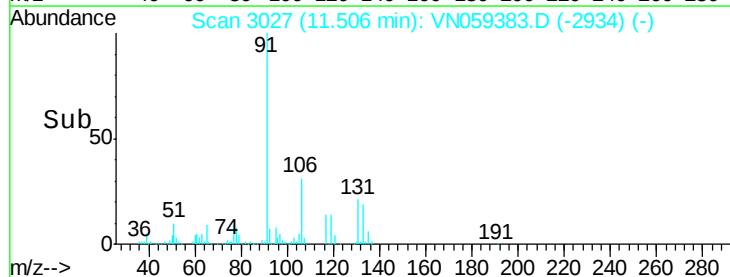
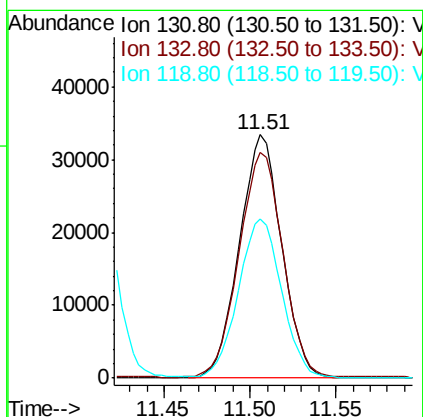
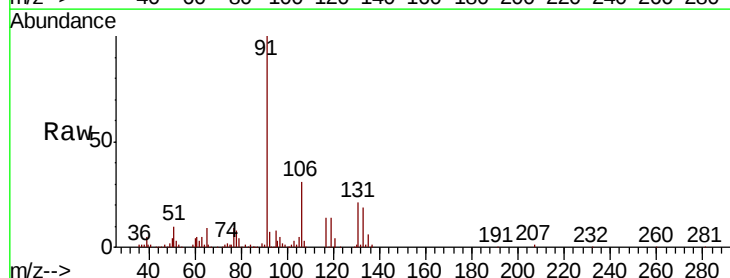
Tgt Ion:131 Resp: 57030

Ion Ratio Lower Upper

131 100

133 97.1 48.2 144.6

119 67.1 33.6 100.6





#67

Ethyl Benzene

Concen: 24.438 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 91 Resp: 276046

Ion Ratio Lower Upper

91 100

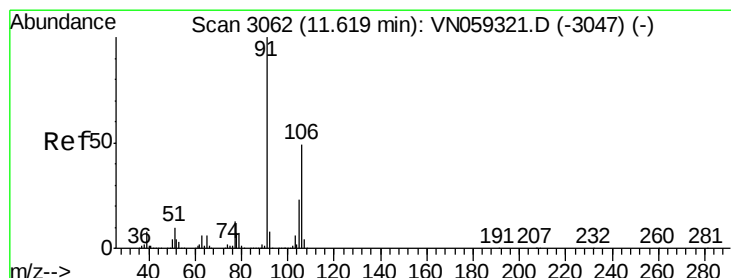
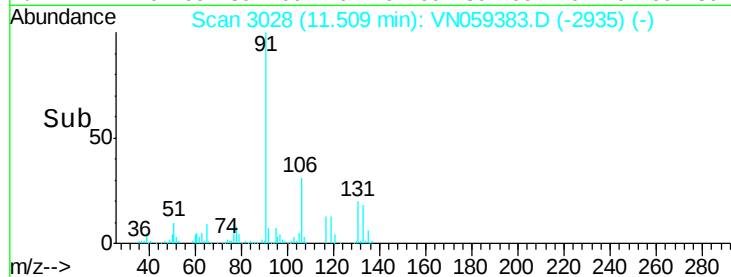
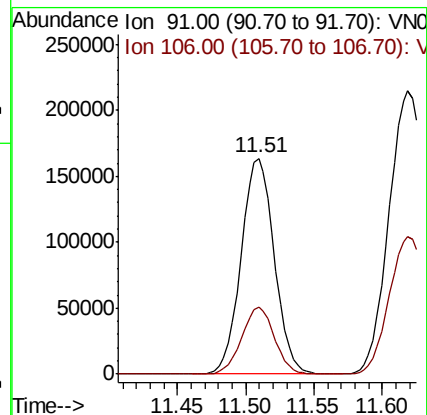
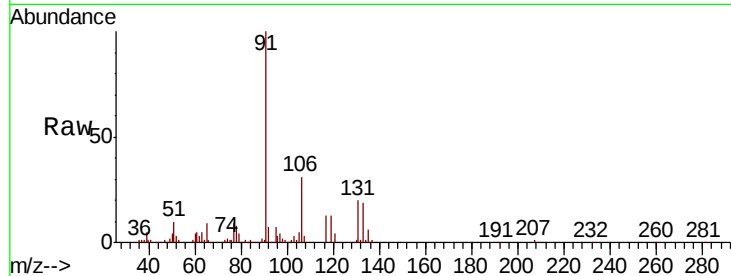
106 31.2 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 48.775 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059383.D

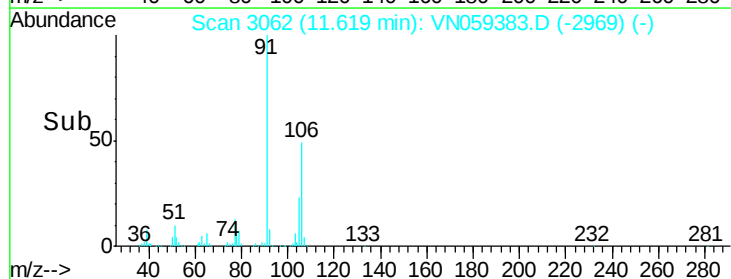
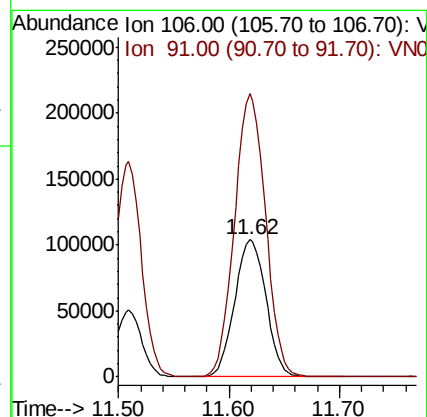
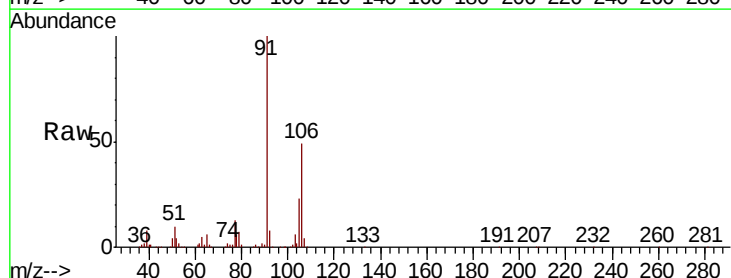
Acq: 25 Nov 2019 15:21

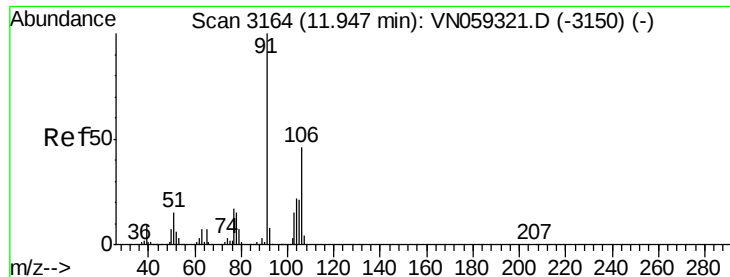
Tgt Ion: 106 Resp: 204723

Ion Ratio Lower Upper

106 100

91 204.3 163.2 244.8





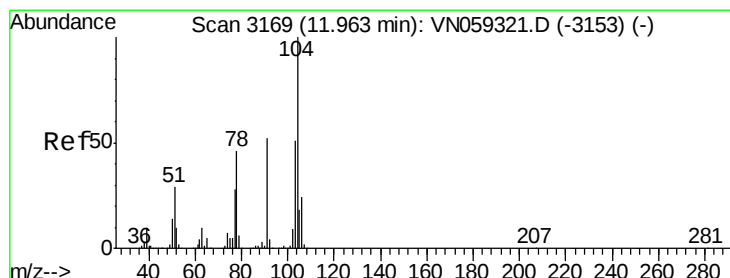
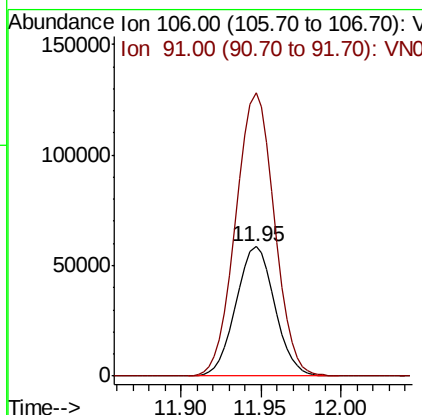
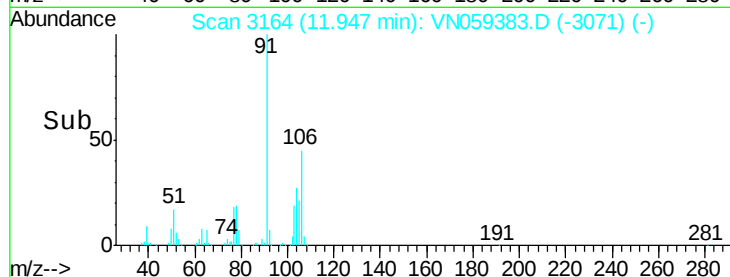
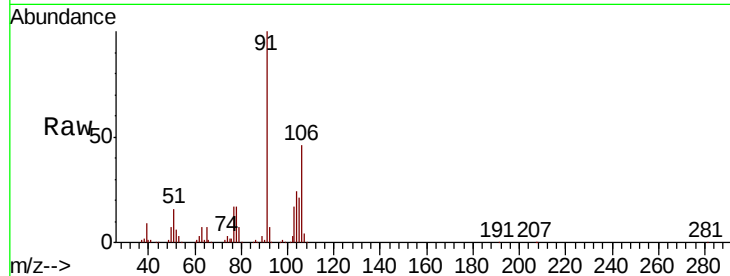
#69
o-Xylene
Concen: 24.114 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion:106 Resp: 96897
Ion Ratio Lower Upper
106 100
91 217.9 109.3 327.9

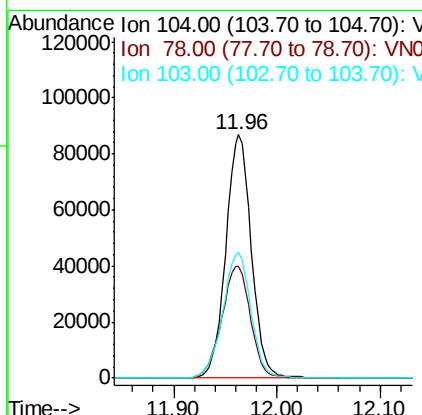
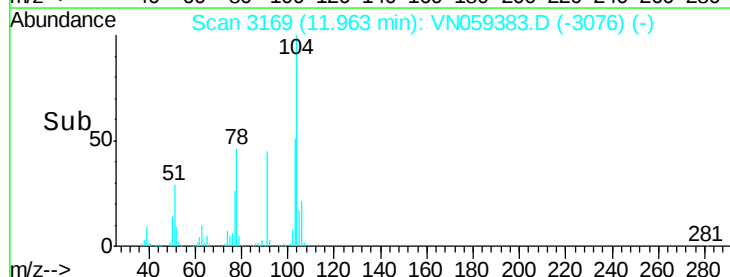
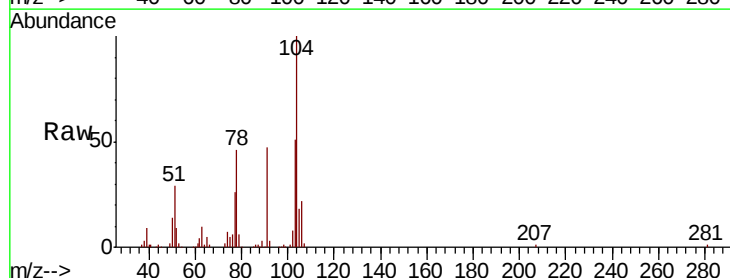
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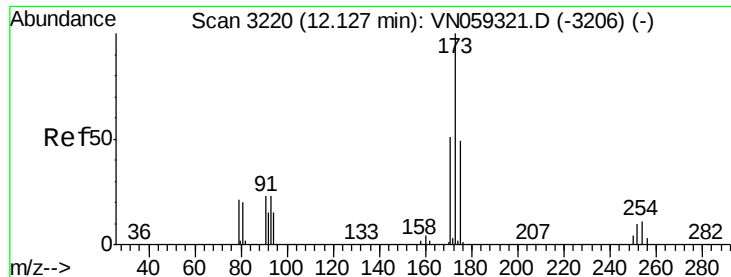
apatel
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#70
Styrene
Concen: 23.708 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion:104 Resp: 150318
Ion Ratio Lower Upper
104 100
78 51.7 40.3 60.5
103 56.6 43.6 65.4





#71

Bromoform

Concen: 24.532 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:173 Resp: 42699

Ion Ratio Lower Upper

173 100

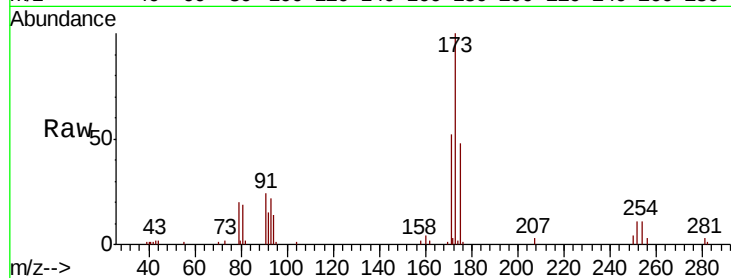
175 48.9 24.6 73.6

254 0.0 0.1 0.1#

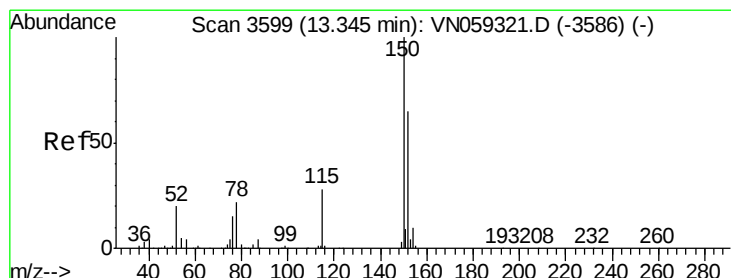
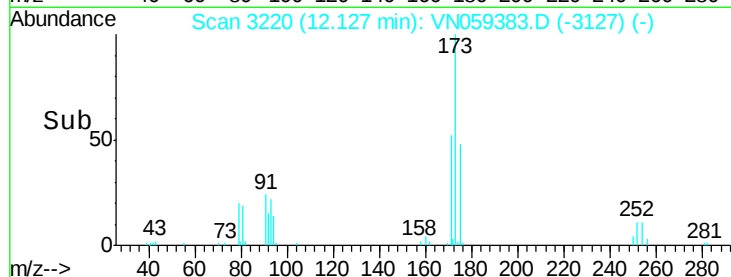
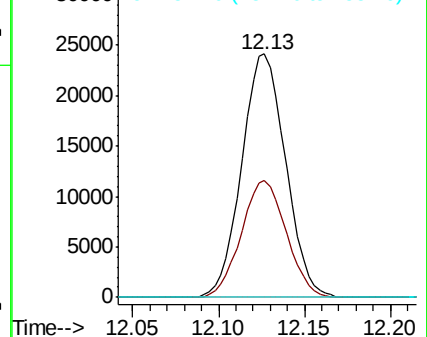
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

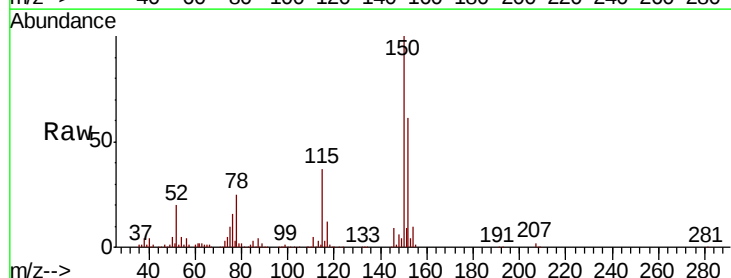
Tgt Ion:152 Resp: 131127

Ion Ratio Lower Upper

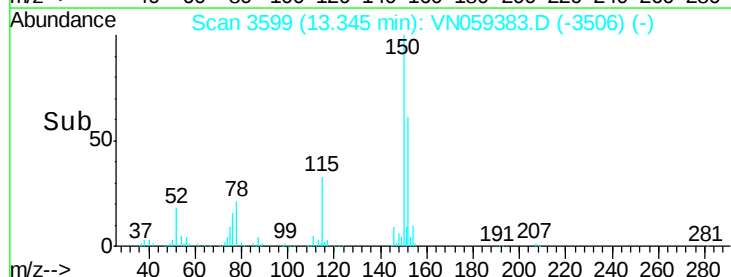
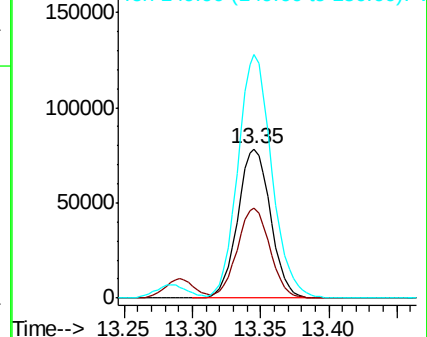
152 100

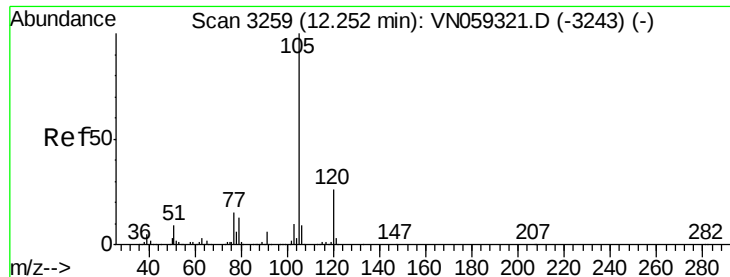
115 59.9 29.3 88.0

150 167.4 0.0 346.0



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





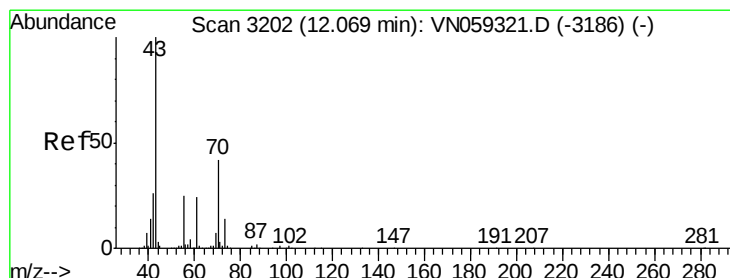
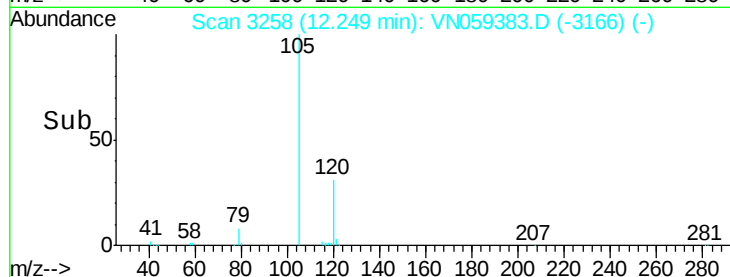
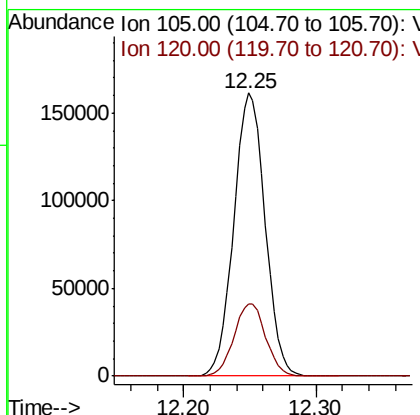
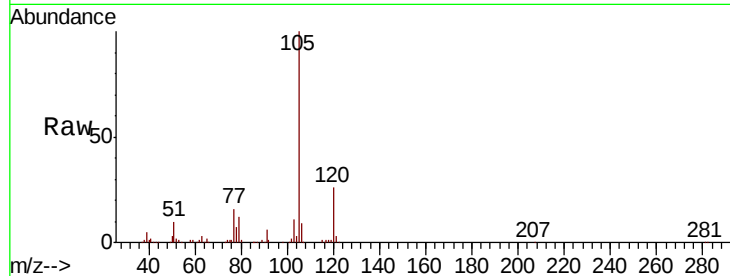
#73
Isopropylbenzene
Concen: 24.560 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

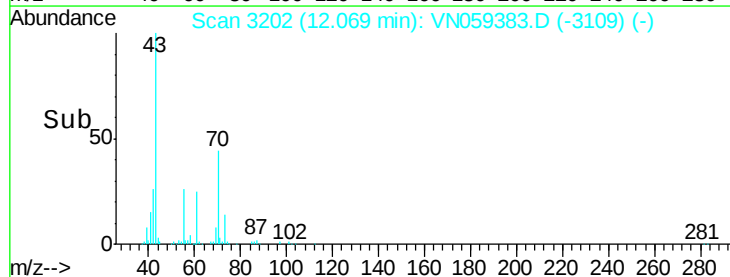
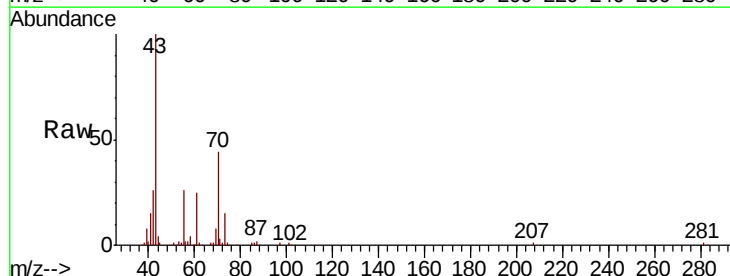
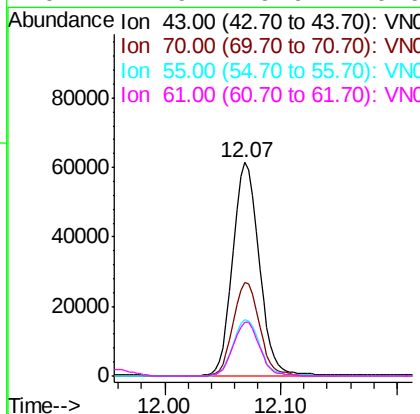
Manual Integrations
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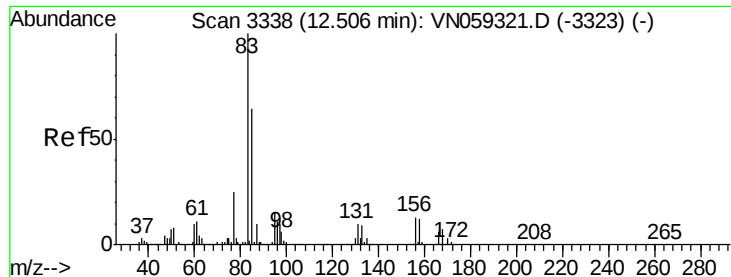
apatel
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#74
N-ethyl acetate
Concen: 22.619 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	33.8	50.6
55	26.9	20.3	30.5
61	24.9	19.9	29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.511 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

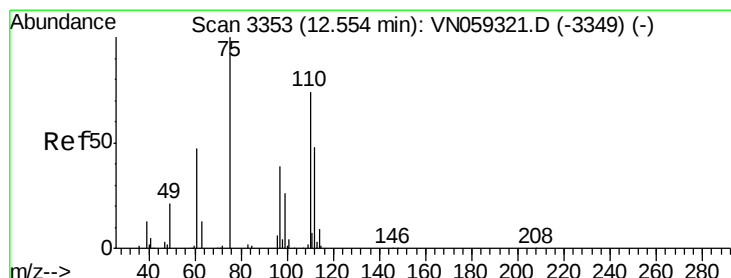
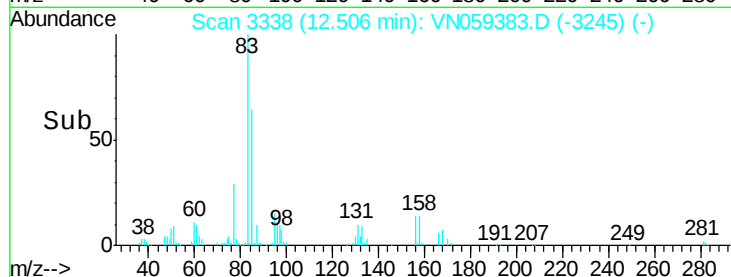
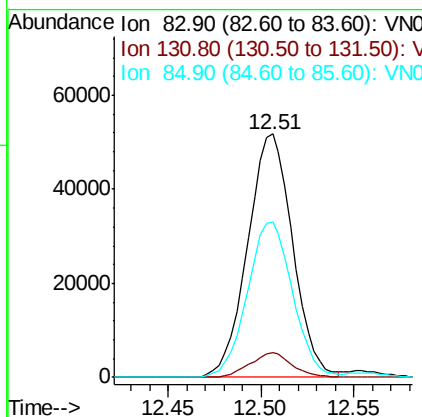
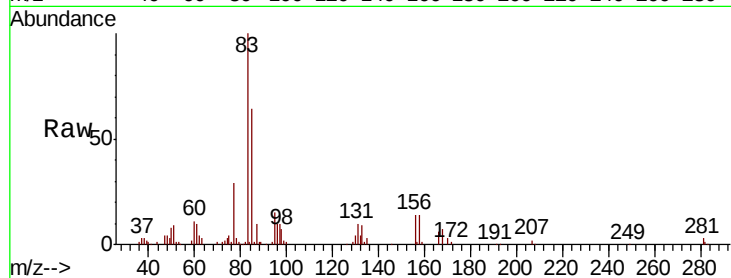
ClientSampleId :

VN1125WBSD01

Tot Ion:	83	Resp:	87095
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	64.1	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 26.041 ug/l m

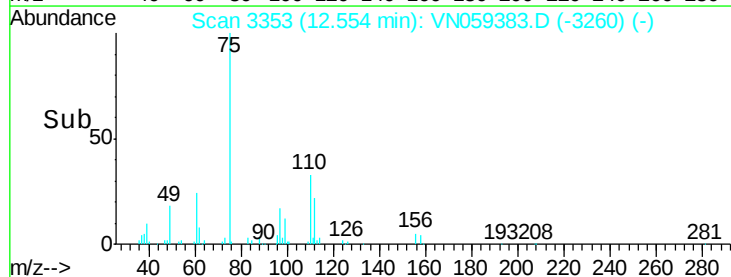
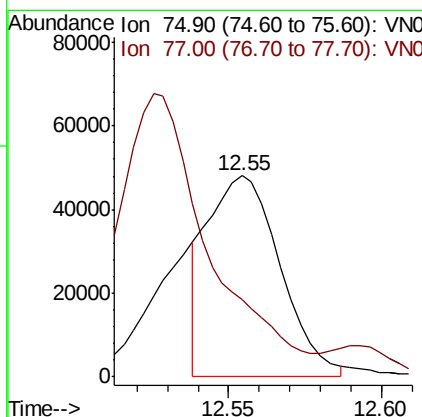
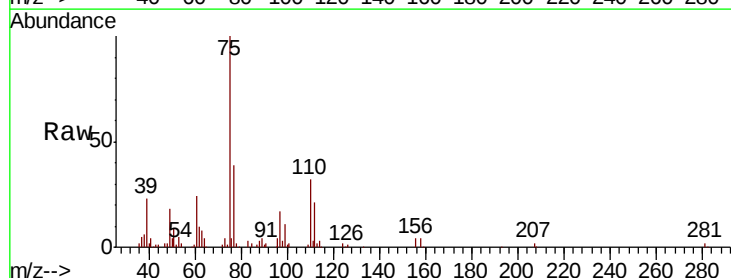
RT: 12.55 min Scan# 3353

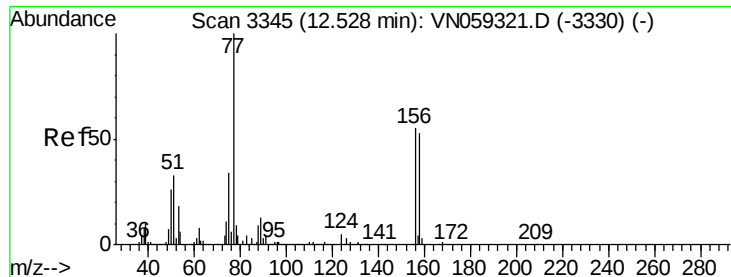
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	75	Resp:	78889
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 24.273 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

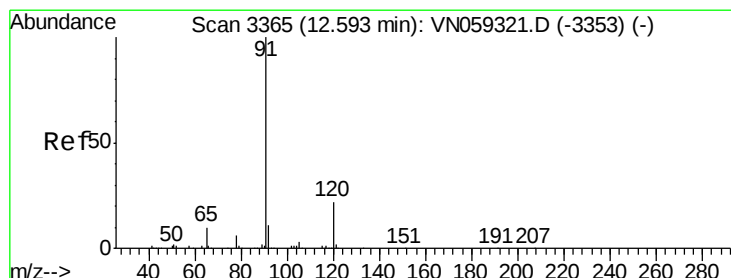
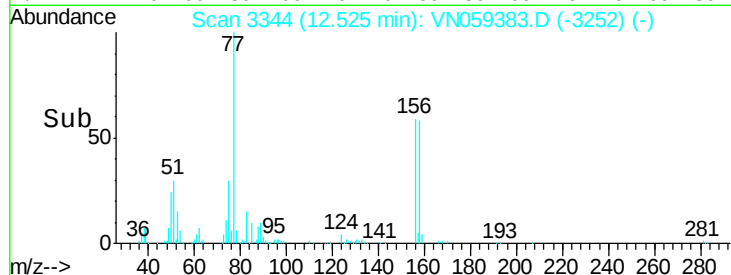
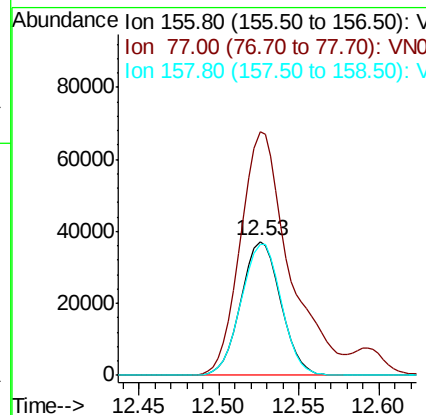
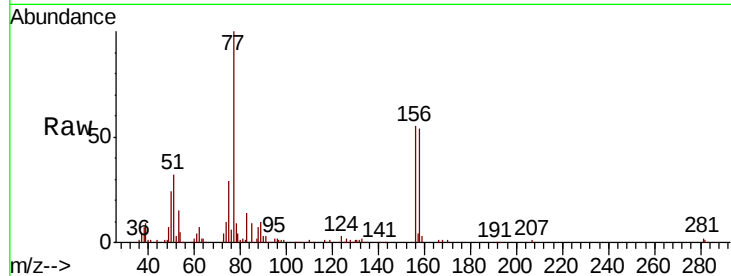
ClientSampleId :

VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	223.5	111.1	333.4
158	98.9	47.8	143.4

Manual Integrations
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#78

n-propylbenzene

Concen: 24.554 ug/l

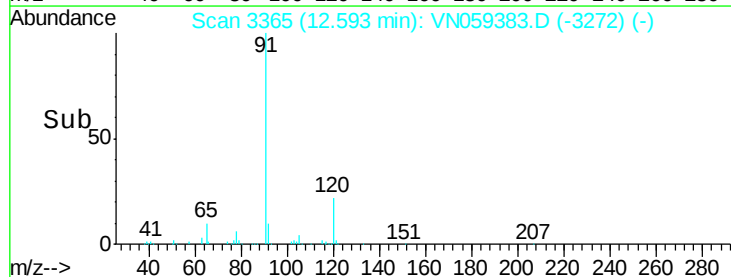
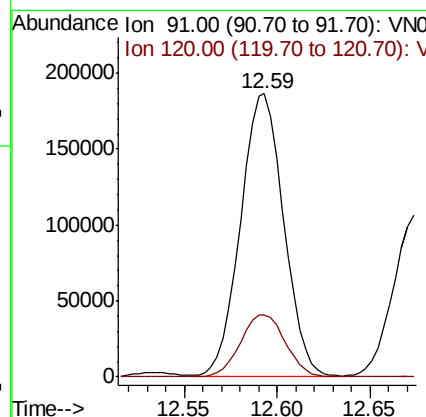
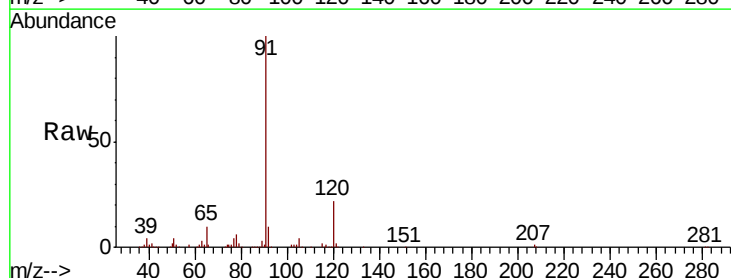
RT: 12.59 min Scan# 3365

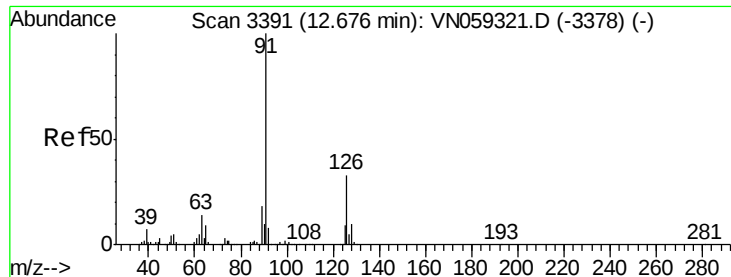
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.3	33.9





#79

2-Chlorotoluene

Concen: 24.028 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 91 Resp: 179450

Ion Ratio Lower Upper

91 100

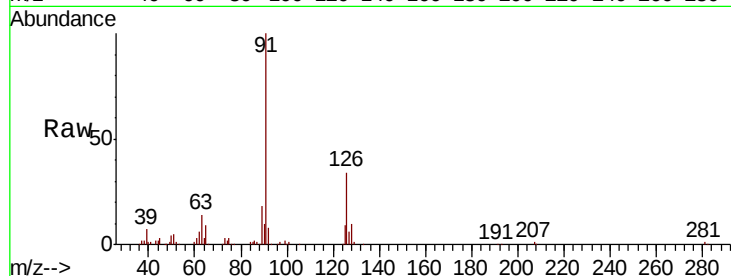
126 33.9 16.7 50.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059383.D (-3398) (-)

Ion 125.90 (125.60 to 126.60): VN059383.D (-3398) (-)

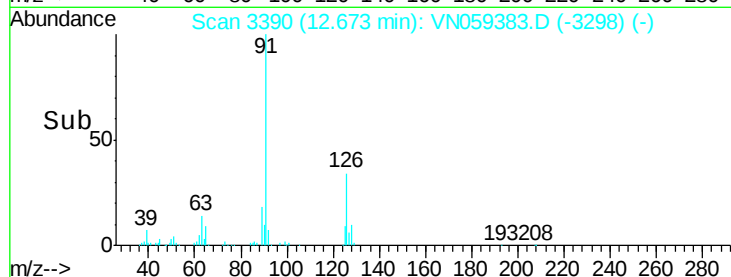
150000

100000

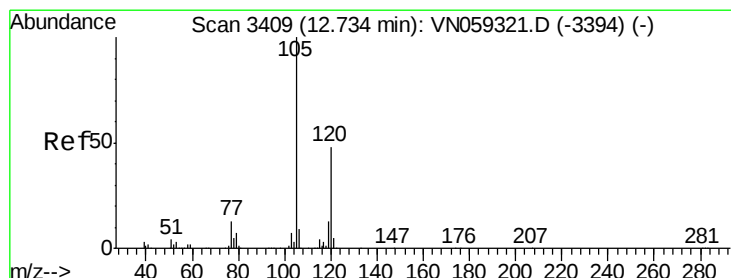
50000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 24.276 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059383.D

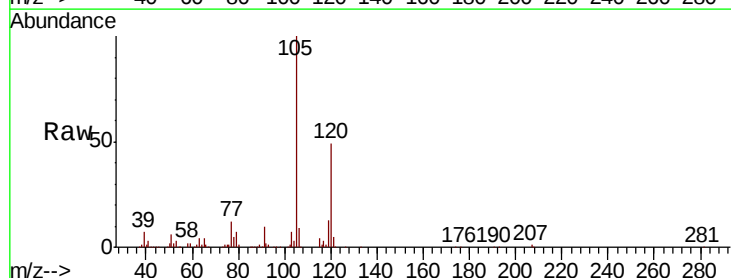
Acq: 25 Nov 2019 15:21

Tgt Ion: 105 Resp: 219206

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059383.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059383.D (-3316) (-)

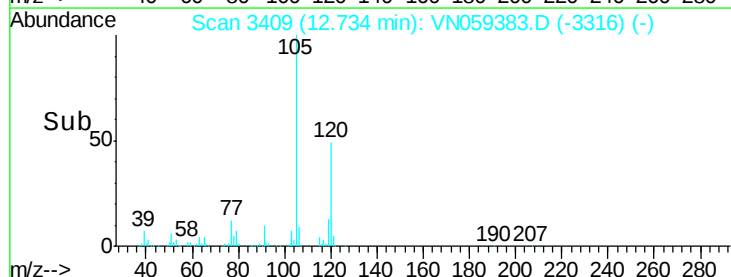
150000

100000

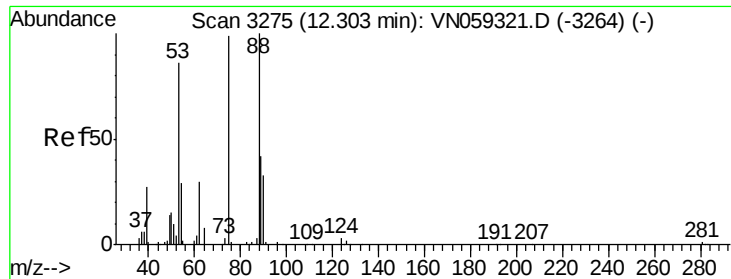
50000

0

12.70 12.80



Time-->



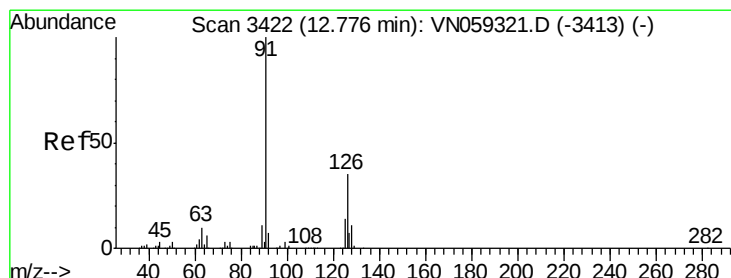
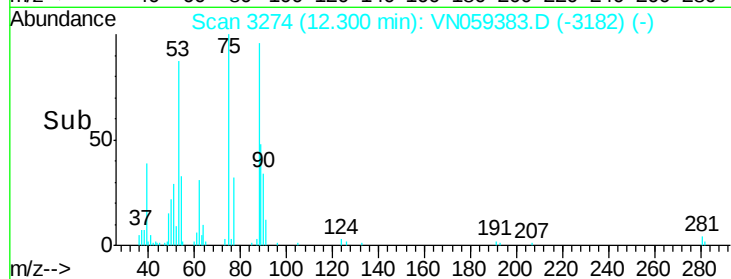
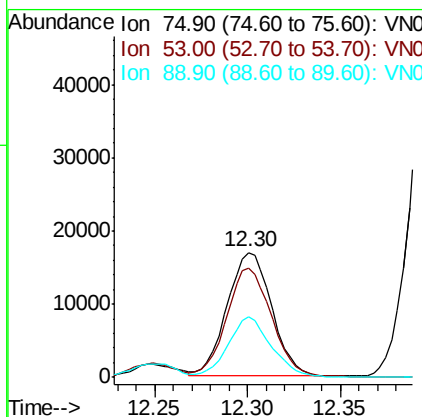
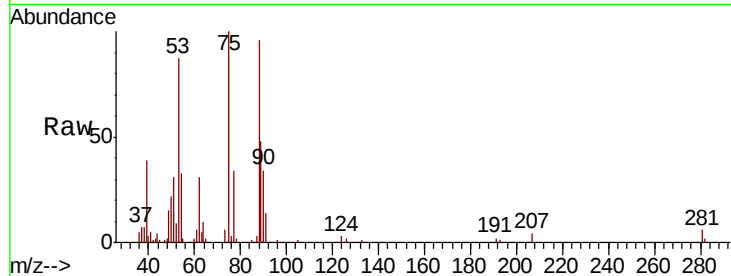
#81
trans-1,4-Dichloro-2-butene
Concen: 23.273 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	70.7	106.1
89	47.2	35.4	53.0

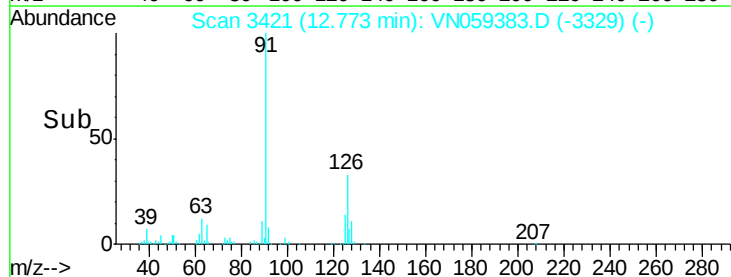
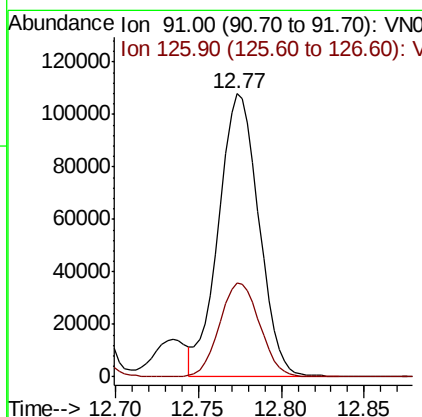
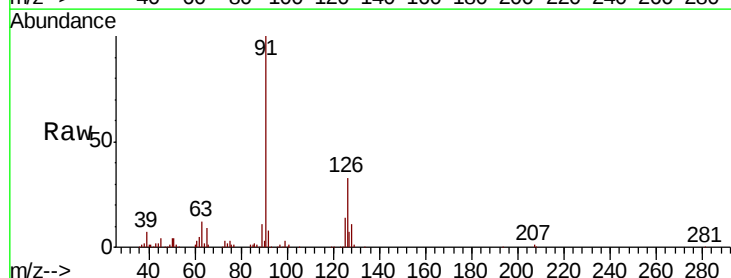
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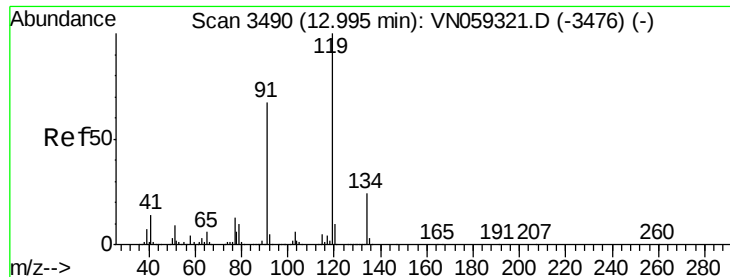
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#82
4-Chlorotoluene
Concen: 23.458 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 24.753 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

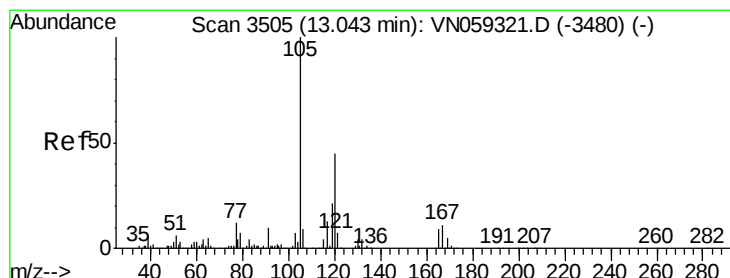
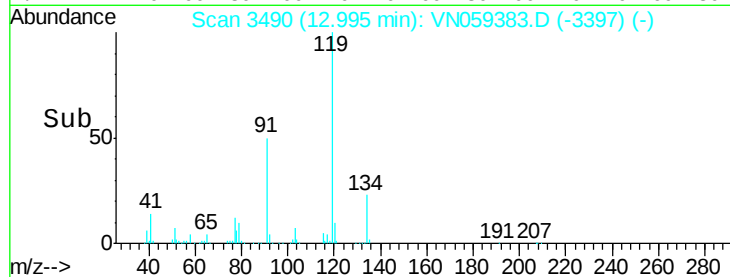
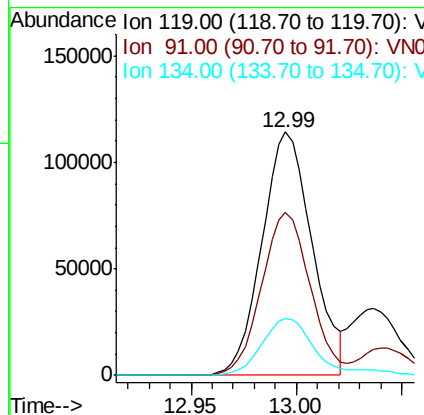
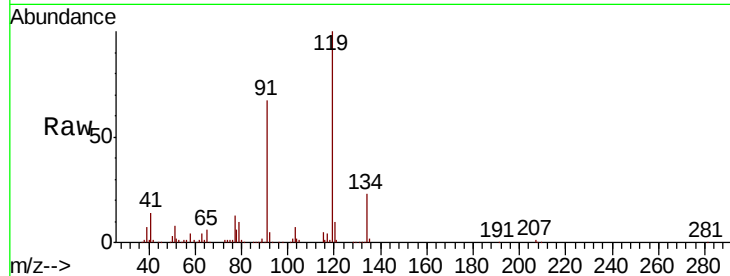
ClientSampleId :

VN1125WBSD01

Tot Ion:	119	Resp:	188777
Ion Ratio	Lower	Upper	
119	100		
91	65.2	32.8	98.4
134	25.3	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 24.596 ug/l

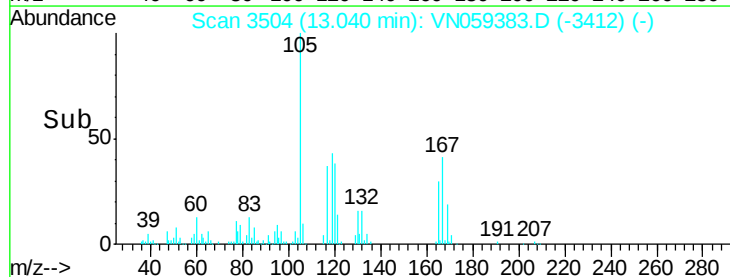
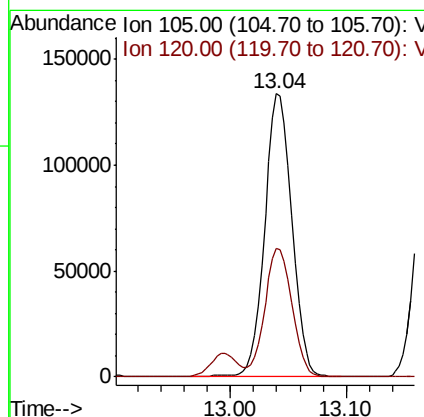
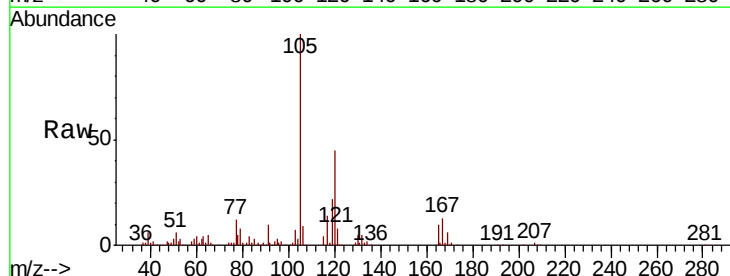
RT: 13.04 min Scan# 3504

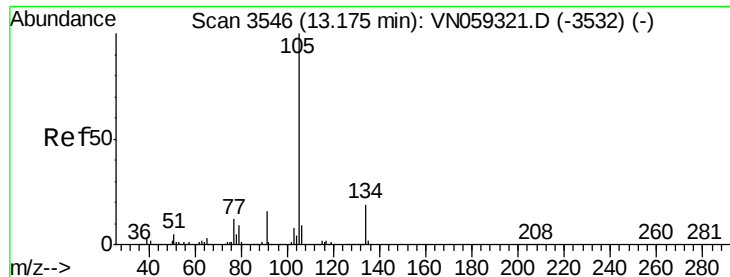
Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	105	Resp:	217566
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 24.560 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:105 Resp: 251745

Ion Ratio Lower Upper

105 100

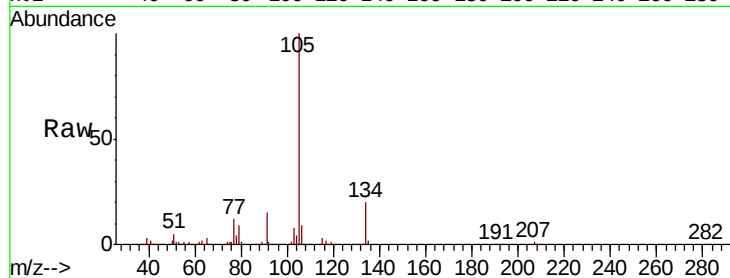
134 19.7 9.8 29.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

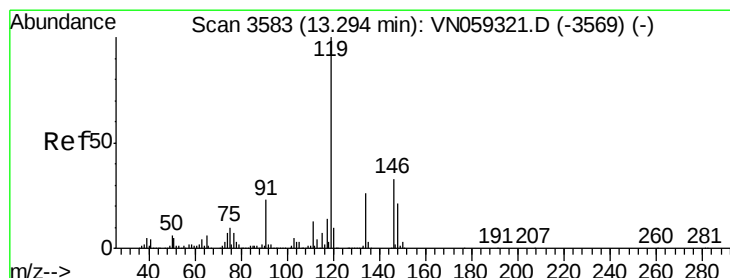
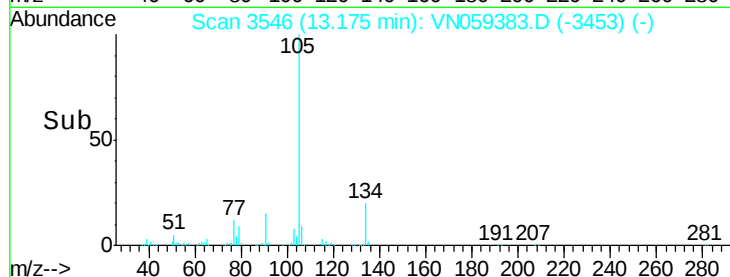
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 24.142 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

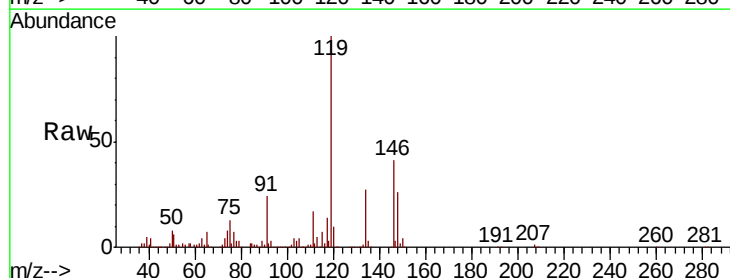
Tgt Ion:119 Resp: 220203

Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 23.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

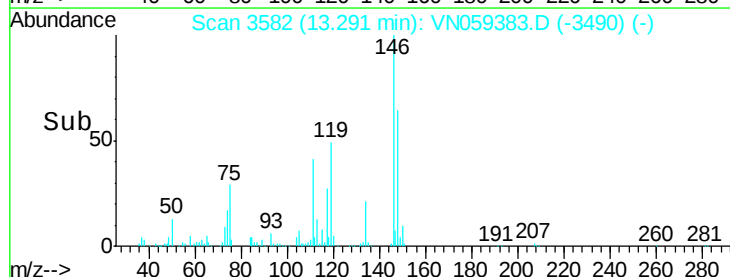
150000

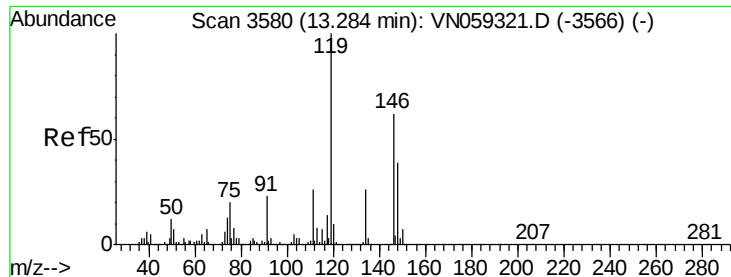
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 23.802 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

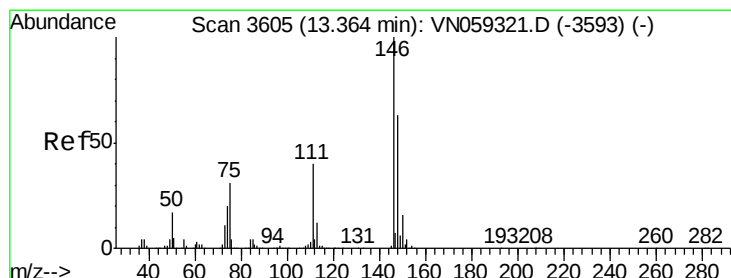
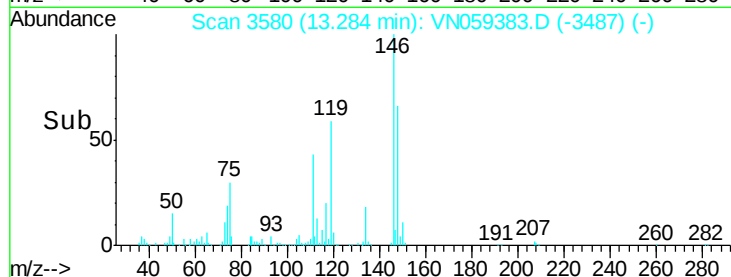
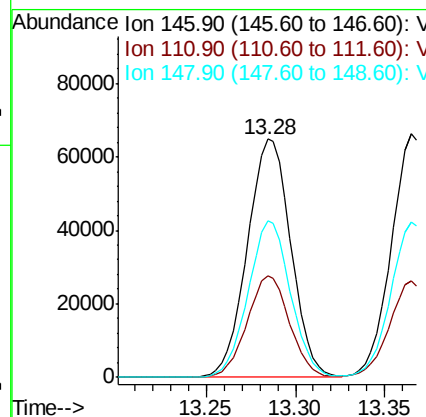
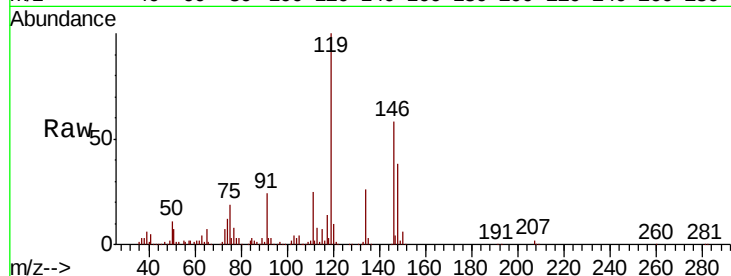
ClientSampleId :

VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.8
148	64.0	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 23.737 ug/l

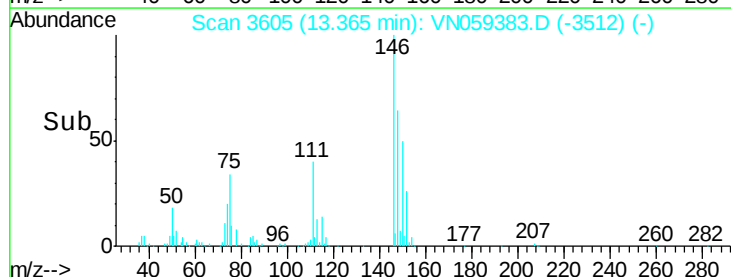
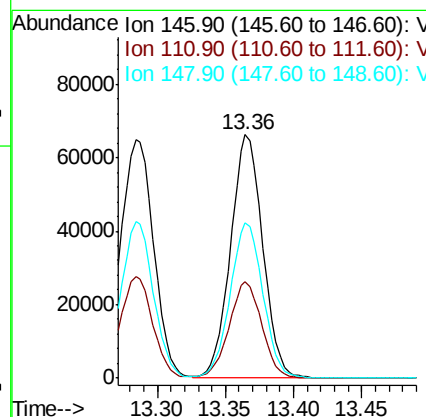
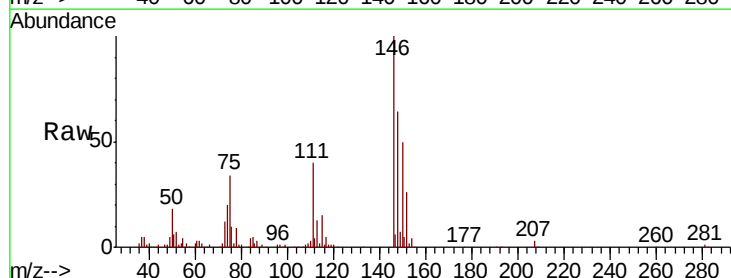
RT: 13.36 min Scan# 3605

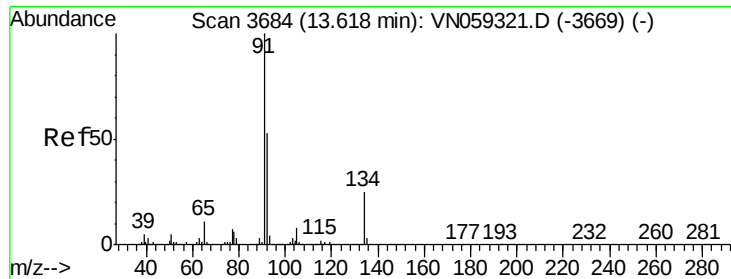
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.3
148	64.5	31.7	95.1





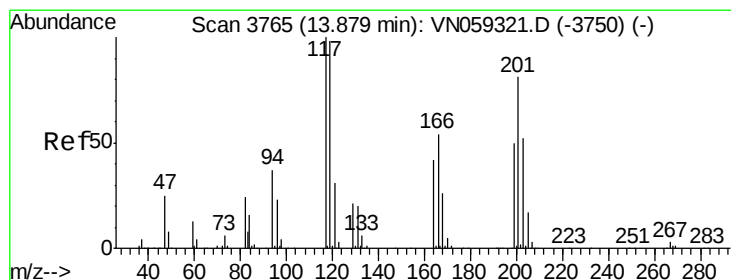
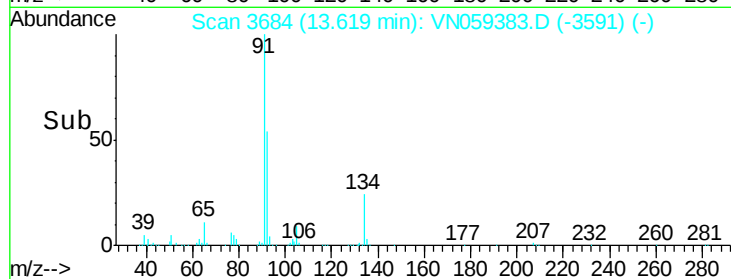
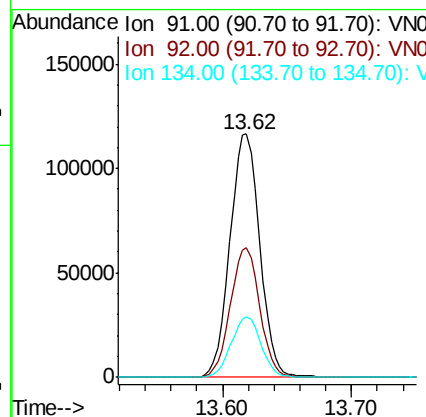
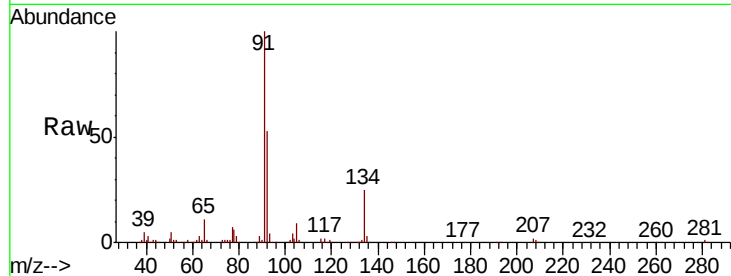
#89
n-Butylbenzene
Concen: 23.399 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	25.0	12.7	38.1

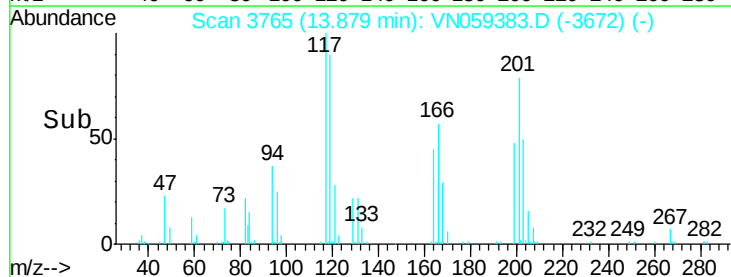
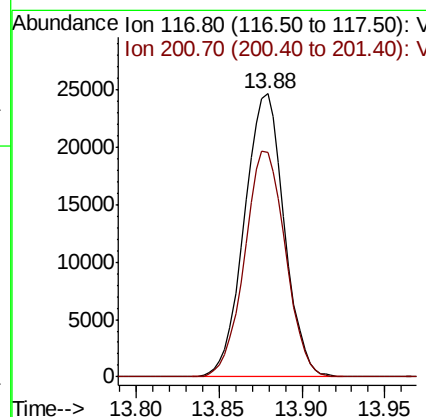
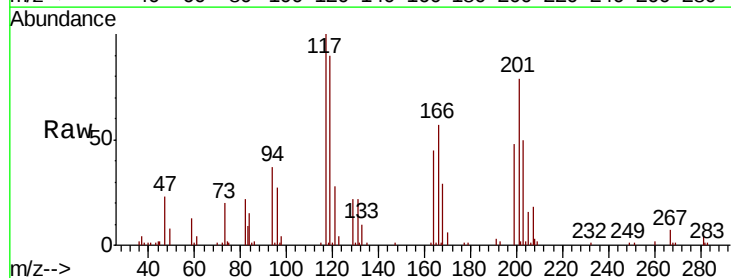
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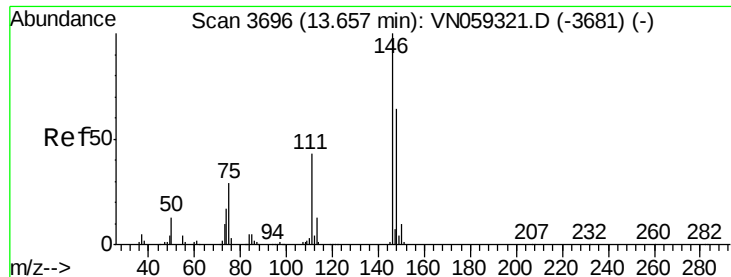
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#90
Hexachloroethane
Concen: 23.828 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 24.414 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Instrument :

MSVOA_N

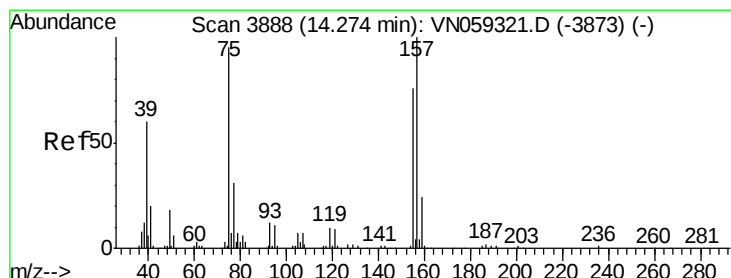
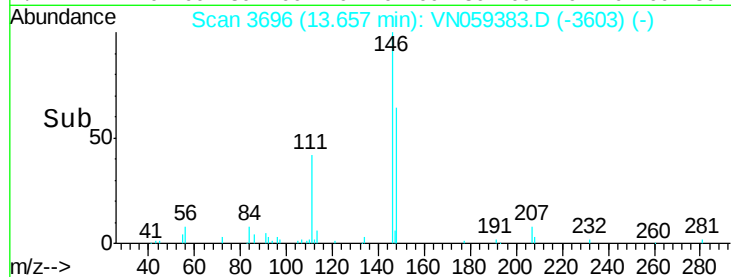
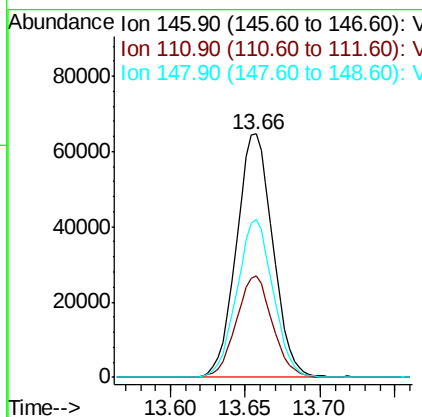
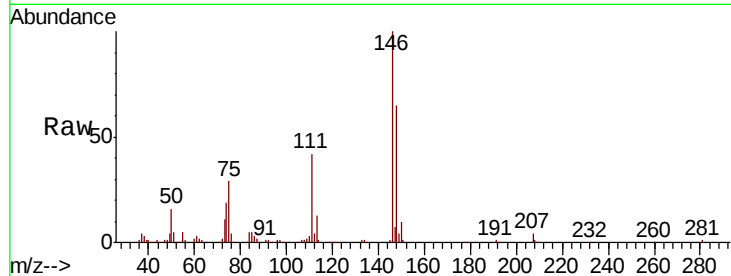
ClientSampleId :

VN1125WBSD01

Tot Ion:	146	Resp:	109598
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	64.0
148	64.7	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.024 ug/l

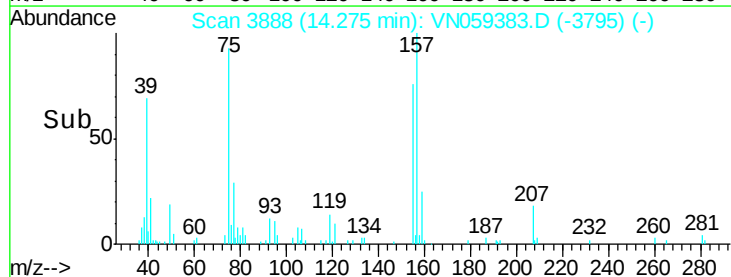
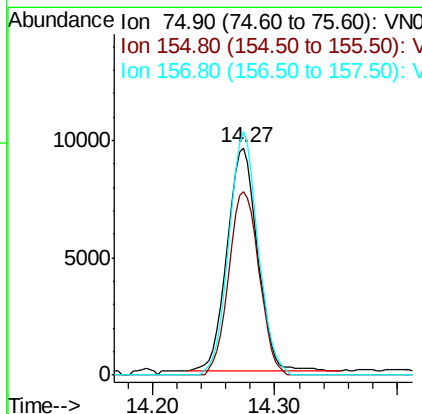
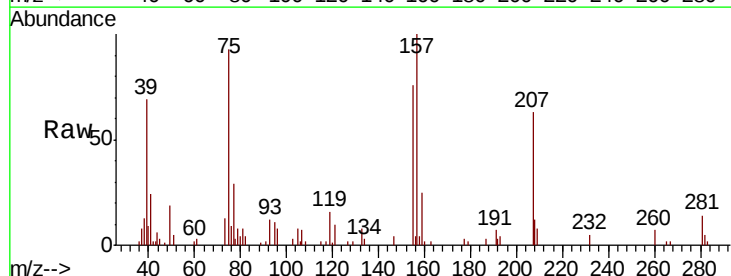
RT: 14.27 min Scan# 3888

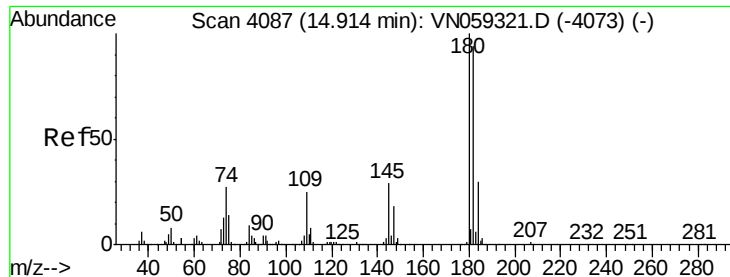
Delta R.T. 0.00 min

Lab File: VN059383.D

Acq: 25 Nov 2019 15:21

Tgt Ion:	75	Resp:	16638
Ion Ratio	Lower	Upper	
75	100		
155	81.4	40.5	121.5
157	104.3	52.7	158.1





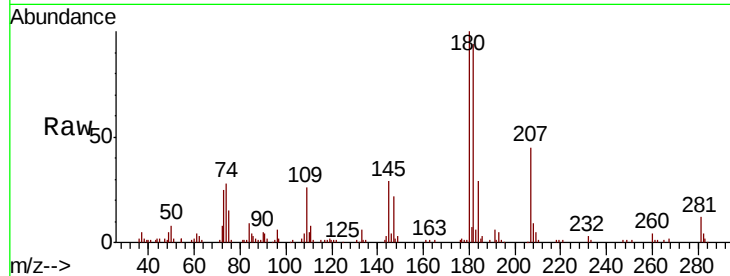
#93
 1,2,4-Trichlorobenzene
 Concen: 22.791 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58890		
182	94.1		47.2	141.6
145	29.9		14.9	44.5

Manual Integrations
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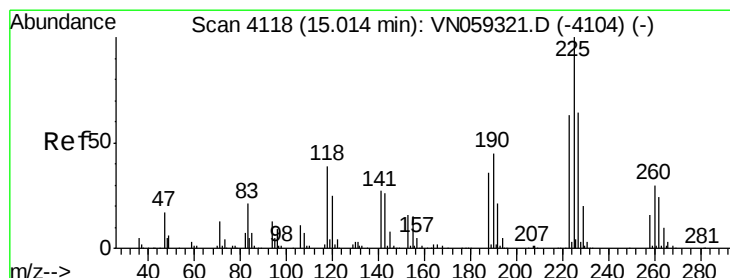
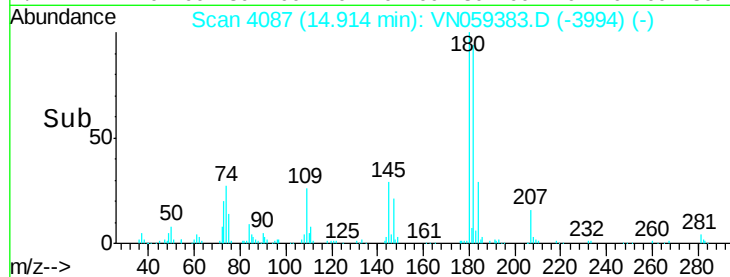
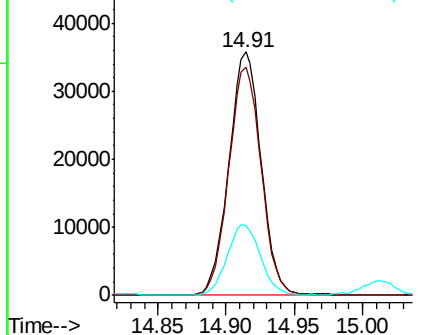


Abundance

Ion 179.80 (179.50 to 180.50): V

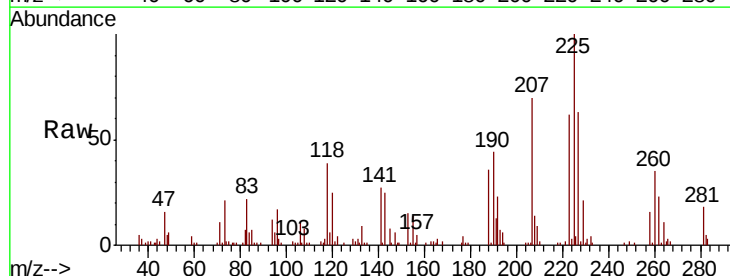
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 24.768 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059383.D
 Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40058		
223	63.6		31.6	94.8
227	64.5		32.6	97.7

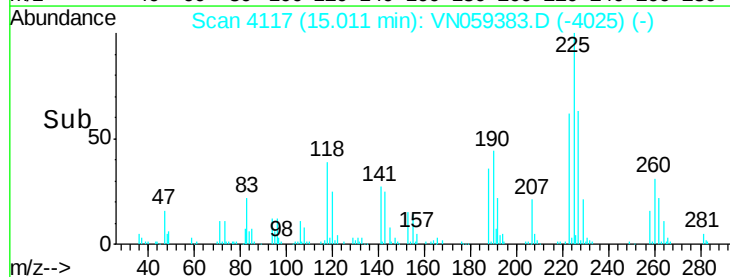
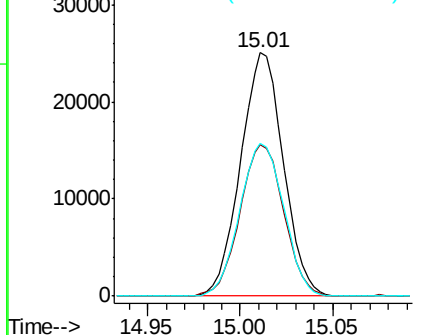


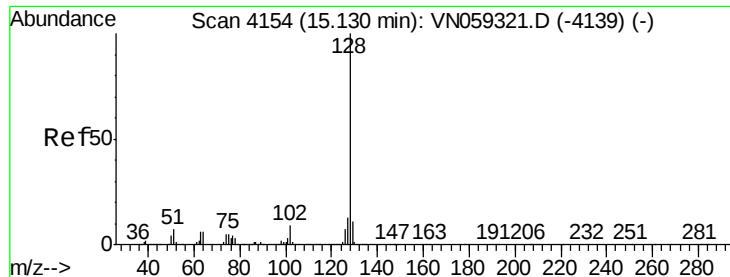
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





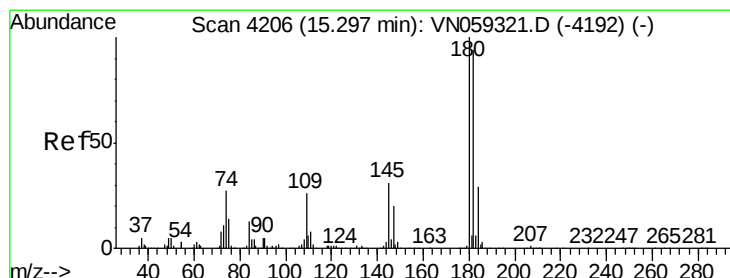
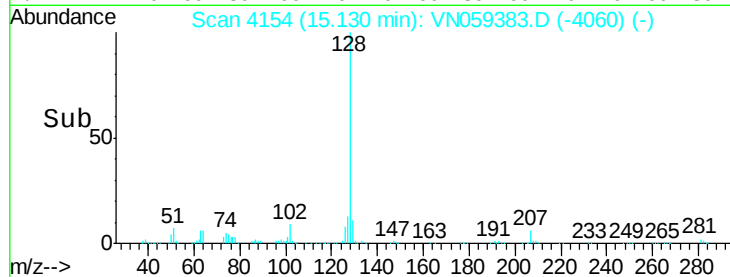
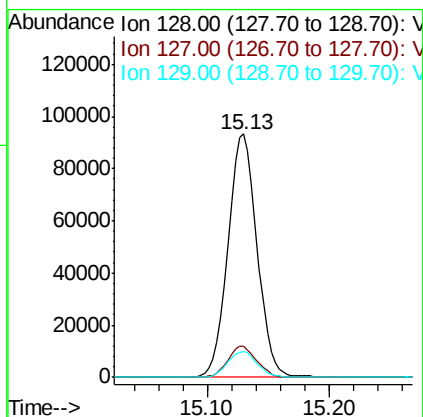
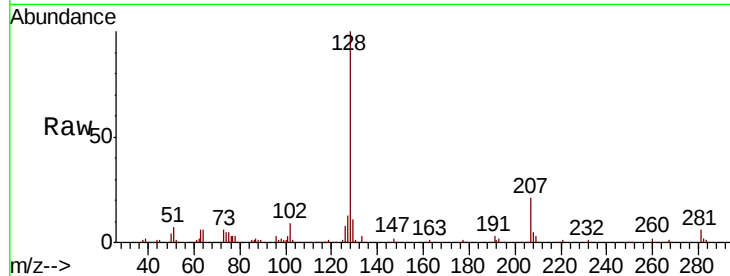
#95
Naphthalene
Concen: 21.969 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.466 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059383.D
Acq: 25 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	33.1	15.6	46.8

