

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
 Data File : VN058346.D
 Acq On : 24 Sep 2019 15:24
 Operator : JC/SP
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 8:24:09 AM

Quant Time: Sep 25 02:01:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	79809	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	470438	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	421282	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	217174	30.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.60%
60) 4-Bromofluorobenzene	12.41	95	211675	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.08	98	601156	29.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	99793	20.793	ug/l 99
3) Chloromethane	2.04	50	114573	20.675	ug/l 100
4) Vinyl Chloride	2.17	62	114265	20.664	ug/l 97
5) Bromomethane	2.55	94	58801	19.584	ug/l 98
6) Chloroethane	2.69	64	67440	20.637	ug/l 96
7) Trichlorofluoromethane	3.00	101	136874	21.023	ug/l 100
8) Diethyl Ether	3.39	74	60373	20.858	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94343	21.050	ug/l 89
10) 1,1-Dichloroethene	3.72	96	90088	20.562	ug/l 93
11) Methyl Iodide	3.93	142	90841	20.223	ug/l 99
12) Methyl Acetate	4.30	43	115577	19.806	ug/l 99
13) Acrolein	3.59	56	17569	105.881	ug/l 99
14) Acrylonitrile	4.96	53	238903	99.153	ug/l 98
15) Acetone	3.80	58	75260	112.652	ug/l 98
16) Carbon Disulfide	4.03	76	236238	19.403	ug/l 100
17) Allyl chloride	4.30	41	164853	20.144	ug/l 94
18) Methylene Chloride	4.53	84	108806	21.052	ug/l 93
19) trans-1,2-Dichloroethene	5.01	96	100890	20.540	ug/l 91
20) Diisopropyl ether	5.93	45	353584	20.277	ug/l 98
21) 1,1-Dichloroethane	5.82	63	201930	20.694	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	118921	20.844	ug/l 98
23) tert-Butyl Alcohol	4.76	59	86863	97.658	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	323199	20.551	ug/l 100
25) Chloroform	7.36	83	203821	20.628	ug/l 99
26) Cyclohexane	7.64	56	180964	19.842	ug/l 100
29) 1,1-Dichloropropene	7.78	75	155474	20.247	ug/l 99
30) 2-Butanone	6.81	43	356570	102.264	ug/l 100
31) 2,2-Dichloropropane	6.80	77	160302	20.277	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	166983	20.161	ug/l 99
33) Carbon Tetrachloride	7.76	117	139673	19.849	ug/l 99
34) Benzene	8.02	78	441231	20.255	ug/l 97
35) Methacrylonitrile	7.15	41	48373	16.129	ug/l 89
36) 1,2-Dichloroethane	8.11	62	171331	20.078	ug/l 100
37) Trichloroethene	8.82	130	109478	20.075	ug/l 100
38) Methylcyclohexane	9.07	83	183100	19.719	ug/l 98
39) 1,2-Dichloropropane	9.11	63	122018	20.535	ug/l 99
40) Dibromomethane	9.20	93	77085	20.555	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	147875	19.949	ug/l	97
42) Vinyl Acetate	5.87	43	1454429	109.248	ug/l	100
43) Ethyl Acetate	6.91	43	143286	20.697	ug/l #	85
44) Isopropyl Acetate	8.15	43	238805	19.269	ug/l #	85
45) 1,4-Dioxane	9.19	88	40458	386.974	ug/l	97
46) Methyl methacrylate	9.19	41	112874	19.218	ug/l	97
47) n-amyl Acetate	12.08	43	200324	18.570	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	159017	19.633	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	179881	19.947	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	106258	20.274	ug/l	98
51) Ethyl methacrylate	10.43	69	162367	19.580	ug/l	98
52) 1,3-Dichloropropane	10.71	76	189234	20.329	ug/l	98
53) Dibromochloromethane	10.90	129	99980	18.988	ug/l	98
54) 1,2-Dibromoethane	11.00	107	108030	20.198	ug/l	96
55) 2-Chloroethyl vinyl ether	9.69	63	394711	112.412	ug/l	99
56) Bromoform	12.13	173	62646	18.862	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	717850	108.749	ug/l	100
59) 2-Hexanone	10.75	43	523488	104.902	ug/l	99
61) Tetrachloroethene	10.63	164	89411	20.258	ug/l	99
62) Toluene	10.15	91	479715	20.792	ug/l	100
64) Chlorobenzene	11.44	112	288160	20.324	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	97640	19.644	ug/l	99
66) Ethyl Benzene	11.51	91	538781	21.415	ug/l	99
67) m/p-Xylenes	11.62	106	388774	40.250	ug/l	99
68) o-Xylene	11.95	106	186334	19.839	ug/l	96
69) Styrene	11.97	104	317119	20.191	ug/l	99
70) Isopropylbenzene	12.26	105	522819	21.481	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	157577	20.370	ug/l	97
72) 1,2,3-Trichloropropane	12.56	75	134072m	20.153	ug/l	
73) Bromobenzene	12.53	156	116484	19.759	ug/l	96
74) n-propylbenzene	12.60	91	616421	21.969	ug/l	99
75) 2-Chlorotoluene	12.68	91	357271	20.355	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	441969	21.089	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	37712	17.378	ug/l	98
78) 4-Chlorotoluene	12.78	91	369098	20.518	ug/l	99
79) tert-butylbenzene	13.00	119	372150	20.510	ug/l	100
80) 1,2,4-Trimethylbenzene	13.05	105	436290	20.856	ug/l	98
81) sec-Butylbenzene	13.18	105	505415	21.237	ug/l	99
82) p-Isopropyltoluene	13.30	119	450948	21.041	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	215727	19.834	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	216633	20.012	ug/l	99
85) n-Butylbenzene	13.62	91	413483	20.765	ug/l	99
86) Hexachloroethane	13.88	117	66324	19.159	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	210112	19.783	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	26880	17.804	ug/l	98
89) 1,2,4-Trichlorobenzene	14.92	180	132756	19.133	ug/l	99
90) Hexachlorobutadiene	15.02	225	66521	19.814	ug/l	95
91) Naphthalene	15.14	128	421670	22.129	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	119443	17.923	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

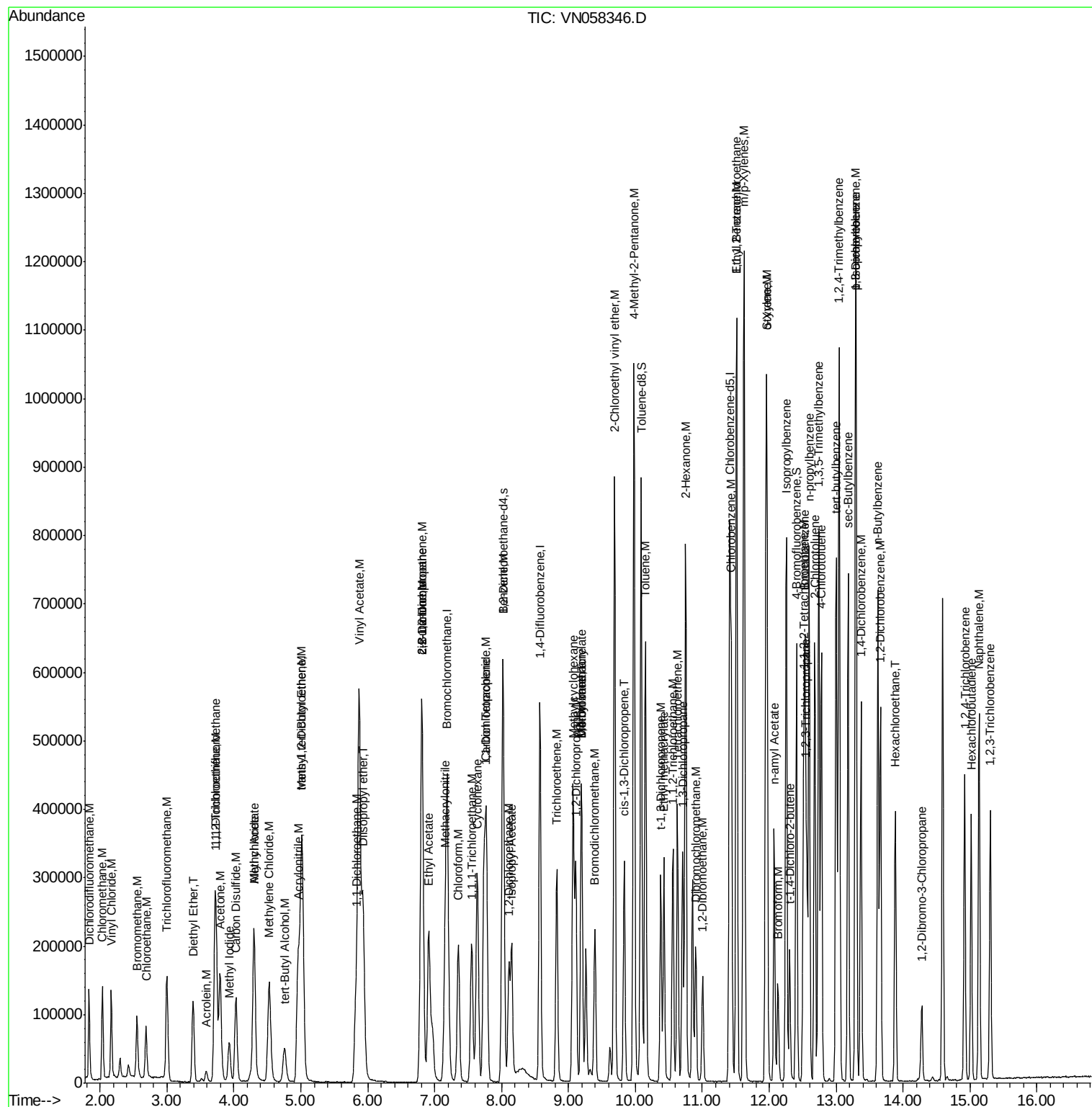
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
 Data File : VN058346.D
 Acq On : 24 Sep 2019 15:24
 Operator : JC/SP
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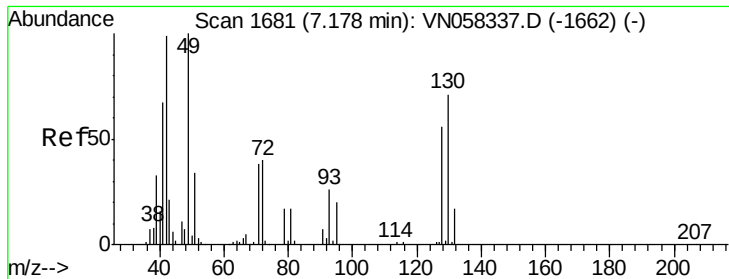
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0924WBS01

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion:128 Resp: 79809

Ion Ratio Lower Upper

128 100

49 186.2 0.0 458.5

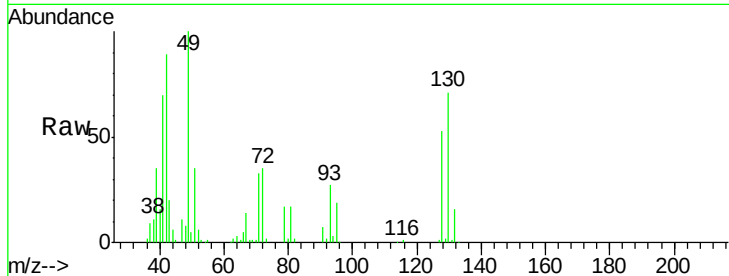
130 129.0 0.0 320.7

Manual Integrations

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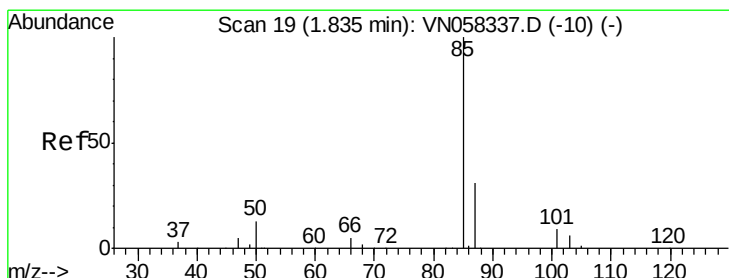
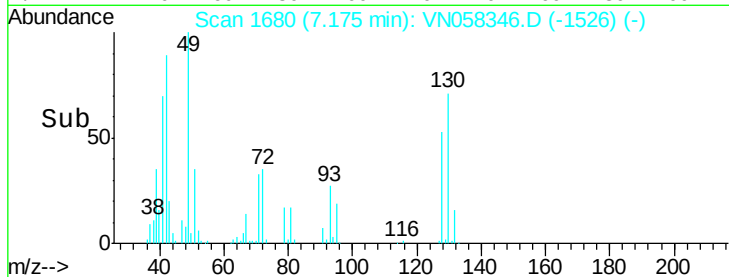
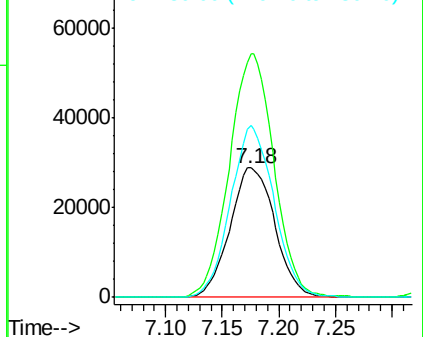
9/25/2019 8:24:09 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.793 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058346.D

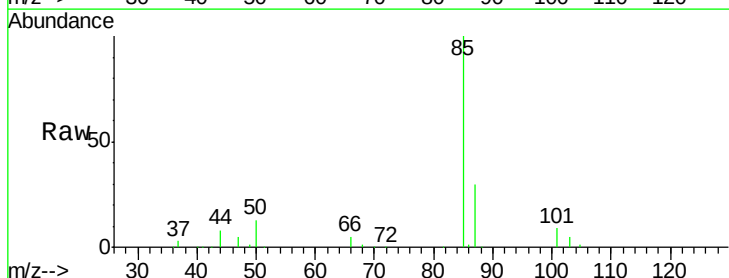
Acq: 24 Sep 2019 15:24

Tgt Ion: 85 Resp: 99793

Ion Ratio Lower Upper

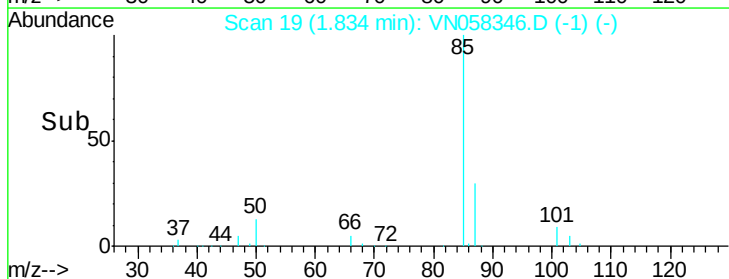
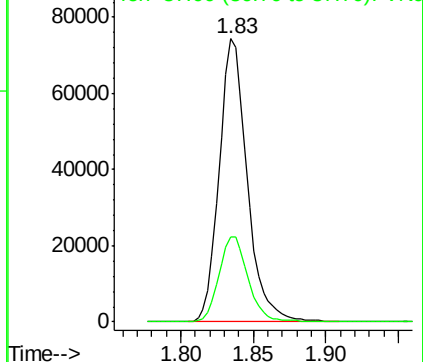
85 100

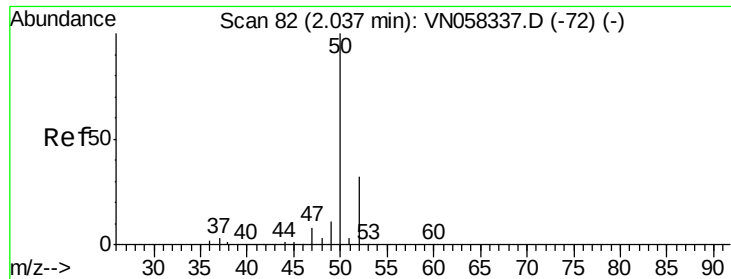
87 30.2 15.5 46.5



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.675 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 50 Resp: 114573

Ion Ratio Lower Upper

50 100

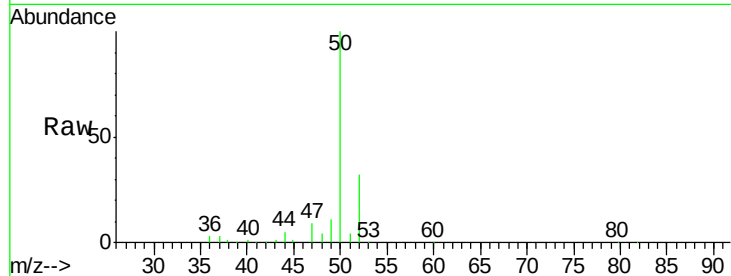
52 32.2 25.9 38.9

Manual Integrations

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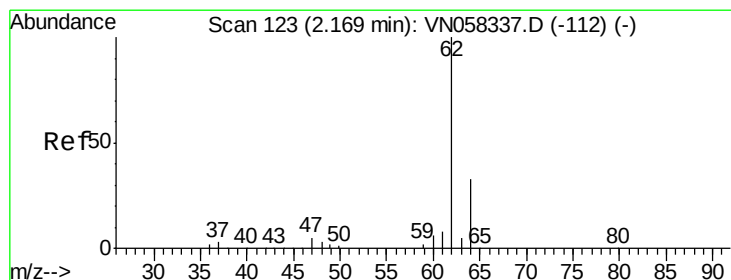
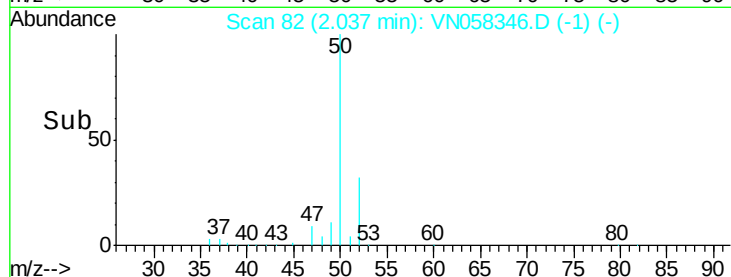
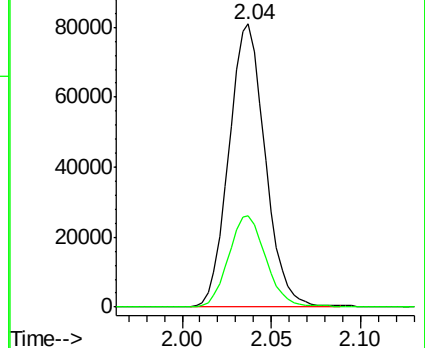
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Abundance Ion 50.00 (49.70 to 50.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#4

Vinyl Chloride

Concen: 20.664 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058346.D

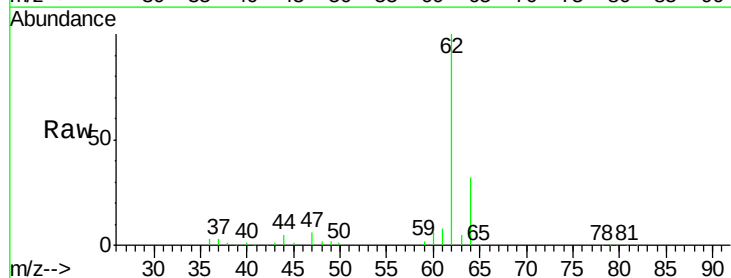
Acq: 24 Sep 2019 15:24

Tgt Ion: 62 Resp: 114265

Ion Ratio Lower Upper

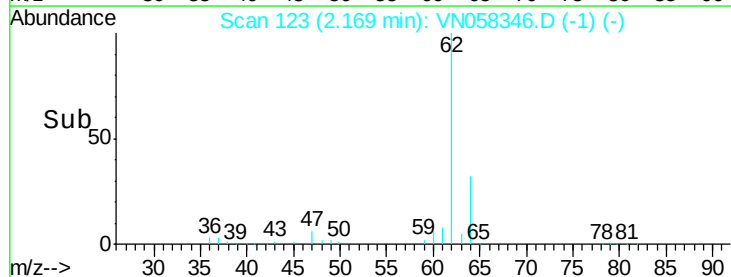
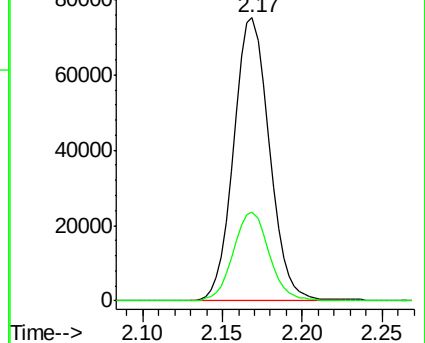
62 100

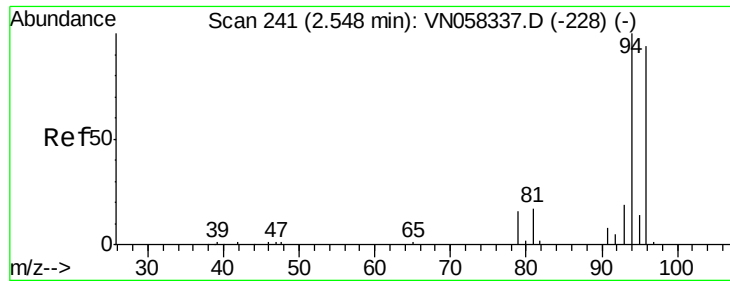
64 31.5 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#5

Bromomethane

Concen: 19.584 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

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ClientSampleId :

VN0924WBS01

Tot Ion: 94 Resp: 58801

Ion Ratio Lower Upper

94 100

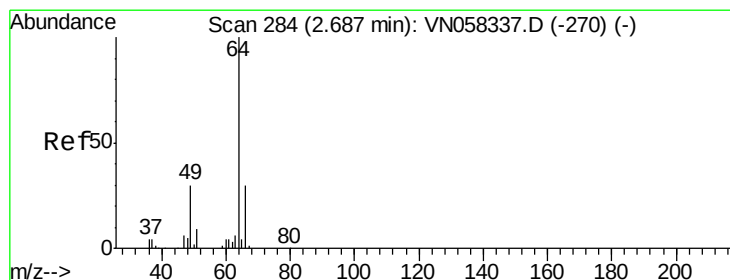
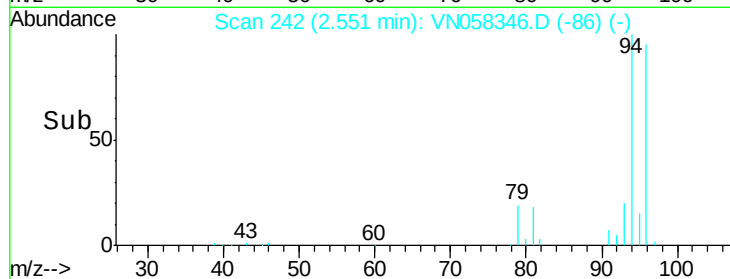
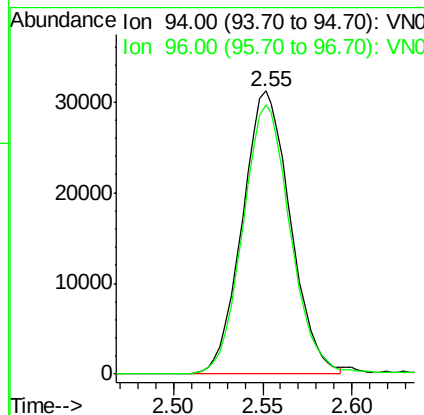
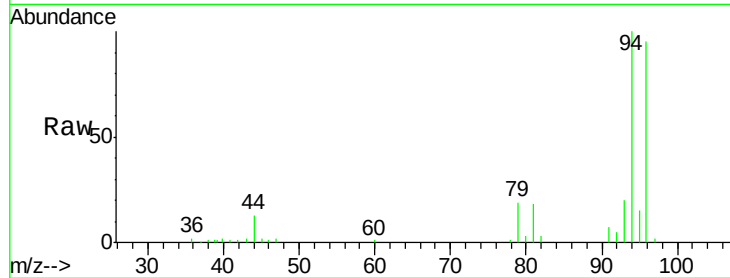
96 95.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.637 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN058346.D

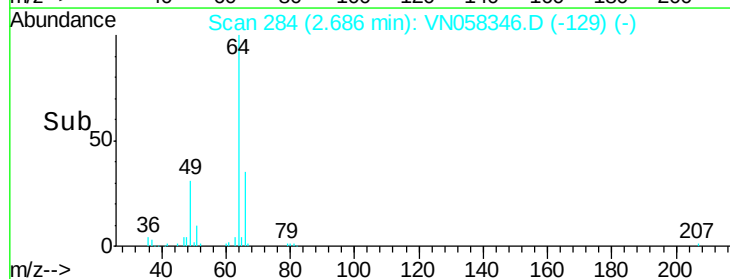
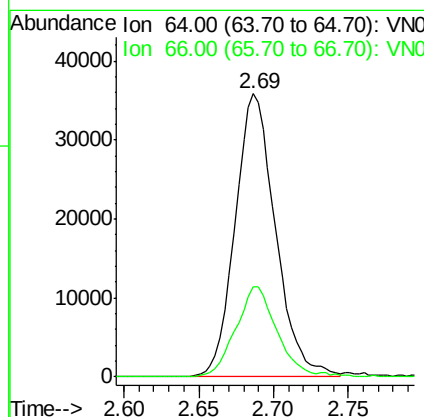
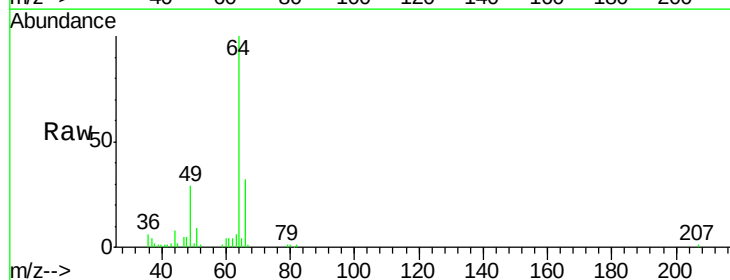
Acq: 24 Sep 2019 15:24

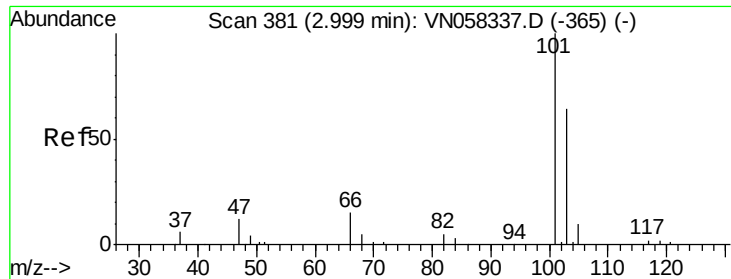
Tgt Ion: 64 Resp: 67440

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6





#7

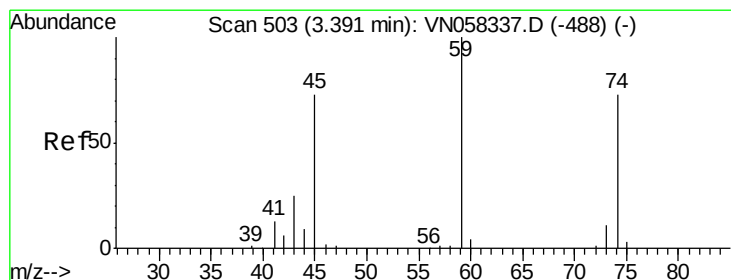
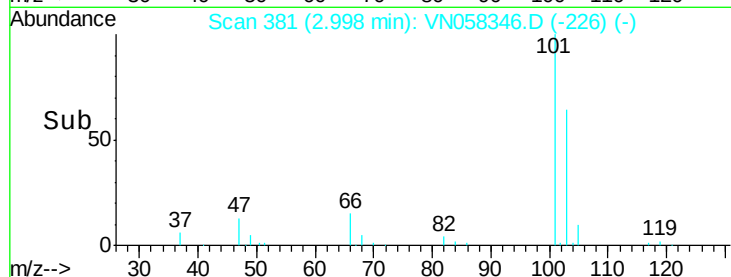
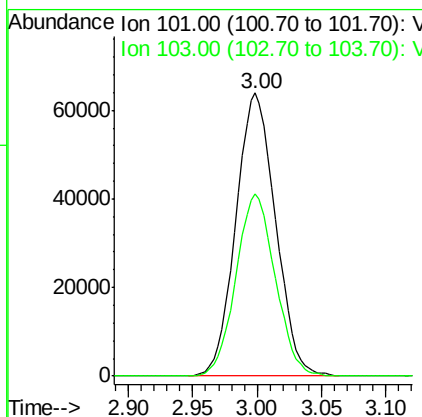
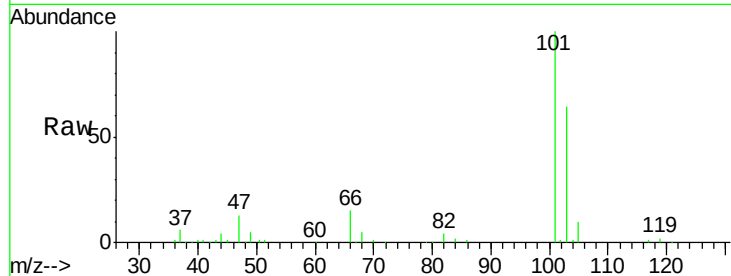
Trichlorofluoromethane
Concen: 21.023 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
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ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.5	77.3

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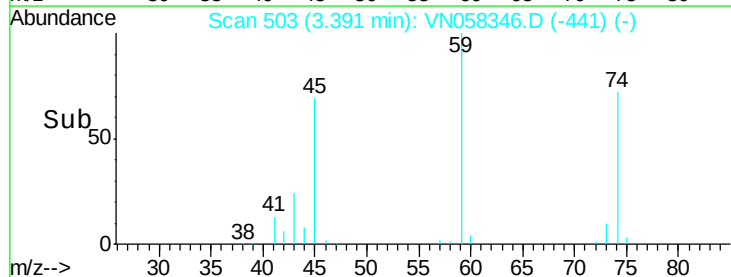
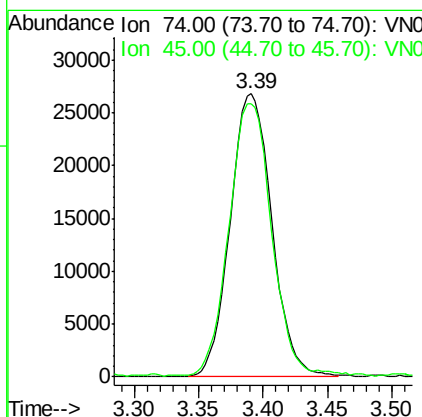
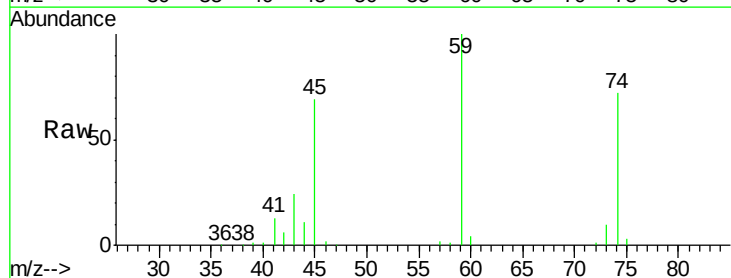
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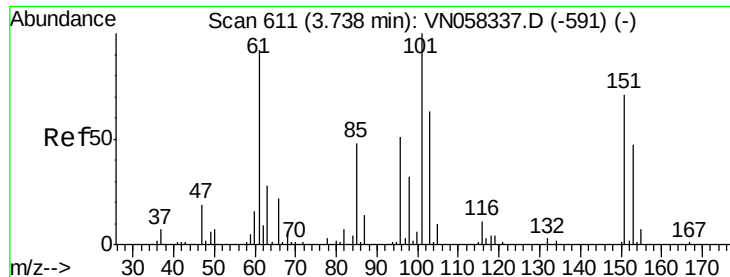


#8

Diethyl Ether
Concen: 20.858 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058346.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	20.8	187.6





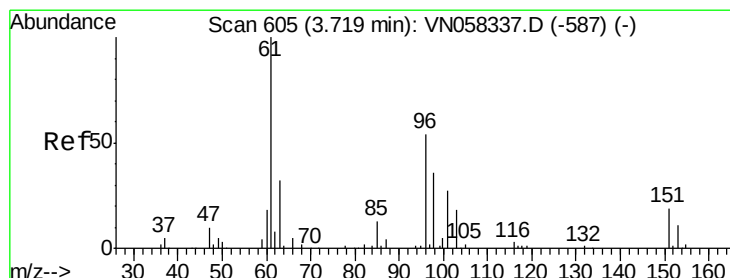
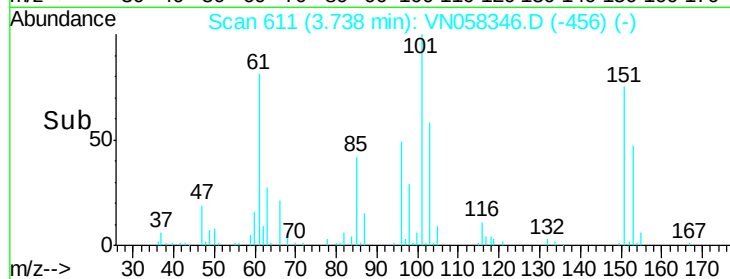
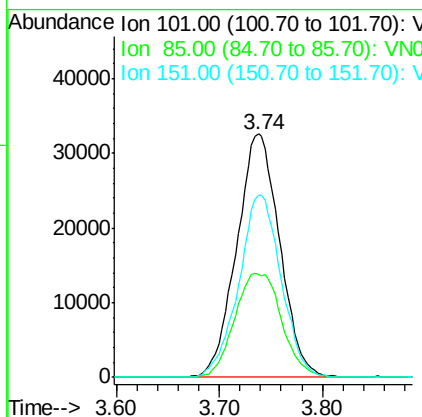
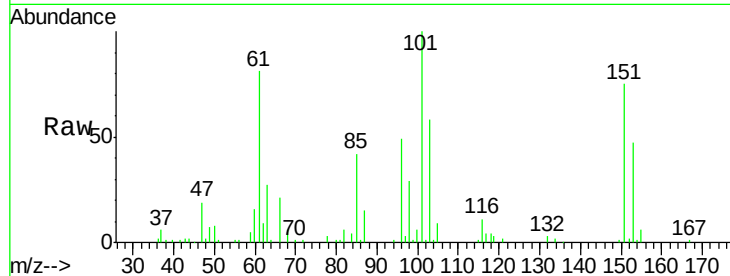
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.050 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	27.4	0.0	93.0
151	73.6	0.0	147.2

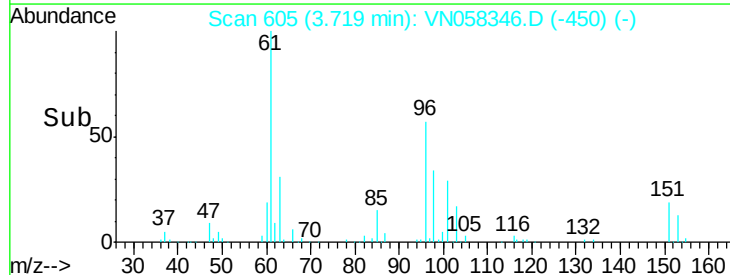
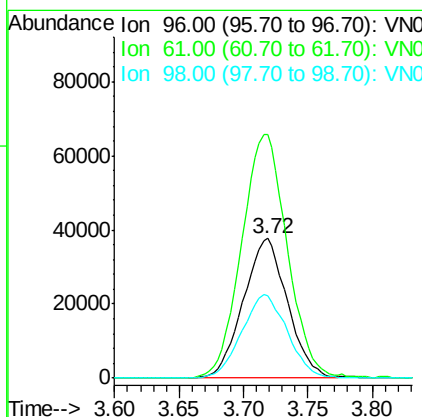
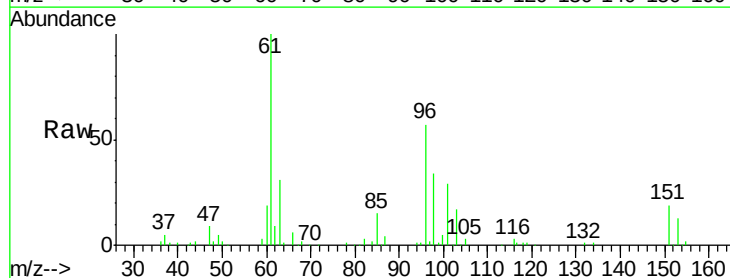
Manual Integrations
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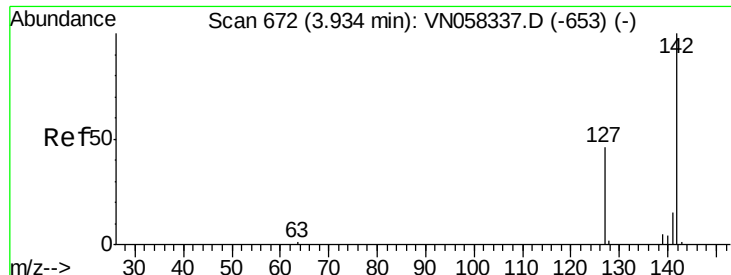
MMDadoda
 9/25/2019 8:24:09 AM



#10
 1,1-Dichloroethene
 Concen: 20.562 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.6	146.9	220.3
98	59.1	52.3	78.5





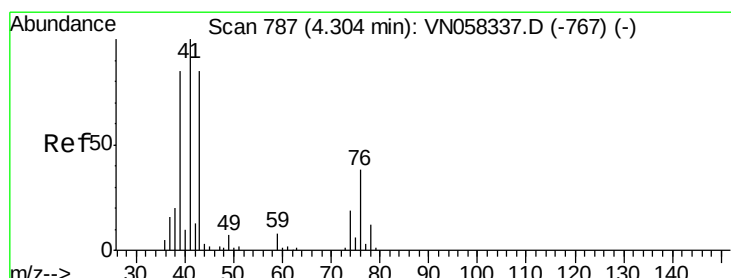
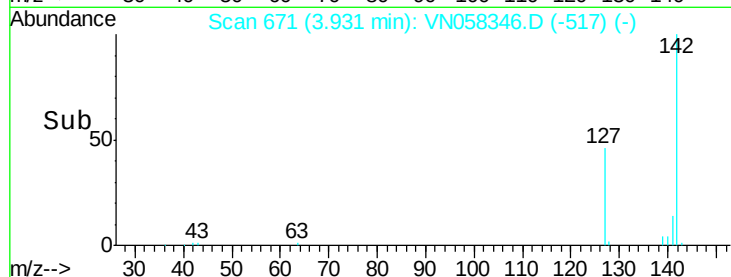
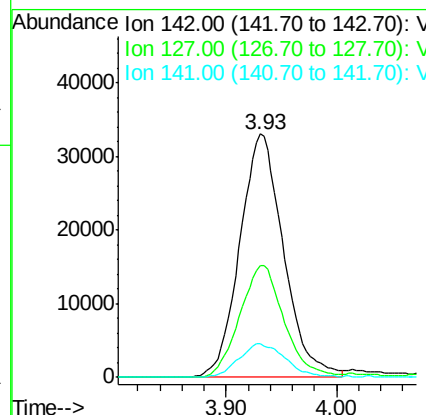
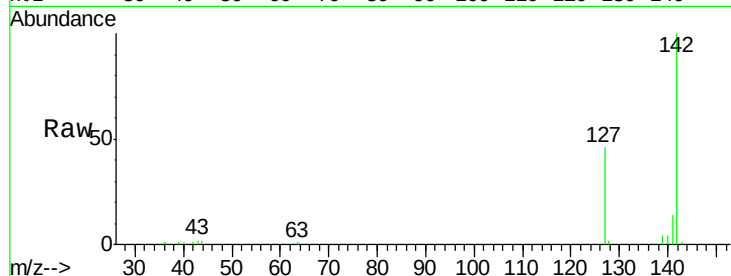
#11
Methvl Iodide
Concen: 20.223 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.9	22.9	68.7
141	14.0	7.4	22.3

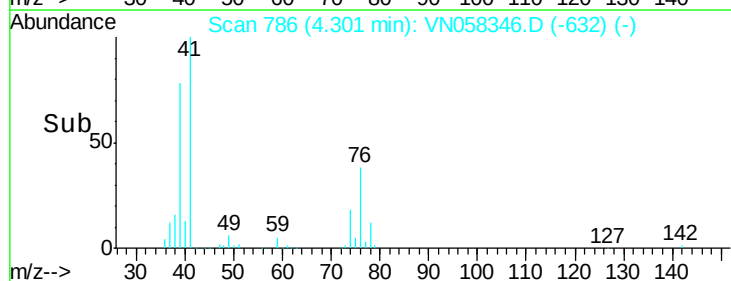
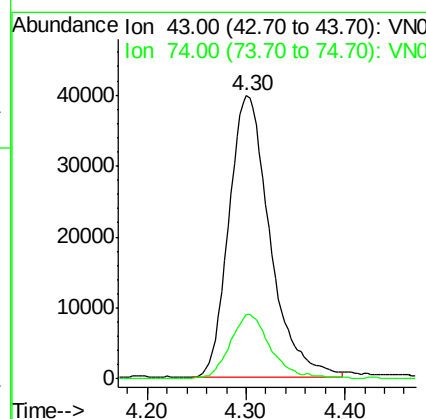
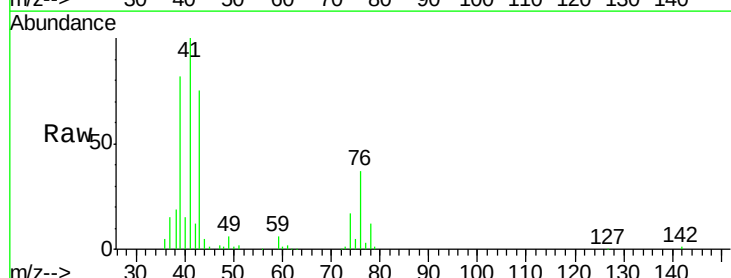
Manual Integrations
APPROVED

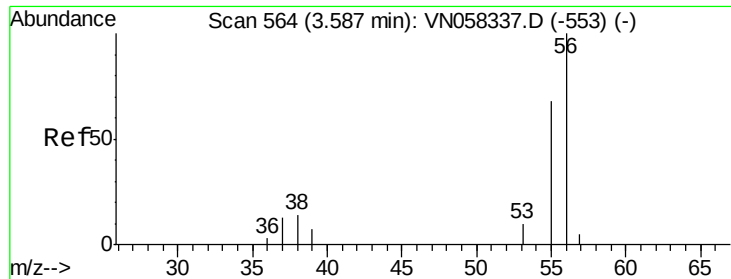
MMDadoda
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#12
Methyl Acetate
Concen: 19.806 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.8	26.6





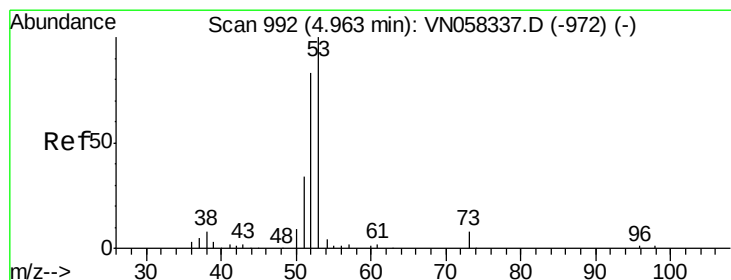
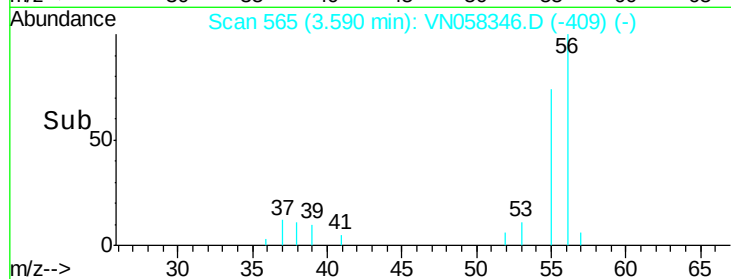
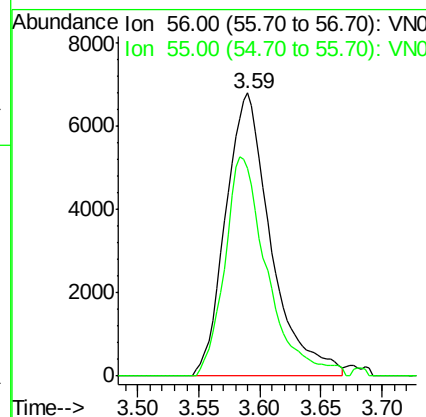
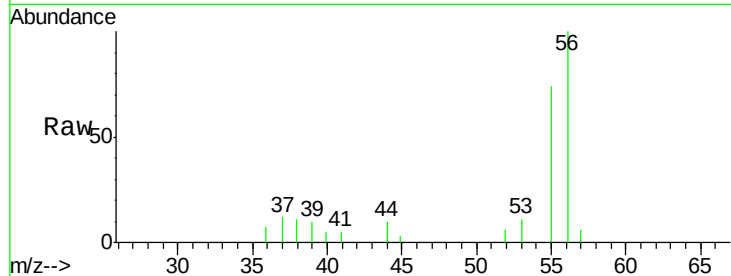
#13
Acrolein
Concen: 105.881 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 56 Resp: 17569
Ion Ratio Lower Upper
56 100
55 71.8 58.4 87.6

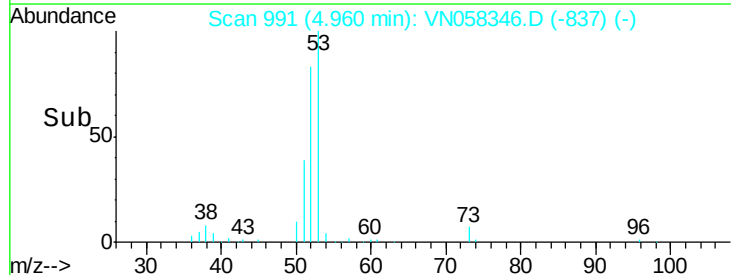
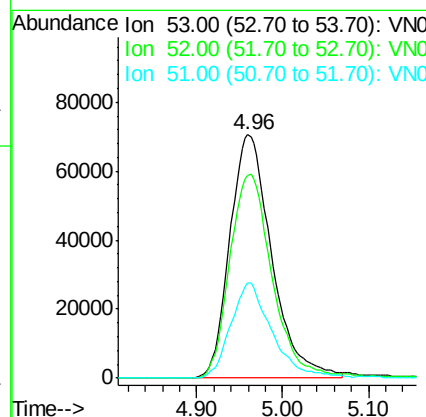
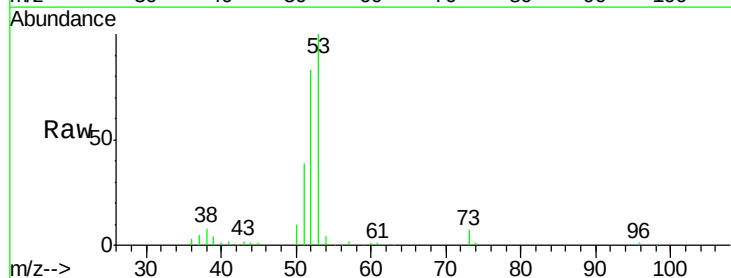
Manual Integrations
APPROVED

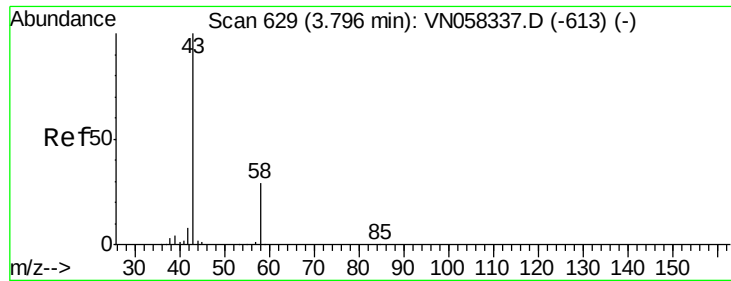
MMDadoda
9/25/2019 8:24:09 AM



#14
Acrylonitrile
Concen: 99.153 ug/l
RT: 4.96 min Scan# 991
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion: 53 Resp: 238903
Ion Ratio Lower Upper
53 100
52 83.8 41.3 123.7
51 38.4 18.3 54.8





#15

Acetone

Concen: 112.652 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 58 Resp: 75260

Ion Ratio Lower Upper

58 100

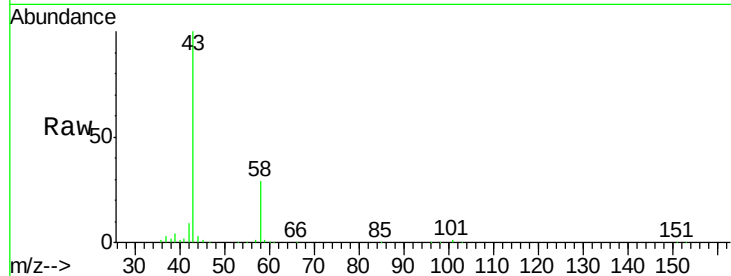
43 344.9 272.6 409.0

Manual Integrations

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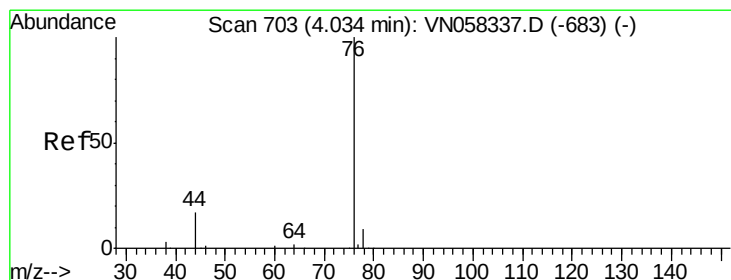
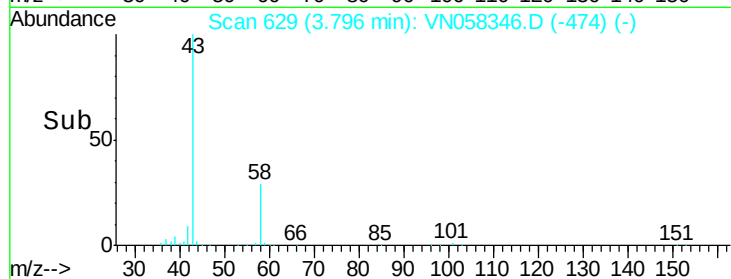
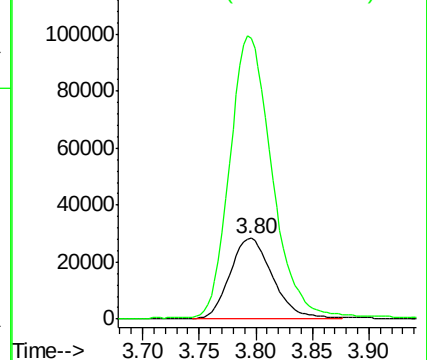
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.403 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058346.D

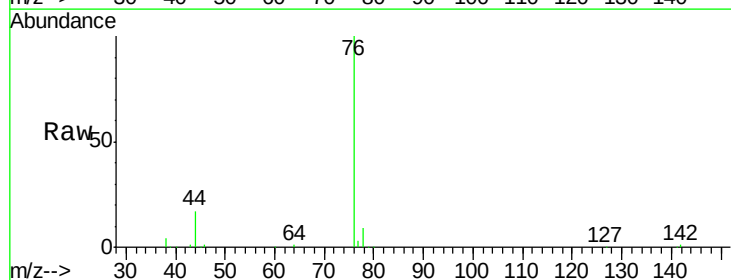
Acq: 24 Sep 2019 15:24

Tgt Ion: 76 Resp: 236238

Ion Ratio Lower Upper

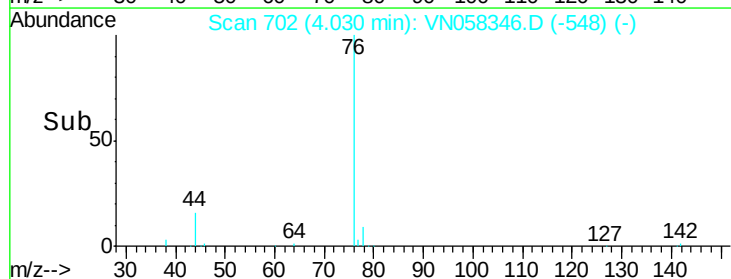
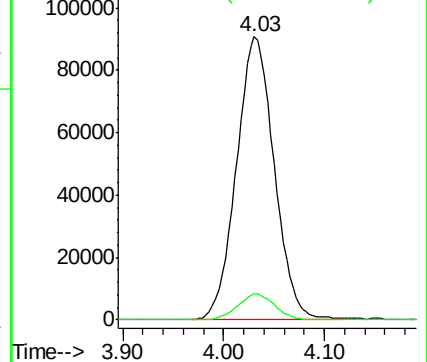
76 100

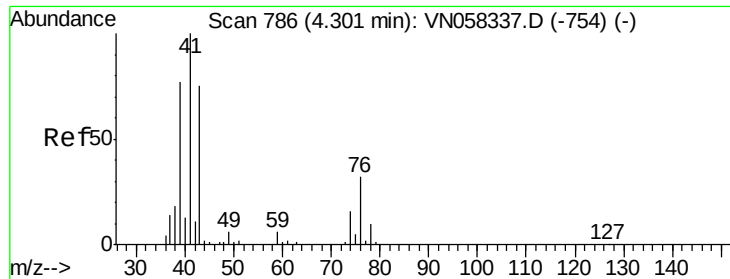
78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





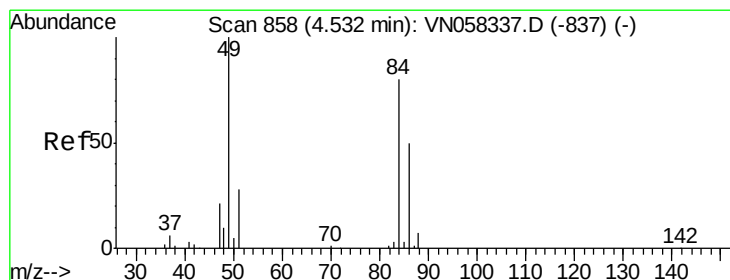
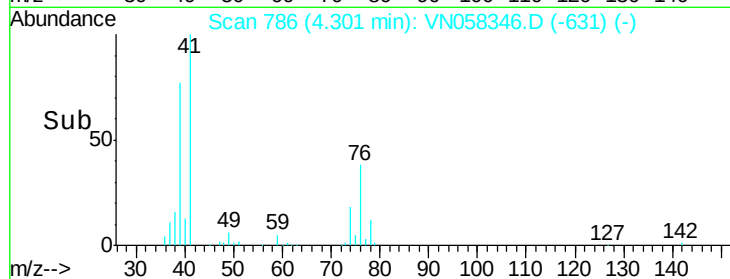
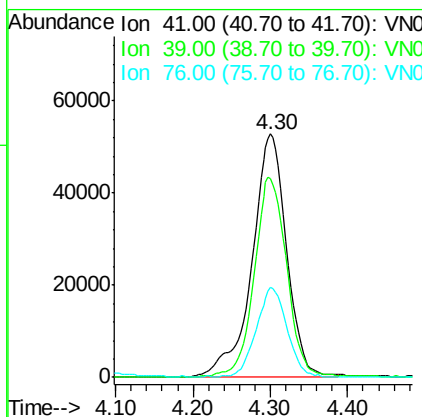
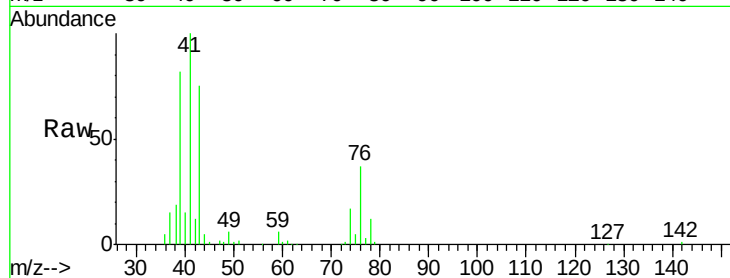
#17
Allvl chloride
Concen: 20.144 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion:	41	Resp:	164853
Ion	Ratio	Lower	Upper
41	100		
39	81.9	38.7	116.1
76	36.5	16.4	49.1

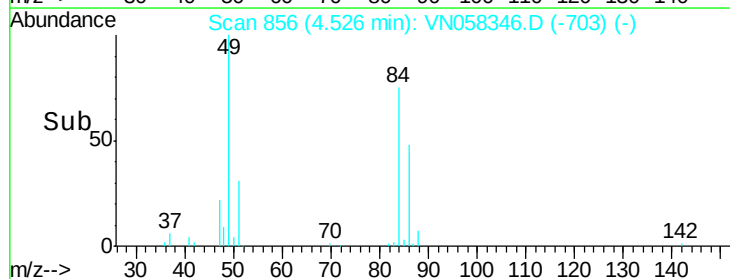
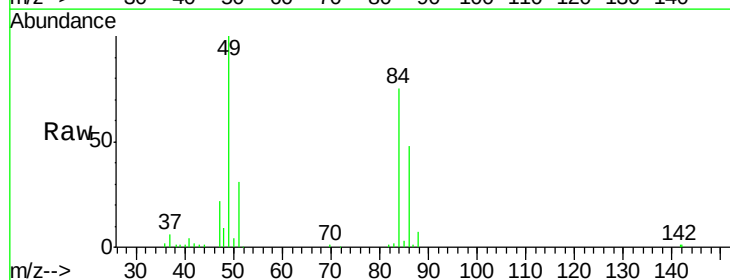
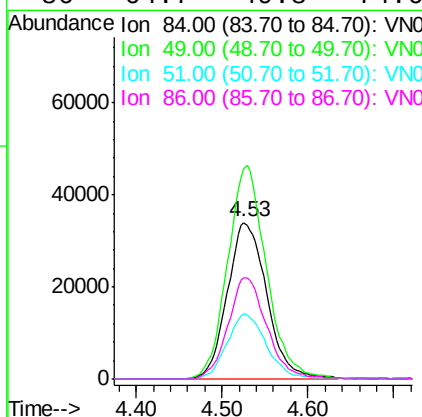
Manual Integrations
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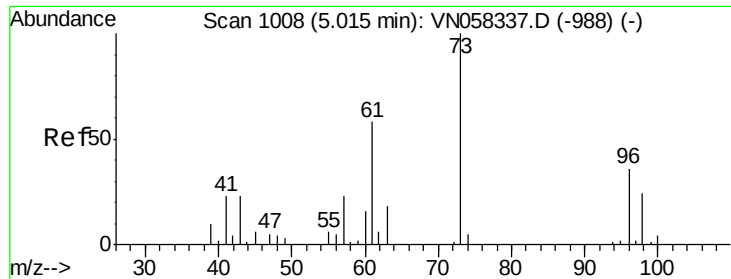
MMDadoda
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#18
Methylene Chloride
Concen: 21.052 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion:	84	Resp:	108806
Ion	Ratio	Lower	Upper
84	100		
49	133.2	99.8	149.6
51	41.3	28.3	42.5
86	64.7	49.8	74.6





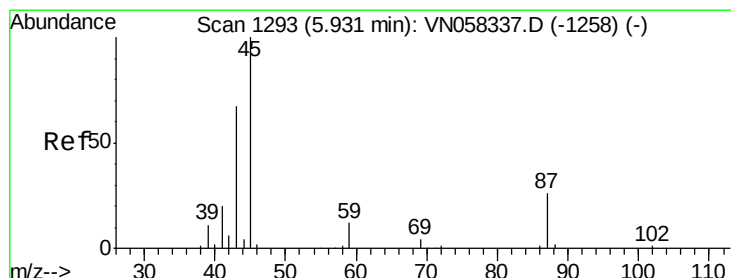
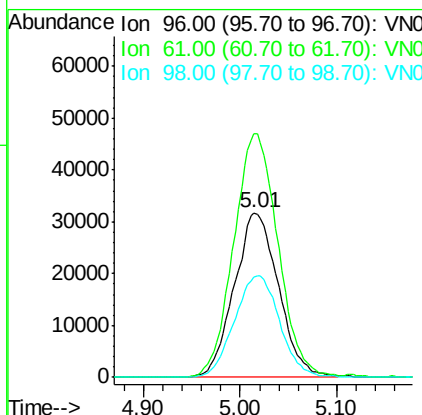
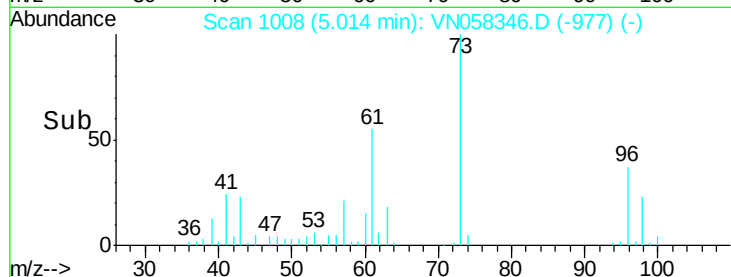
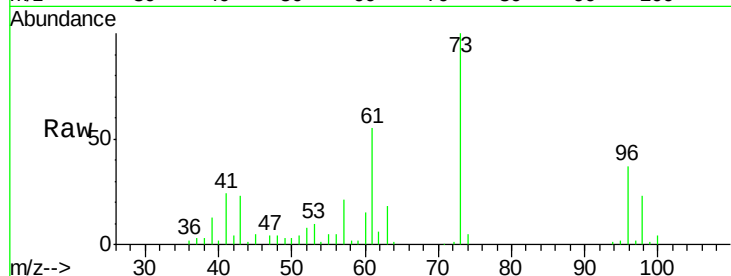
#19
trans-1,2-Dichloroethene
Concen: 20.540 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	128.0	192.0
98	60.9	53.0	79.6

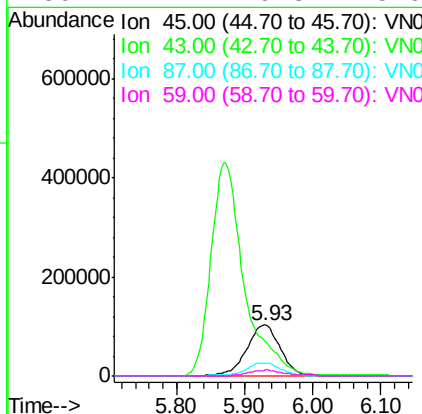
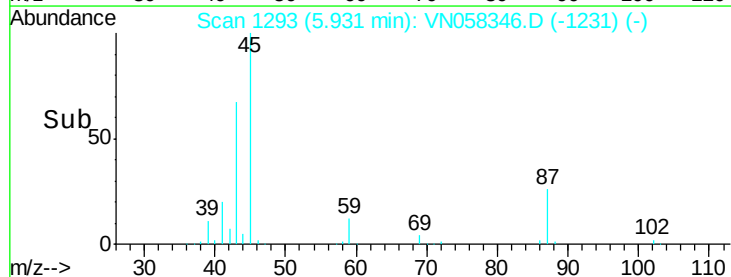
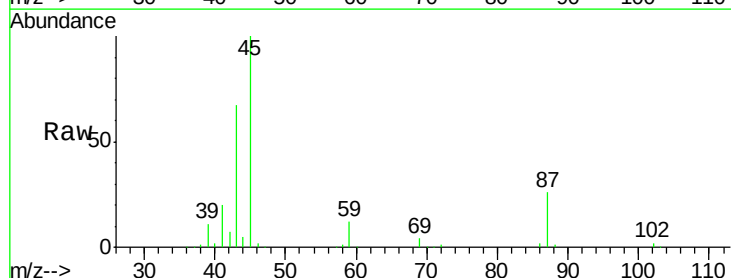
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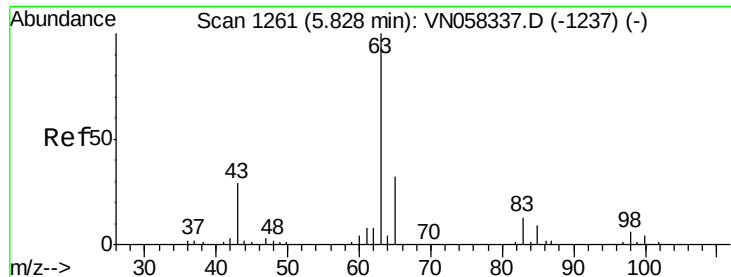
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#20
Diisopropyl ether
Concen: 20.277 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.3	54.1	81.1
87	25.8	21.4	32.2
59	11.2	9.3	13.9





#21

1,1-Dichloroethane

Concen: 20.694 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

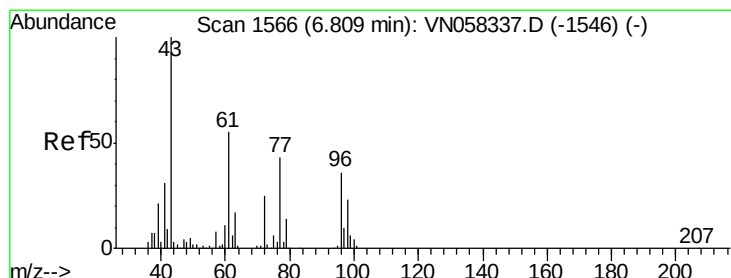
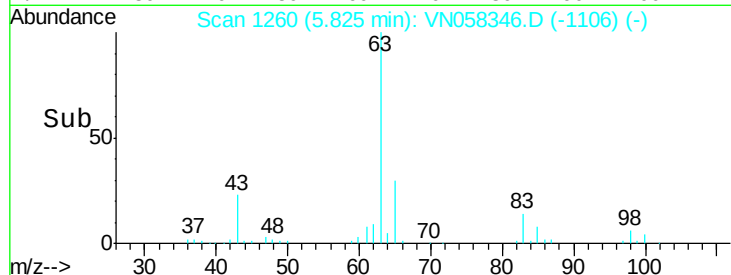
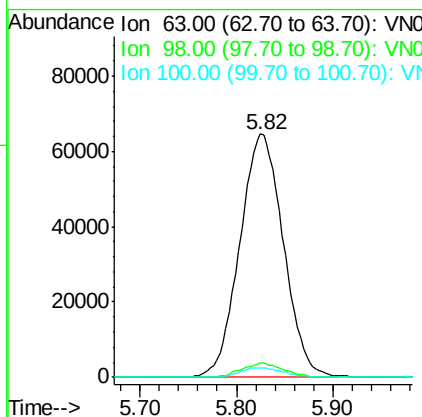
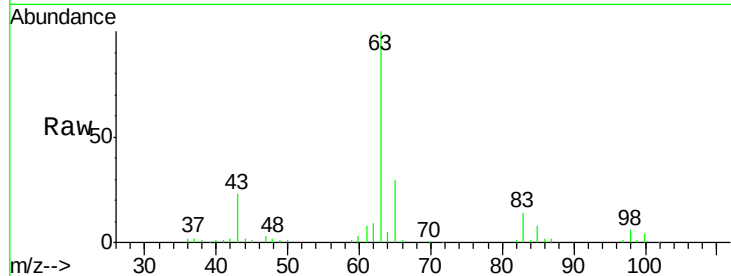
ClientSampleId :

VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	201930		
98	6.0		3.0	9.2
100	3.8		2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 20.844 ug/l

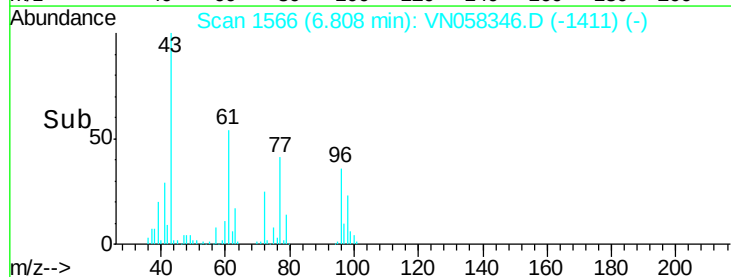
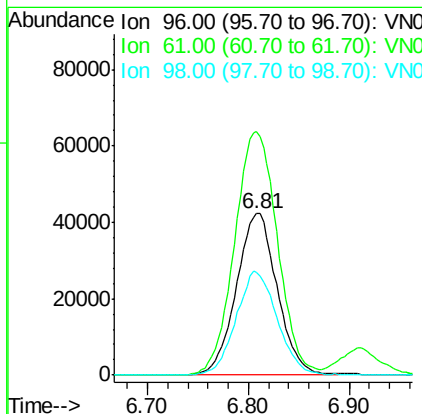
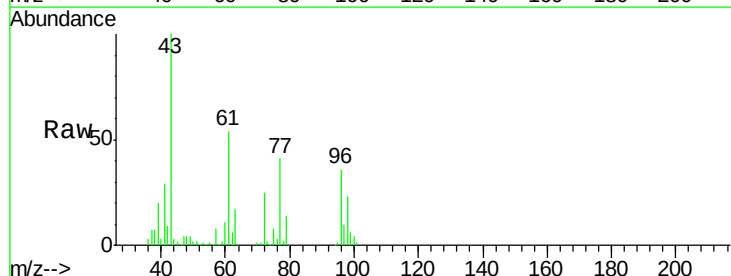
RT: 6.81 min Scan# 1566

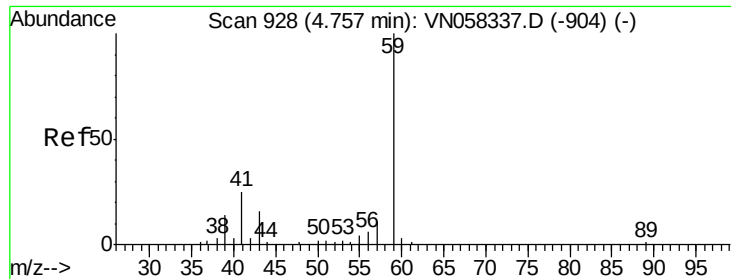
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	118921		
61	157.9		128.2	192.2
98	64.6		50.6	76.0





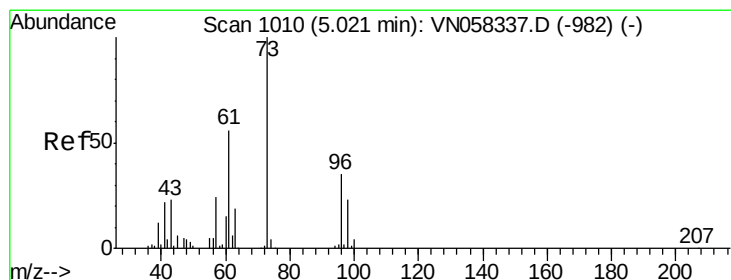
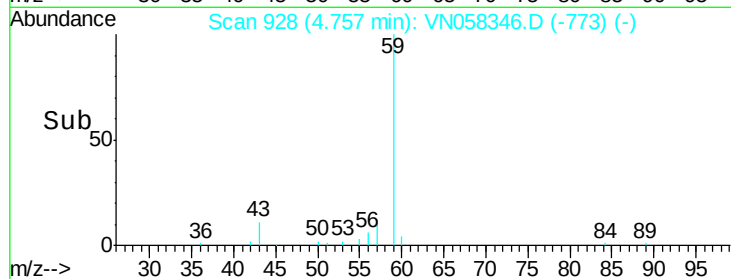
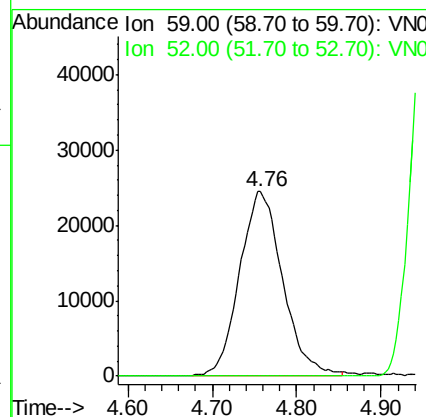
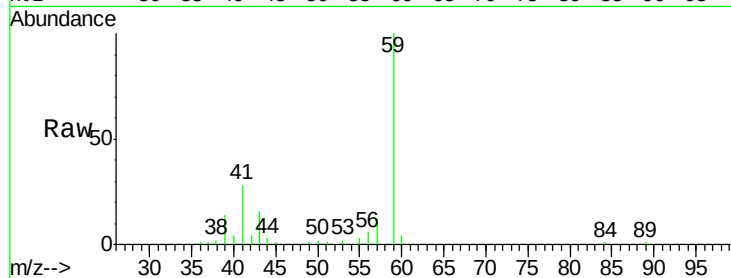
#23
 tert-Butyl Alcohol
 Concen: 97.658 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

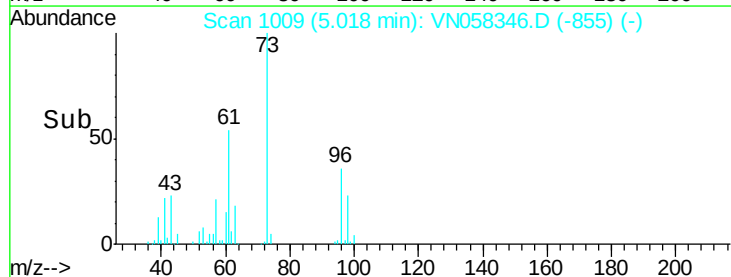
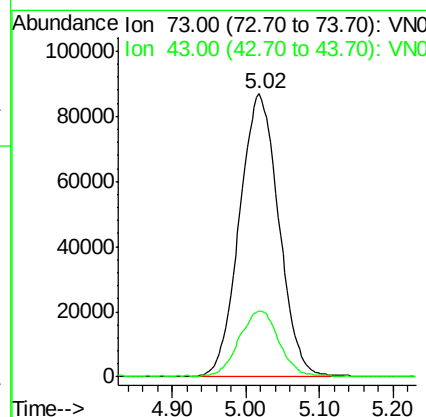
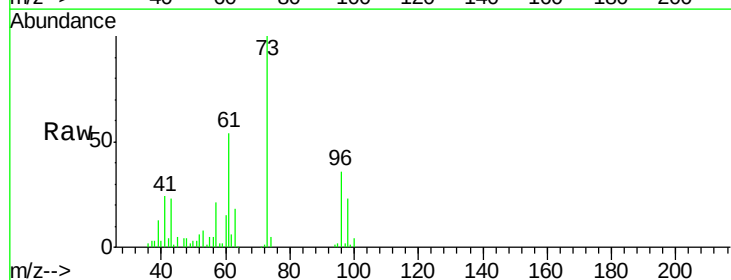
Manual Integrations
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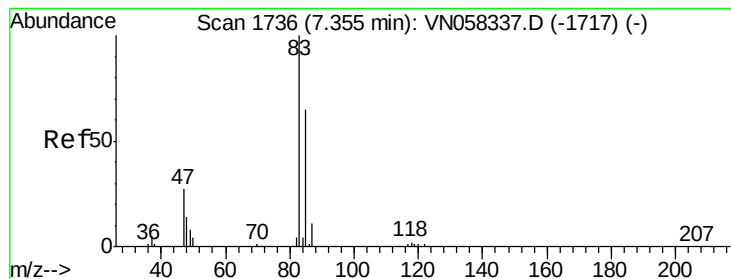
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#24
 Methyl tert-Butyl Ether
 Concen: 20.551 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.4	27.6





#25

Chloroform

Concen: 20.628 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 83 Resp: 203821

Ion Ratio Lower Upper

83 100

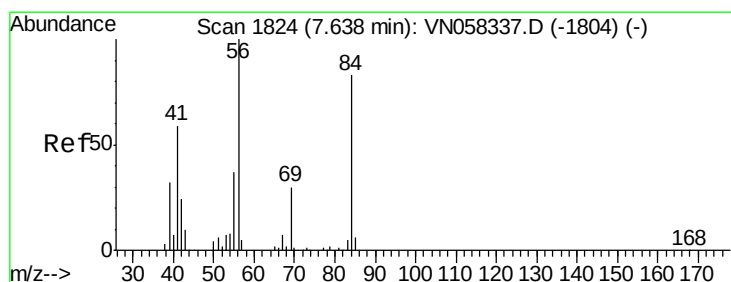
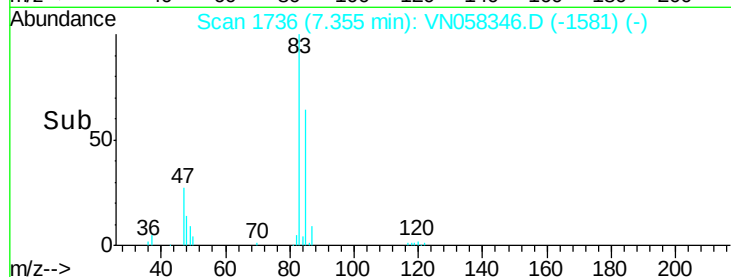
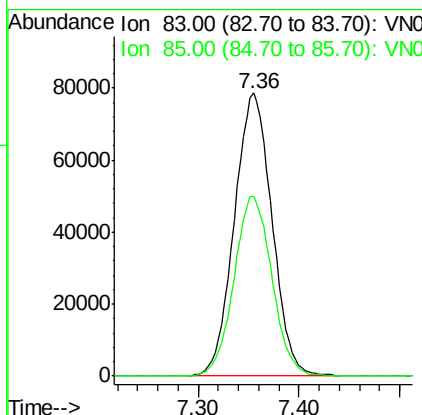
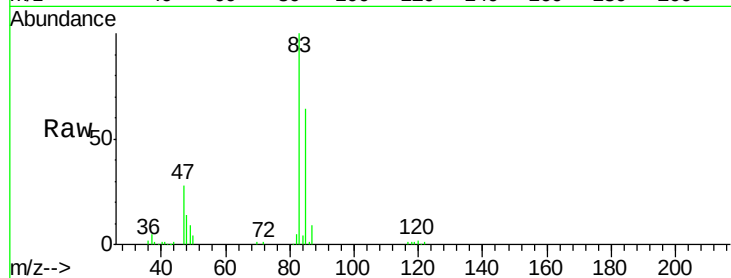
85 63.6 51.8 77.6

Manual Integrations

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#26

Cyclohexane

Concen: 19.842 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

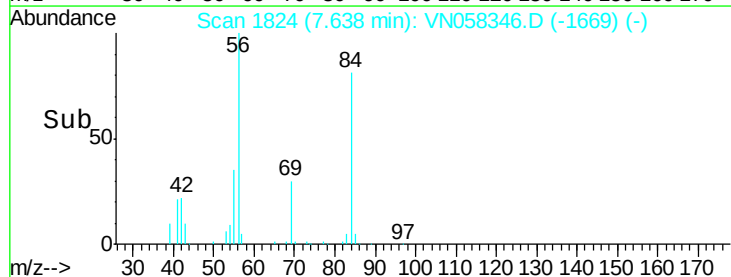
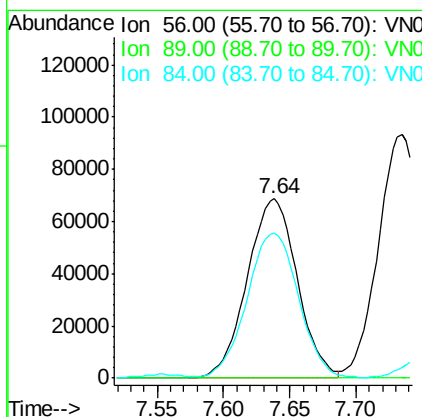
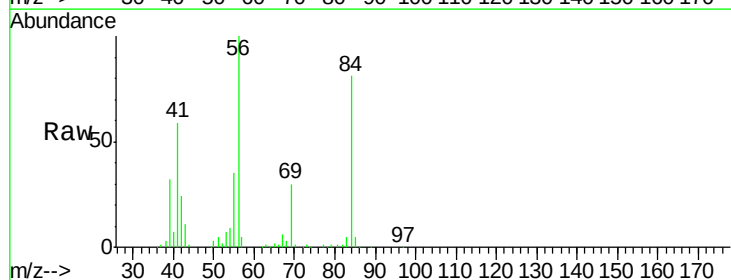
Tgt Ion: 56 Resp: 180964

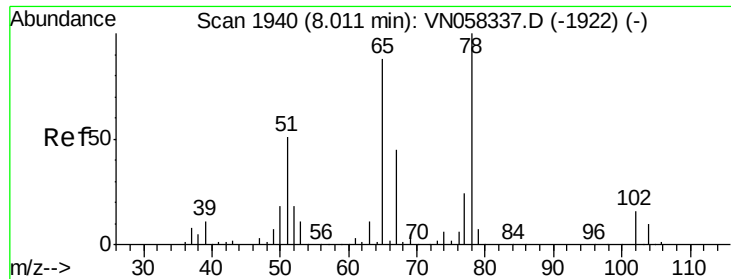
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 83.7 66.9 100.3





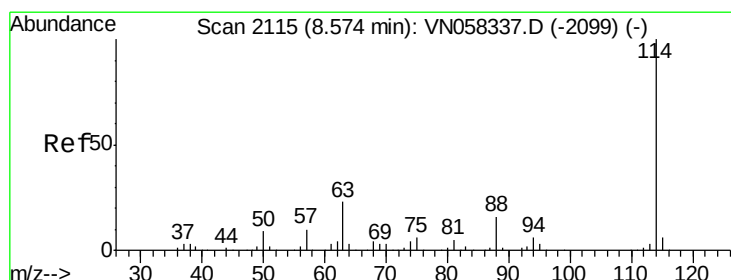
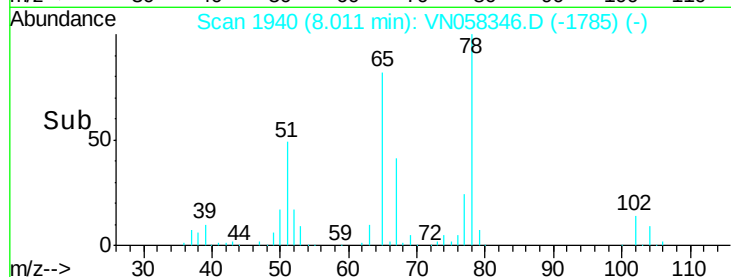
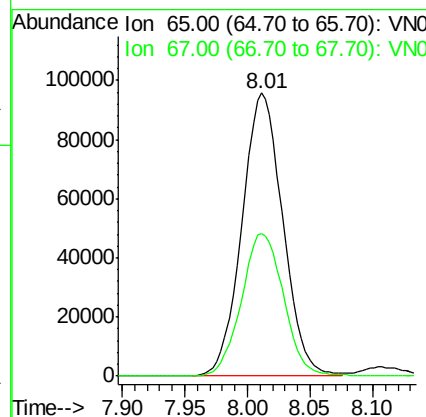
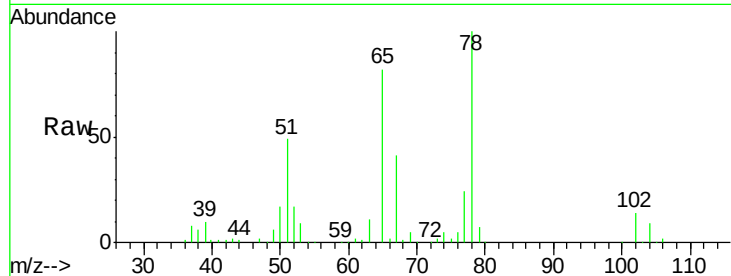
#27
 1,2-Dichloroethane-d4
 Concen: 30.783 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

Tot Ion: 65 Resp: 217174
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.4 60.6

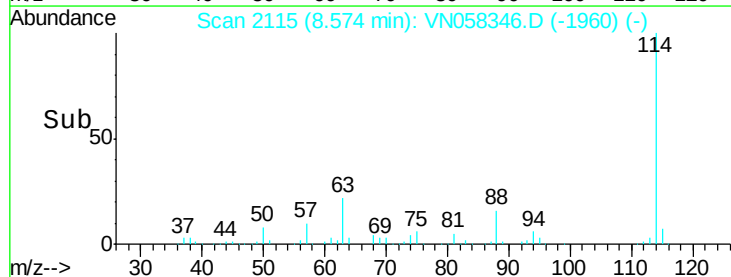
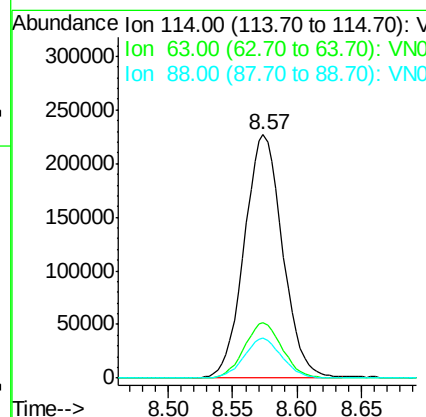
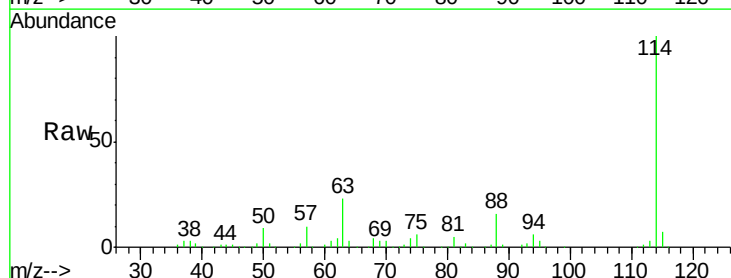
Manual Integrations
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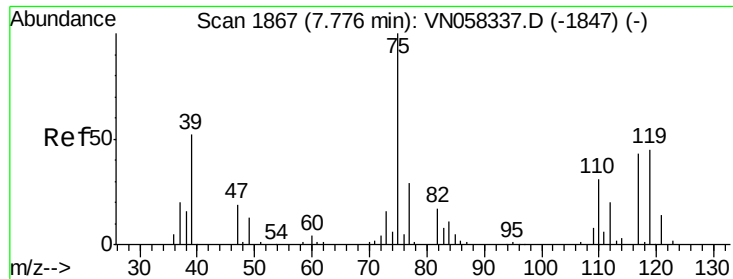
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion: 114 Resp: 470438
 Ion Ratio Lower Upper
 114 100
 63 22.6 17.8 26.8
 88 16.3 12.7 19.1





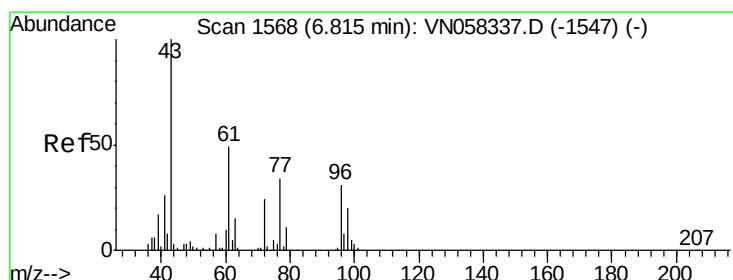
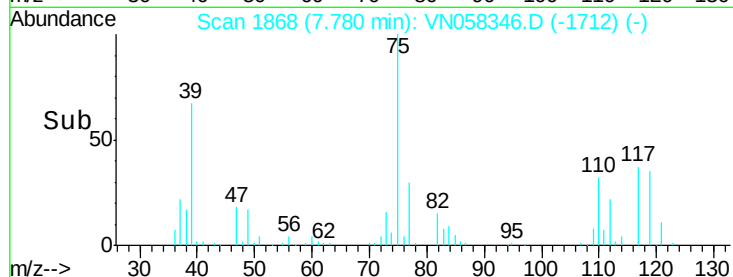
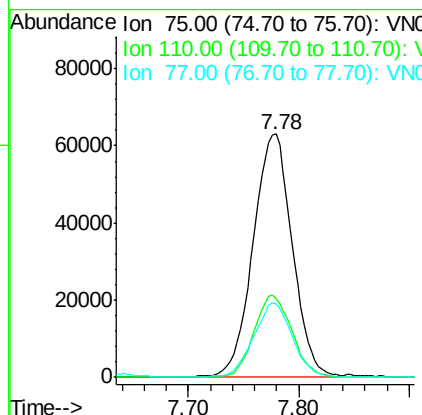
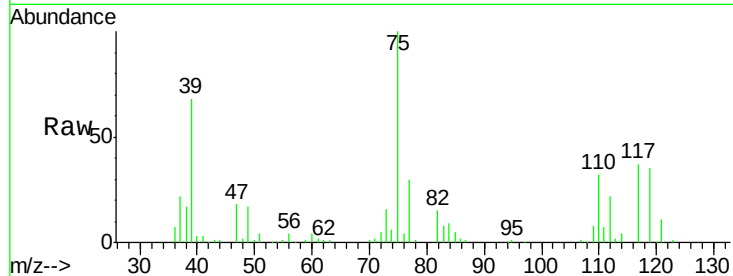
#29
 1,1-Dichloropropene
 Concen: 20.247 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	32.6	0.0	63.6
77	30.3	0.0	59.4

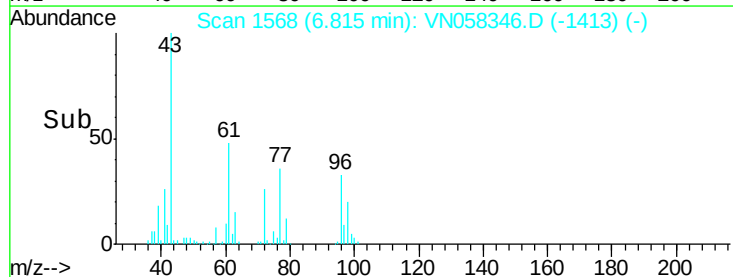
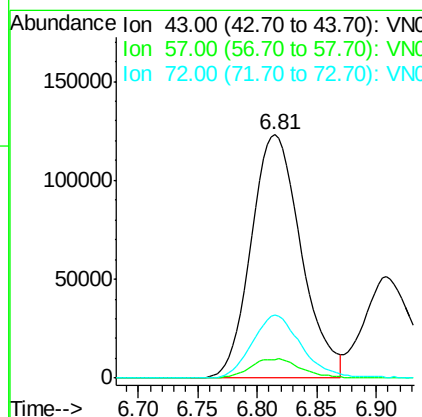
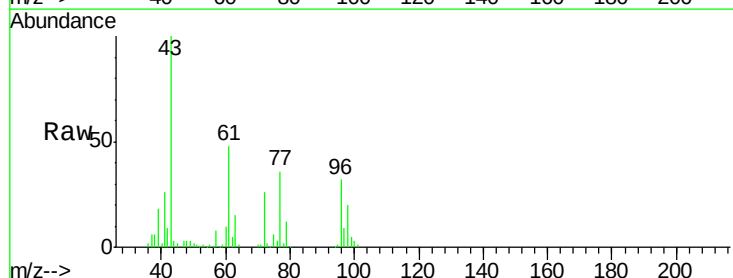
Manual Integrations
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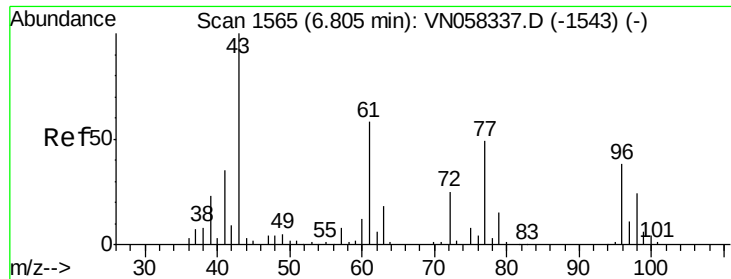
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#30
 2-Butanone
 Concen: 102.264 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.2	9.4
72	25.5	20.3	30.5





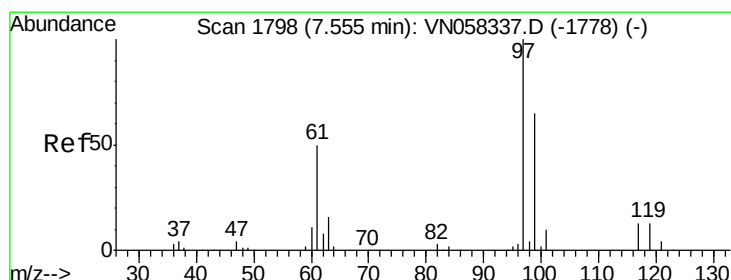
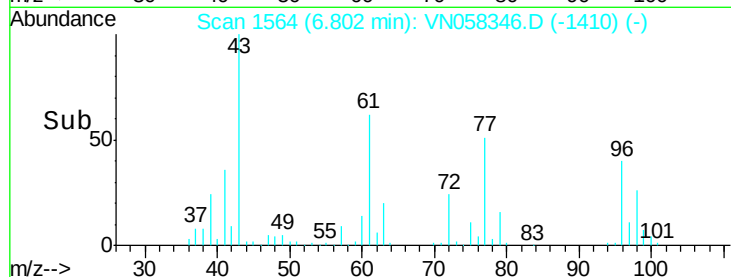
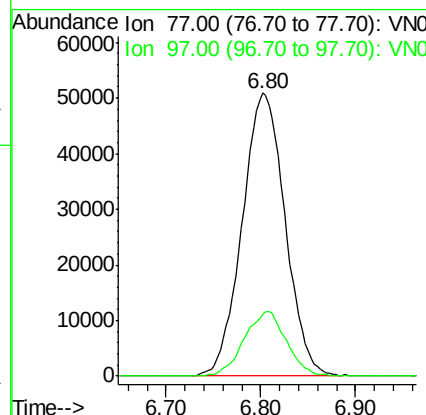
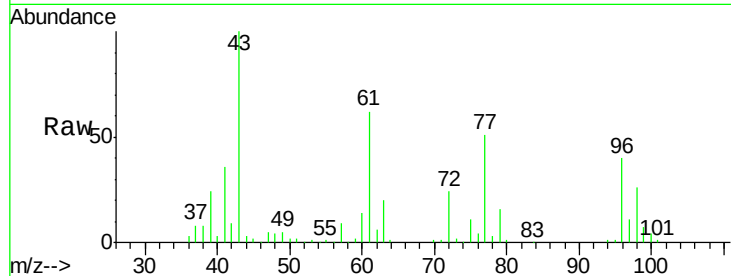
#31
 2,2-Dichloropropane
 Concen: 20.277 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion: 77 Resp: 160302
 Ion Ratio Lower Upper
 77 100
 97 22.4 17.6 26.4

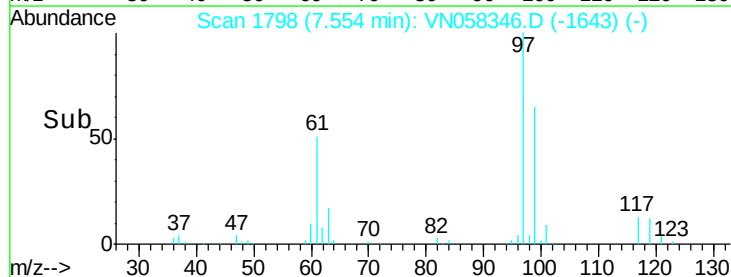
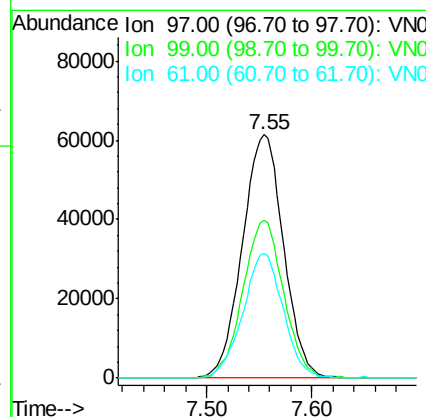
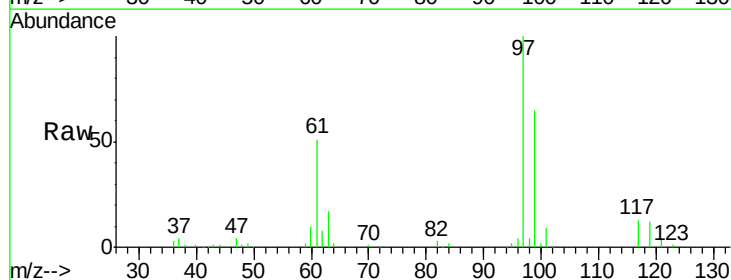
Manual Integrations
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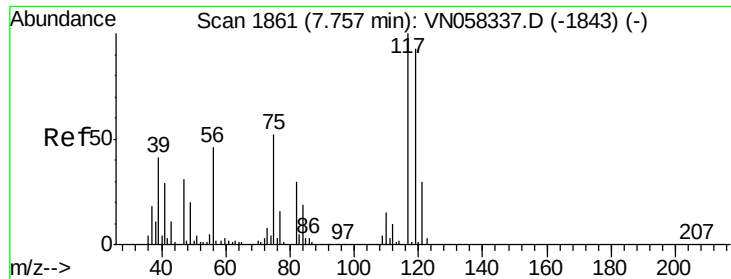
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#32
 1,1,1-Trichloroethane
 Concen: 20.161 ug/l
 RT: 7.55 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion: 97 Resp: 166983
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.6
 61 50.1 39.4 59.2





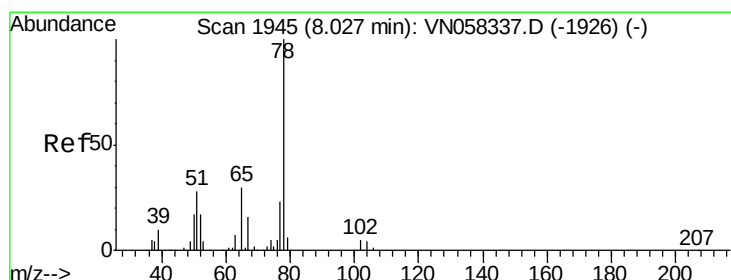
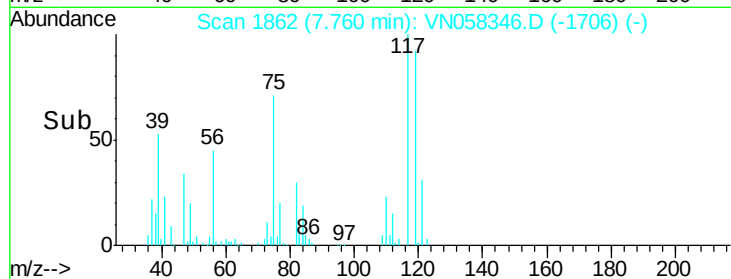
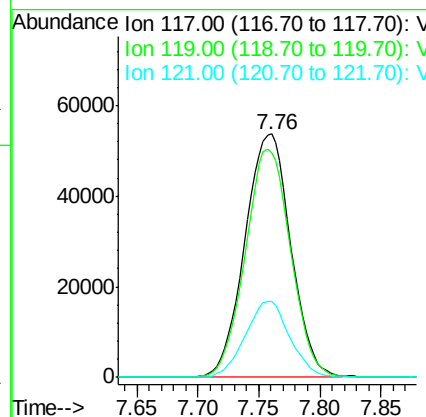
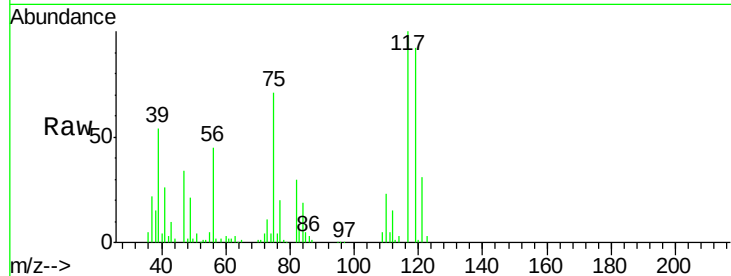
#33
Carbon Tetrachloride
Concen: 19.849 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.2	111.4
121	31.2	23.9	35.9

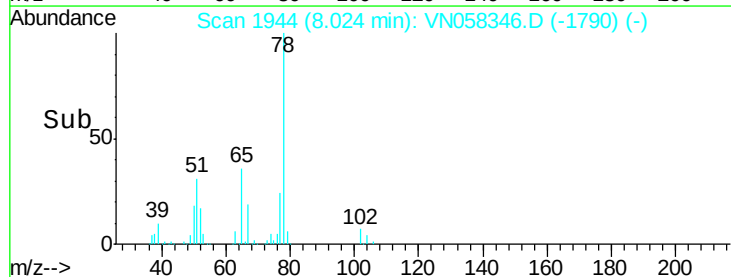
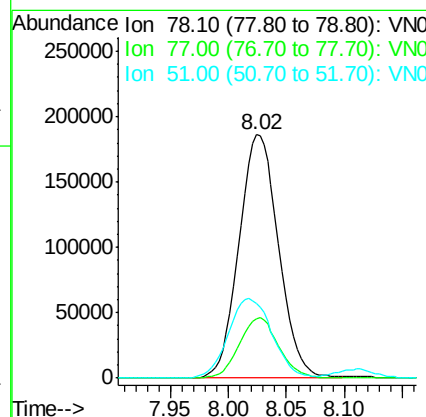
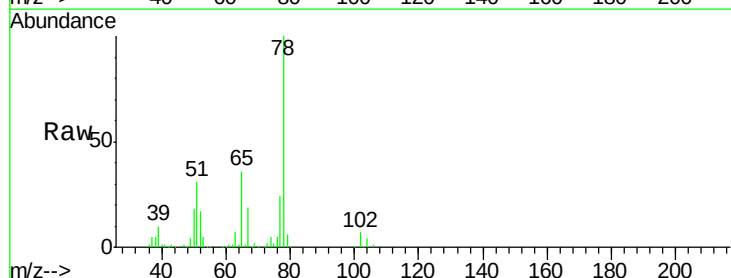
Manual Integrations
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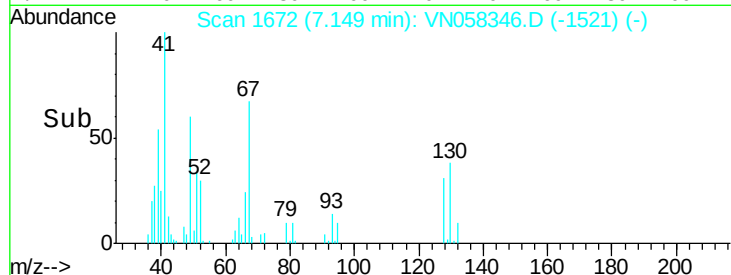
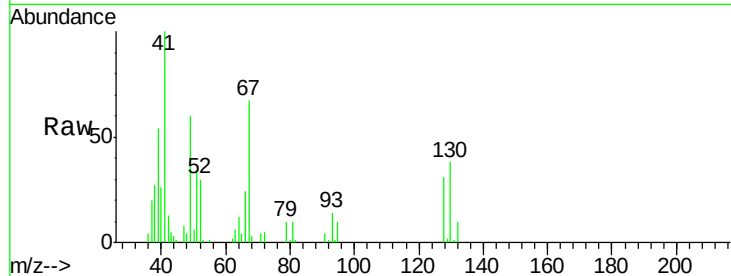
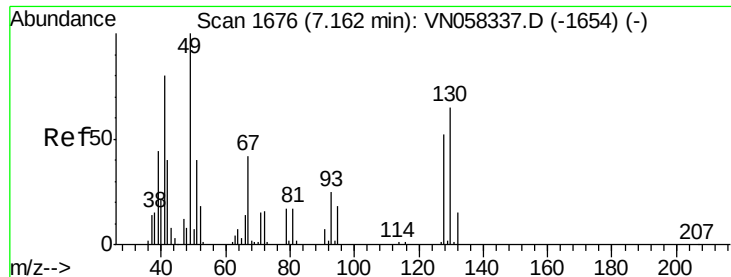
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#34
Benzene
Concen: 20.255 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2
51	30.2	22.4	33.6





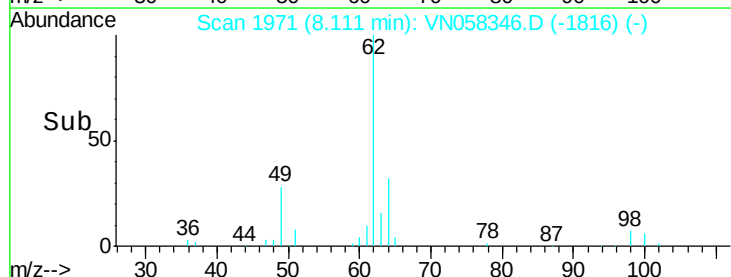
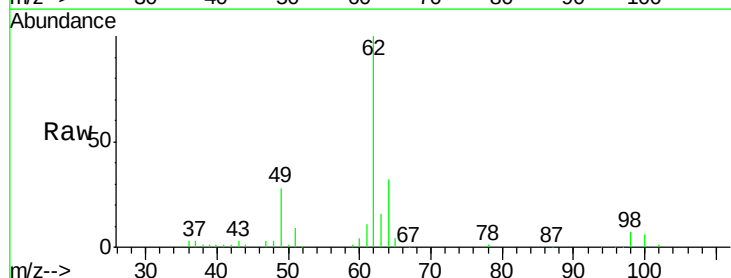
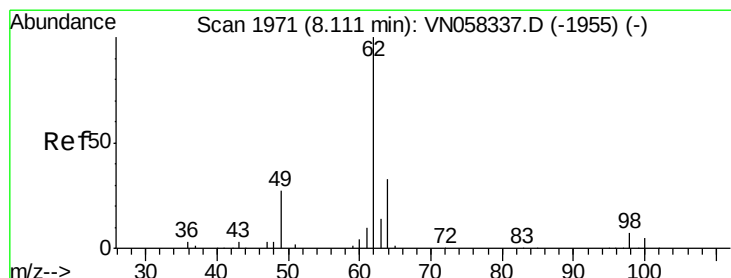
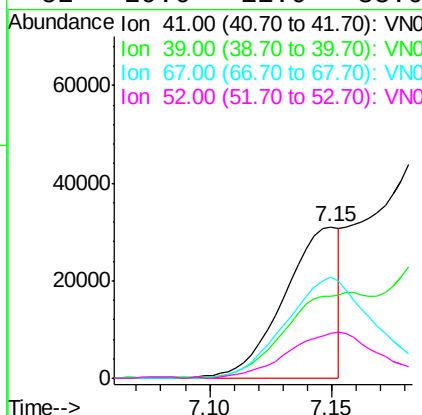
#35
Methacrylonitrile
Concen: 16.129 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.3	81.9
67	67.1	26.3	78.9
52	29.6	11.0	33.0

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

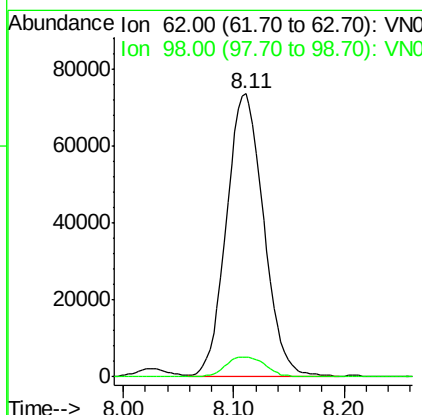
Manual Integrations
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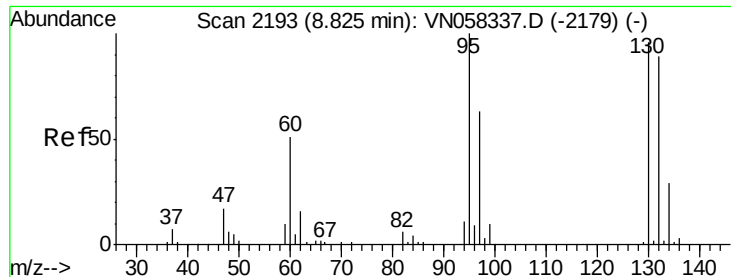
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#36
1,2-Dichloroethane
Concen: 20.078 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.0	9.0





#37

Trichloroethene

Concen: 20.075 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion:130 Resp: 109478

Ion Ratio Lower Upper

130 100

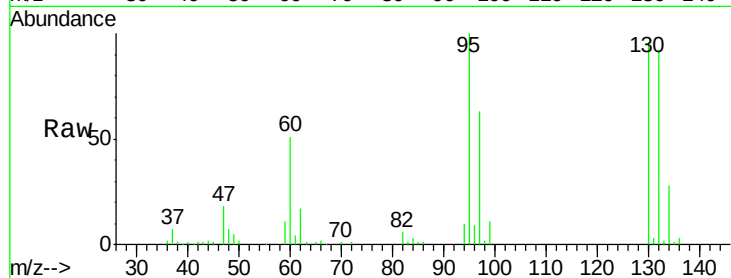
95 103.9 83.3 124.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.82

60000

50000

40000

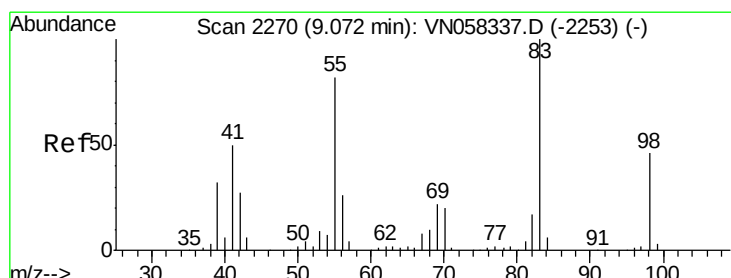
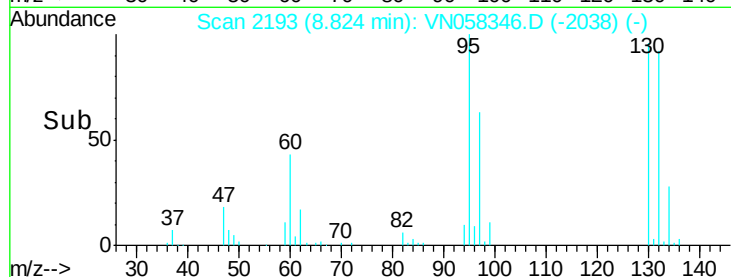
30000

20000

10000

0

Time-->



#38

Methylcyclohexane

Concen: 19.719 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

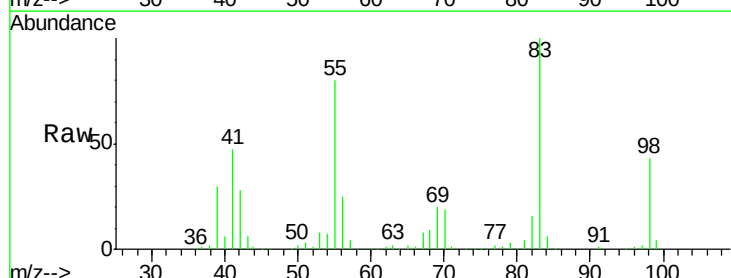
Tgt Ion: 83 Resp: 183100

Ion Ratio Lower Upper

83 100

55 80.1 40.5 121.4

98 44.3 23.1 69.2



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

120000

100000

80000

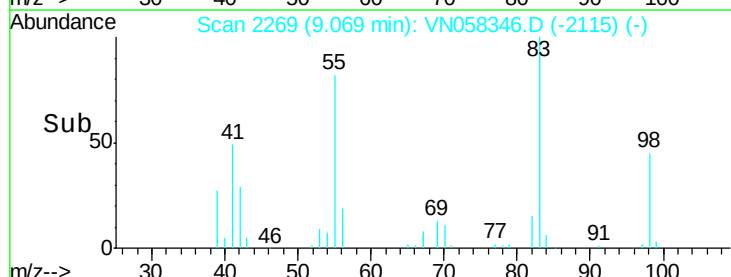
60000

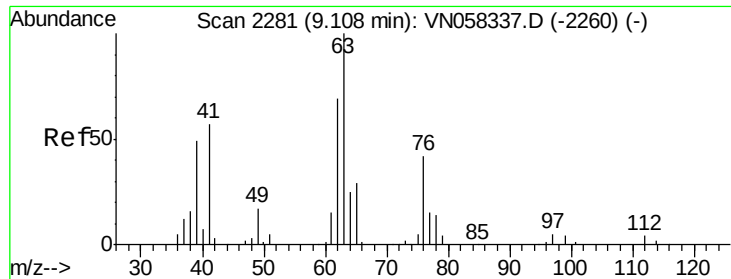
40000

20000

0

Time-->





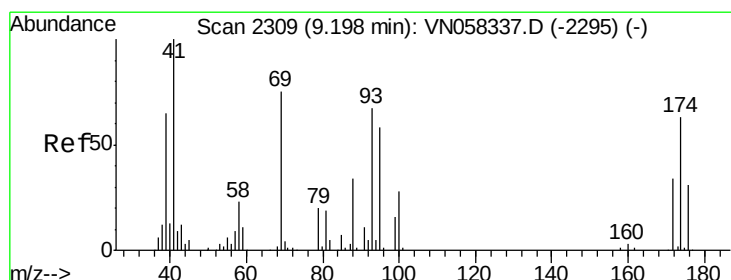
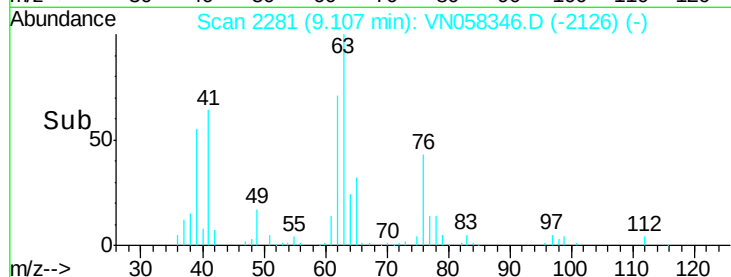
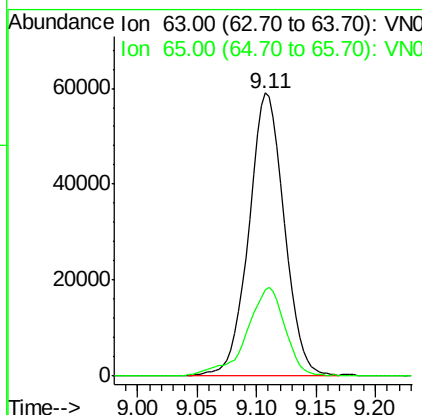
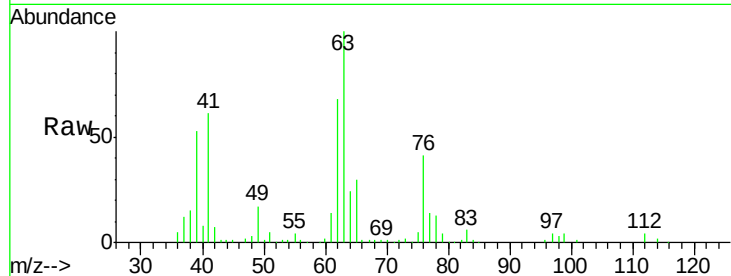
#39
 1,2-Dichloropropane
 Concen: 20.535 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion: 63 Resp: 122018
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.4 35.0

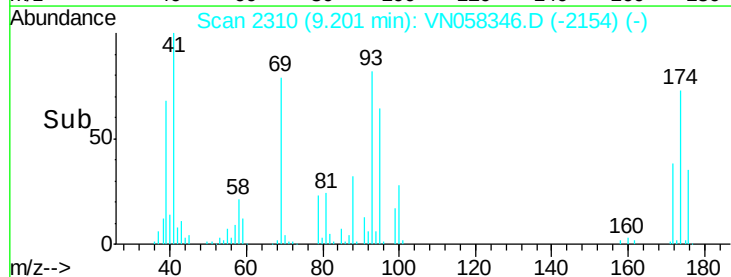
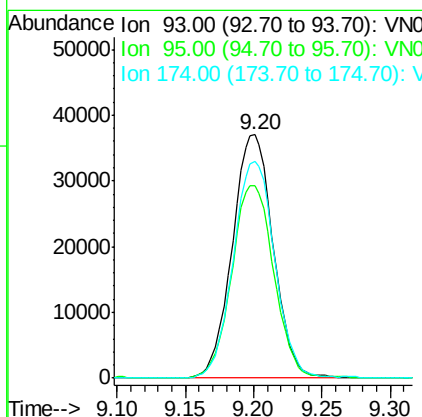
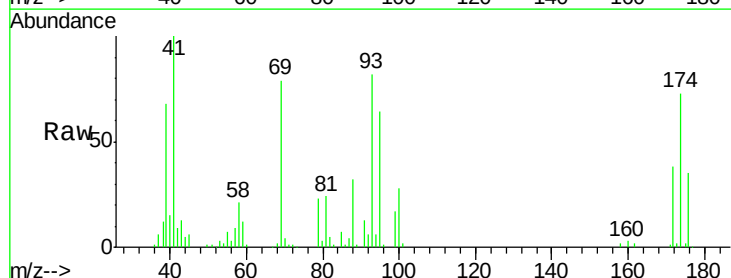
Manual Integrations
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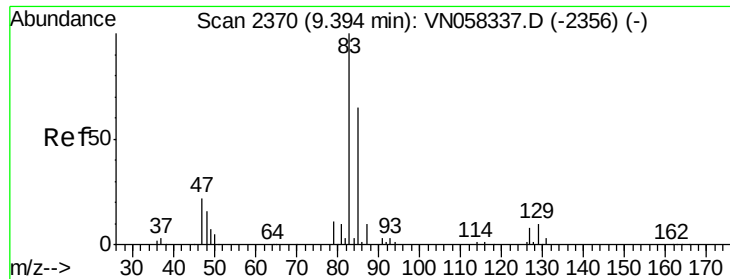
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#40
 Dibromomethane
 Concen: 20.555 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion: 93 Resp: 77085
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 166.8
 174 90.1 0.0 187.2





#41

Bromodichloromethane

Concen: 19.949 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

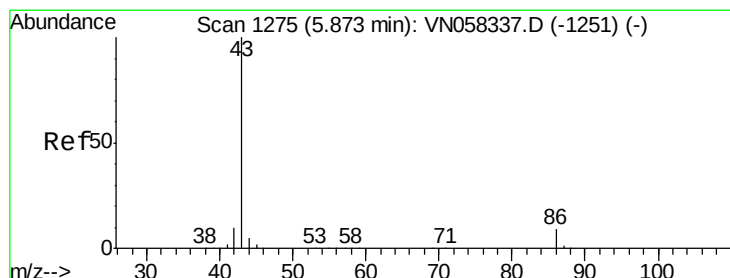
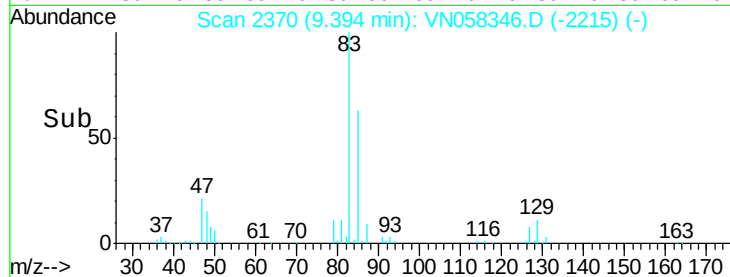
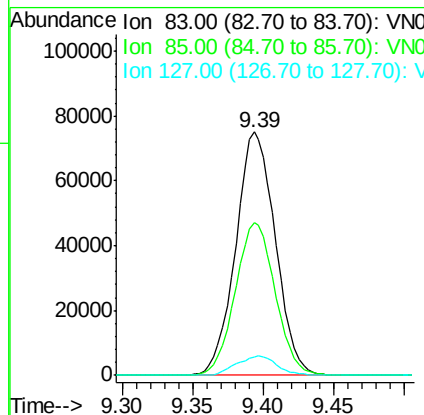
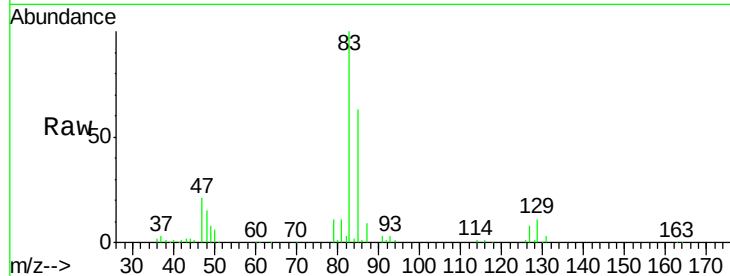
ClientSampleId :

VN0924WBS01

Tot Ion:	83	Resp:	147875
Ion Ratio	Lower	Upper	
83	100		
85	62.7	52.0	78.0
127	7.6	6.1	9.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 109.248 ug/l

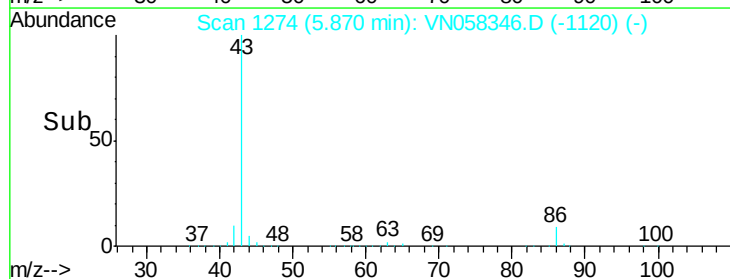
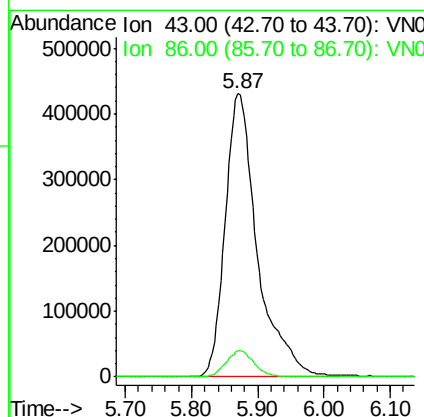
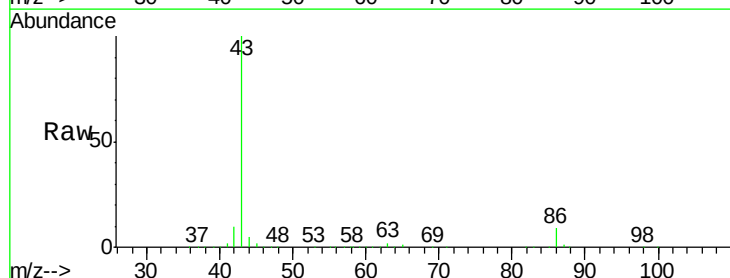
RT: 5.87 min Scan# 1274

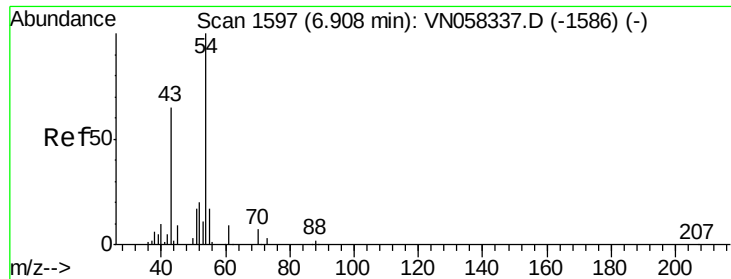
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	43	Resp:	1454429
Ion Ratio	Lower	Upper	
43	100		
86	8.2	6.6	9.8





#43

Ethyl Acetate

Concen: 20.697 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

Tot Ion: 43 Resp: 143286

Ion Ratio Lower Upper

43 100

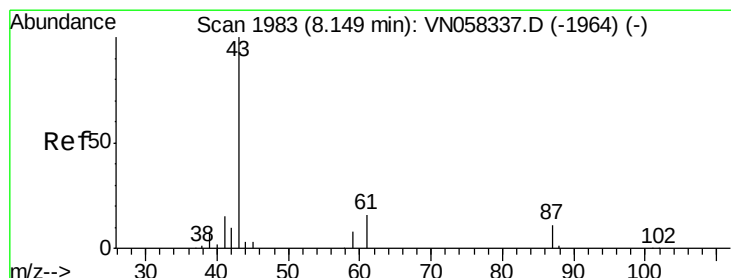
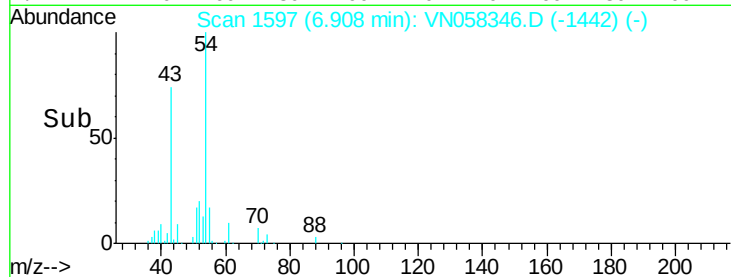
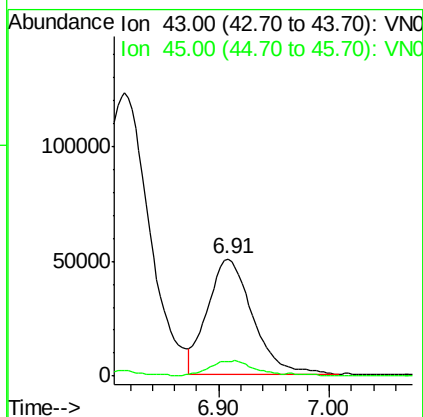
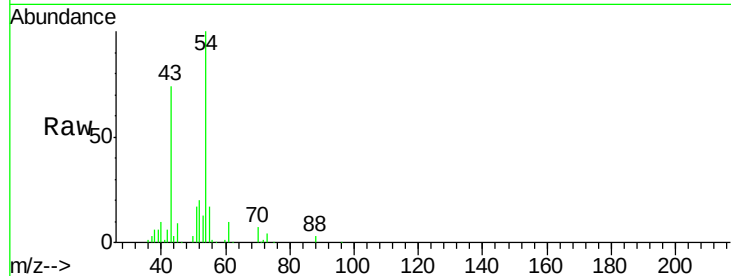
45 6.3 9.8 14.6#

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#44

Isopropyl Acetate

Concen: 19.269 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058346.D

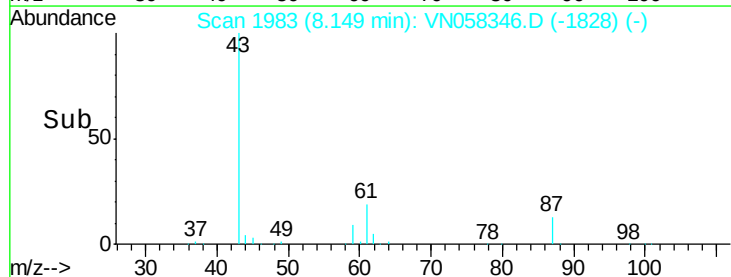
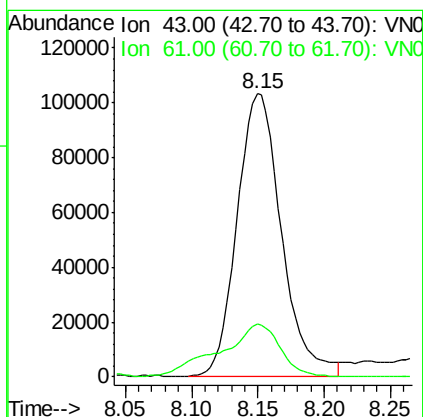
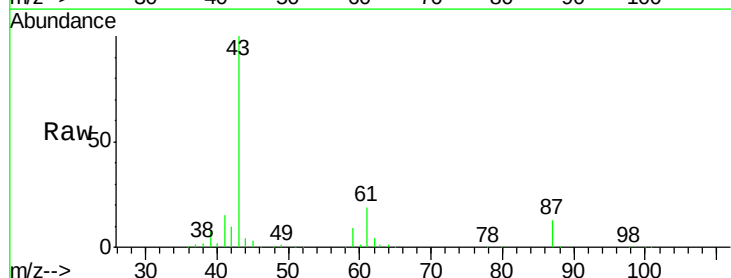
Acq: 24 Sep 2019 15:24

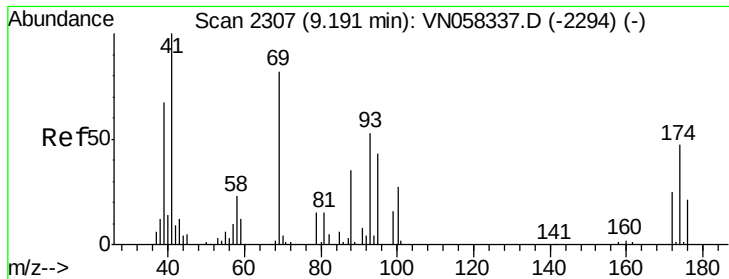
Tgt Ion: 43 Resp: 238805

Ion Ratio Lower Upper

43 100

61 24.7 14.4 21.6#





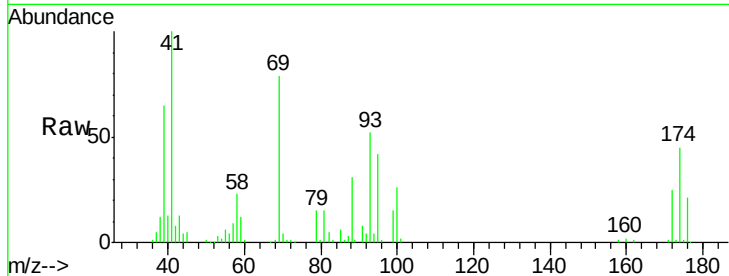
#45
1,4-Dioxane
Concen: 386.974 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

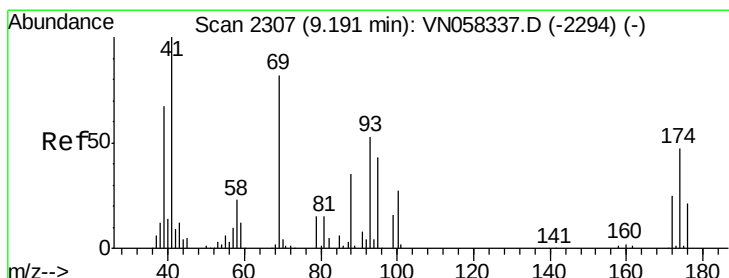
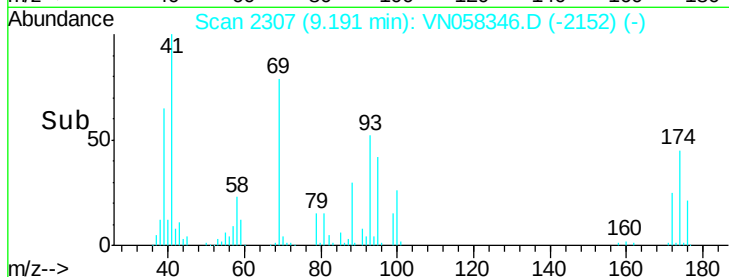
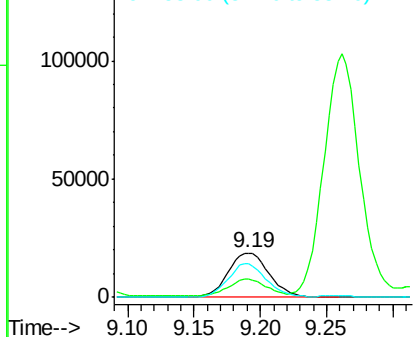
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	36.2	27.2	40.8	
58	71.3	55.4	83.0	

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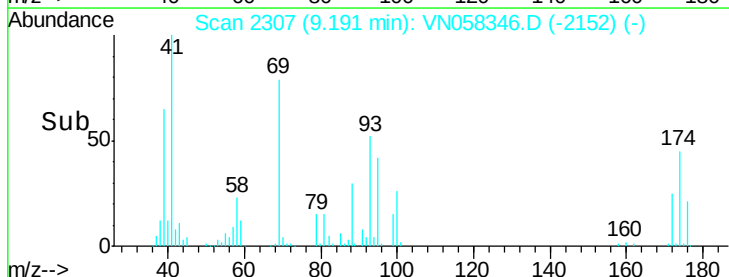
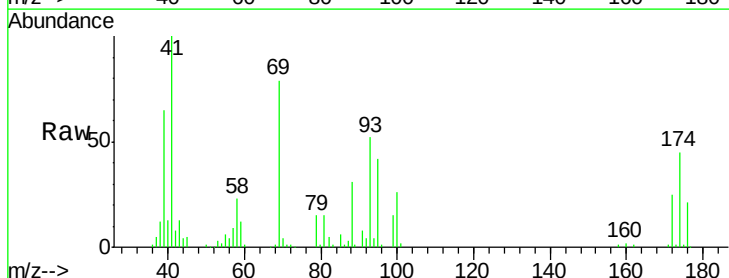
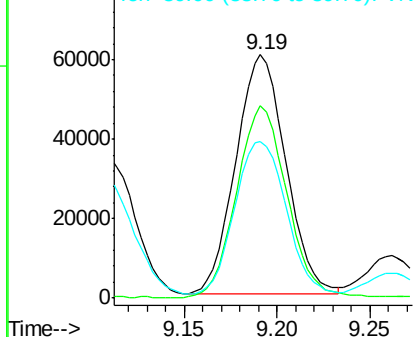
Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

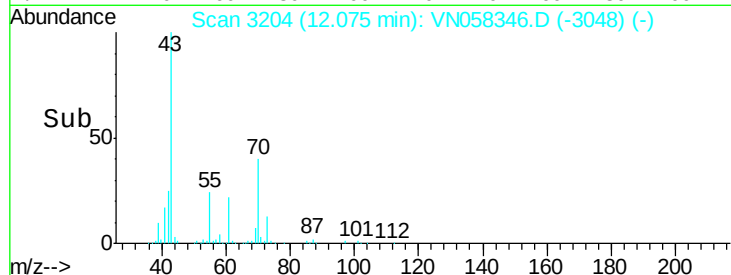
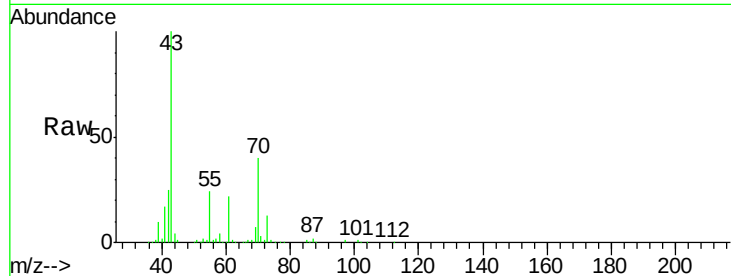
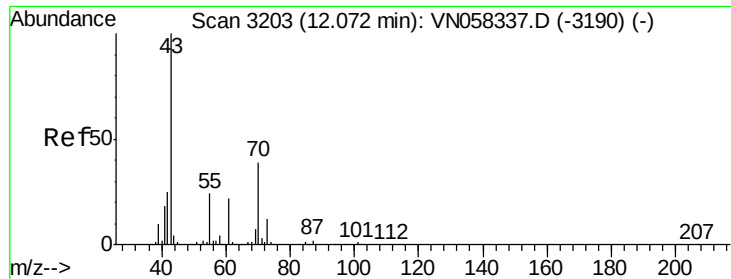


#46
Methyl methacrylate
Concen: 19.218 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	79.9	40.9	122.7	
39	64.0	33.6	100.6	

Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#47

n-amvl Acetate

Concen: 18.570 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tot Ion: 43 Resp: 200324

Ion Ratio Lower Upper

43 100

55 24.8 19.0 28.4

Instrument :

MSVOA_N

ClientSampleId :

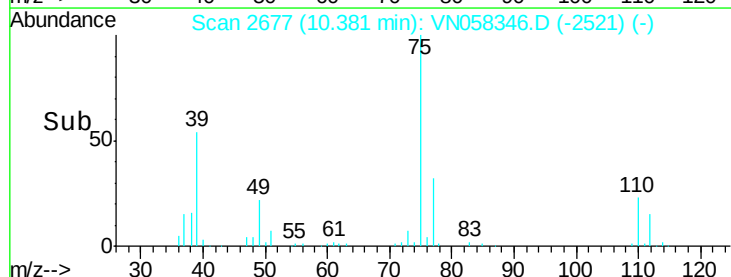
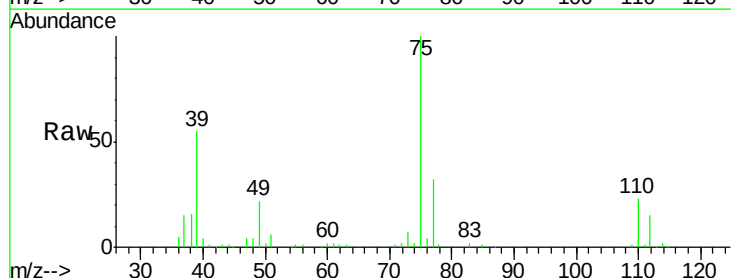
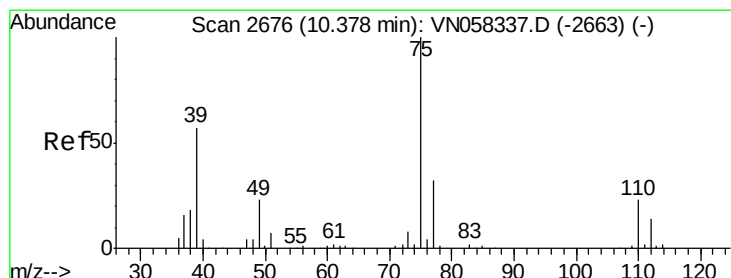
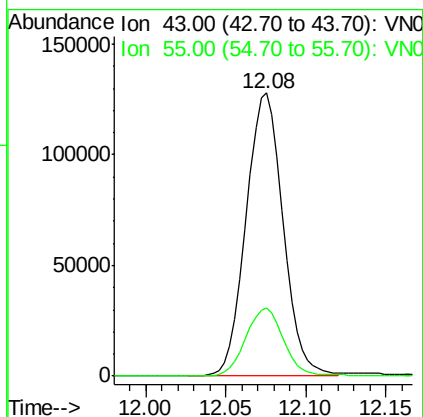
VN0924WBS01

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#48

t-1,3-Dichloropropene

Concen: 19.633 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058346.D

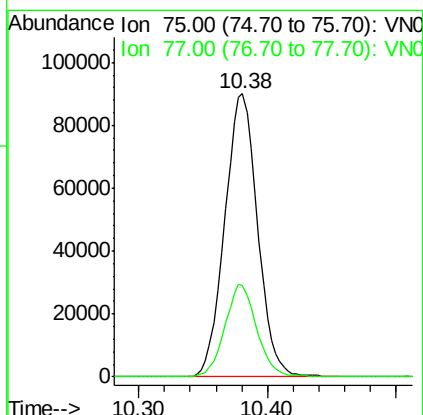
Acq: 24 Sep 2019 15:24

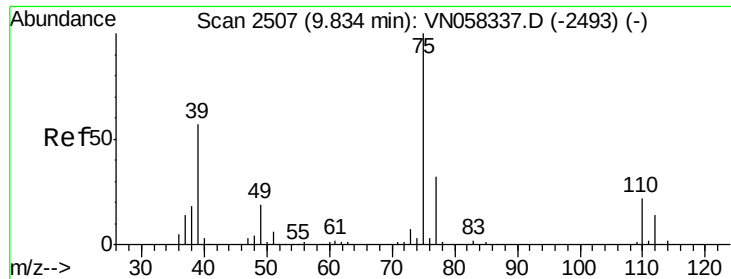
Tgt Ion: 75 Resp: 159017

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0





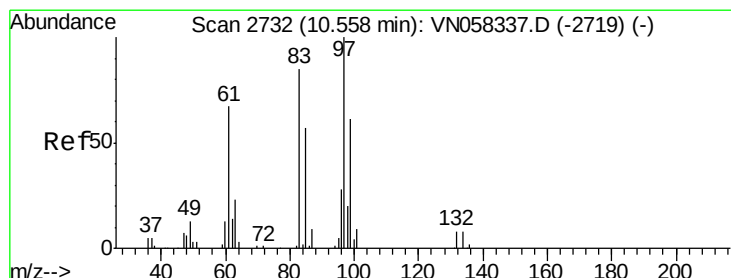
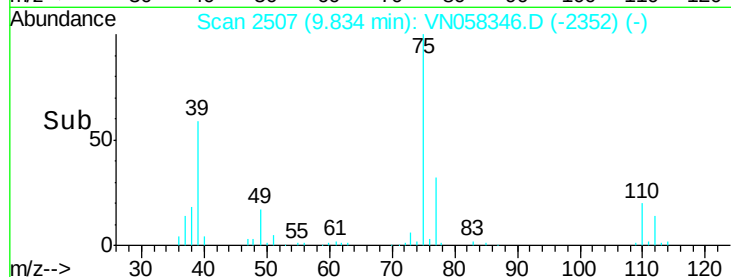
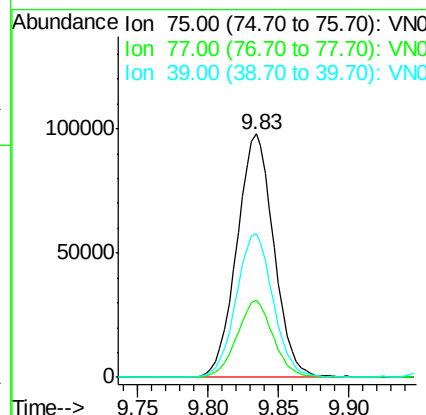
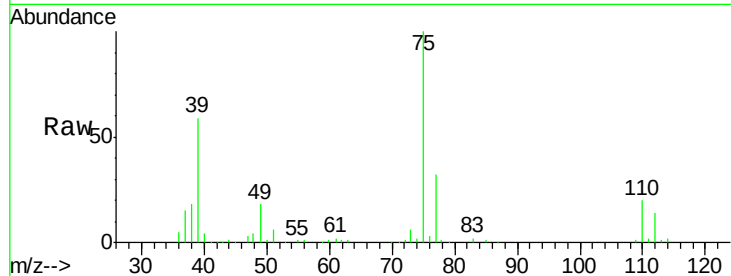
#49
 cis-1,3-Dichloropropene
 Concen: 19.947 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion:	75	Resp:	179881
Ion Ratio	Lower	Upper	
75	100		
77	31.6	25.2	37.8
39	59.1	45.8	68.6

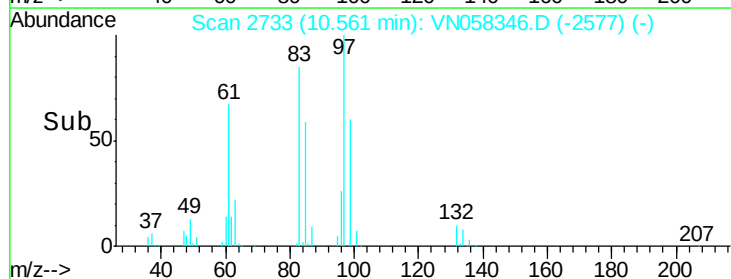
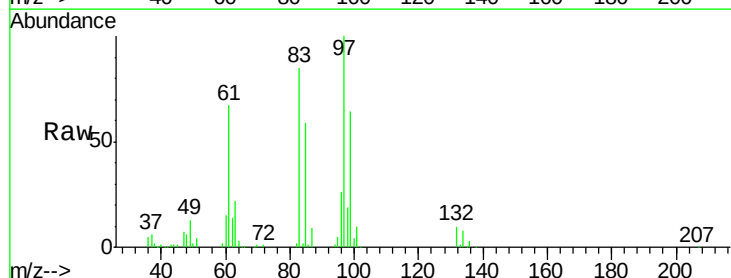
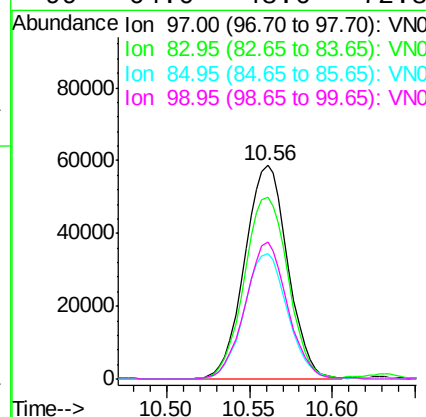
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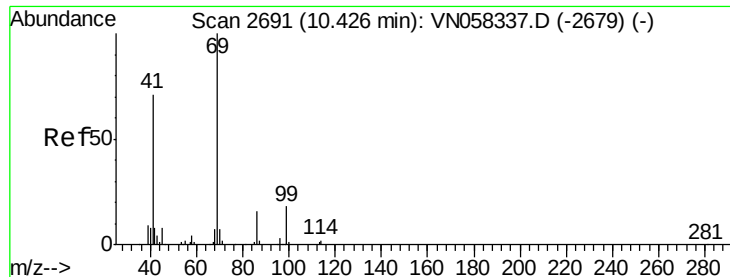
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#50
 1,1,2-Trichloroethane
 Concen: 20.274 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion:	97	Resp:	106258
Ion Ratio	Lower	Upper	
97	100		
83	84.9	67.8	101.6
85	58.8	45.8	68.6
99	64.0	48.6	72.8





#51

Ethyl methacrylate

Concen: 19.580 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

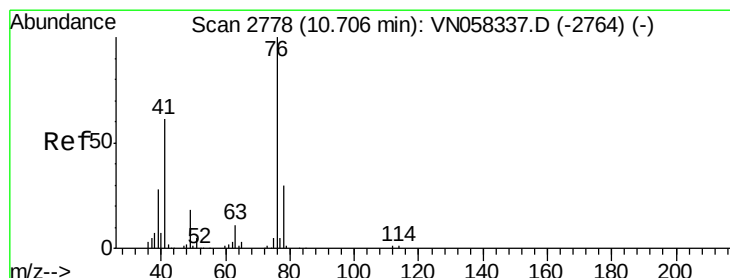
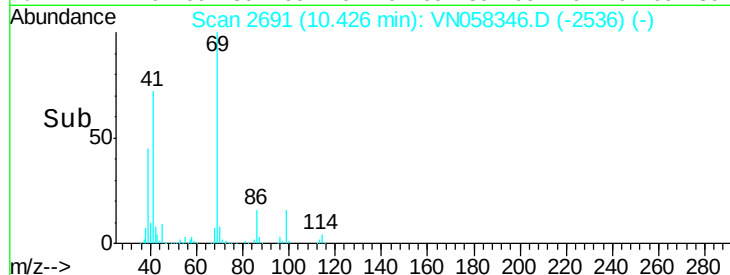
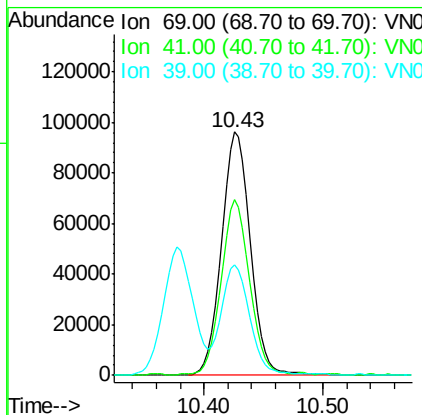
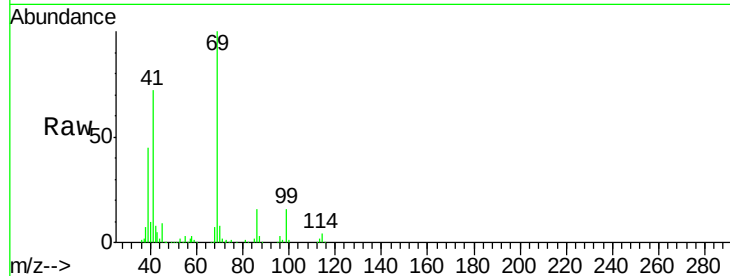
ClientSampleId :

VN0924WBS01

Tot Ion:	69	Resp:	162367
Ion	Ratio	Lower	Upper
69	100		
41	71.8	35.4	106.1
39	45.1	23.5	70.5

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#52

1,3-Dichloropropane

Concen: 20.329 ug/l

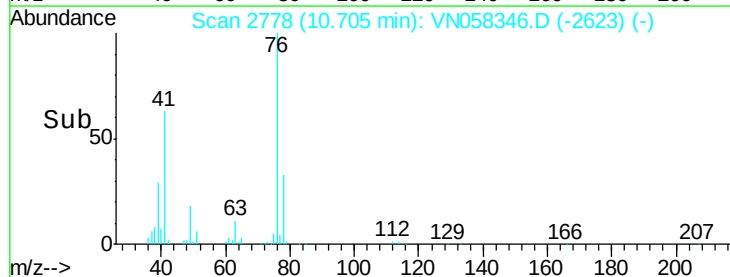
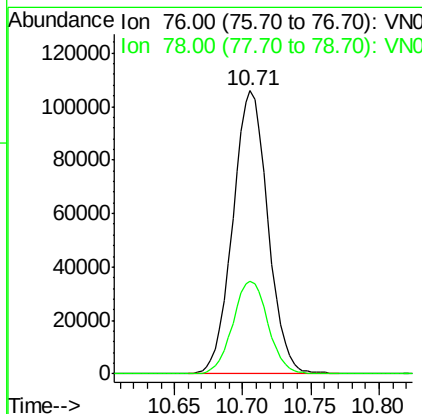
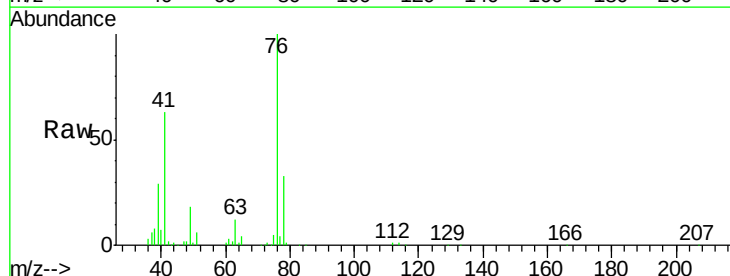
RT: 10.71 min Scan# 2778

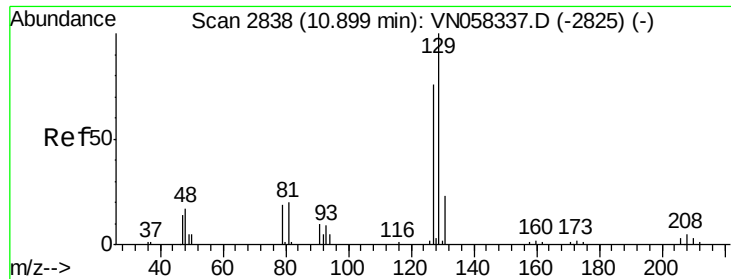
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	76	Resp:	189234
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	63.0





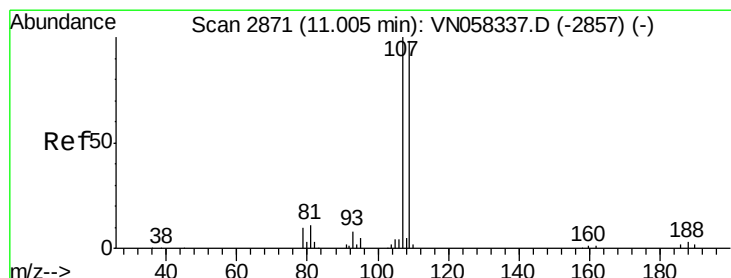
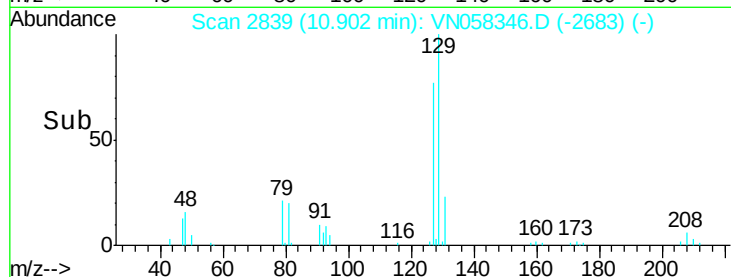
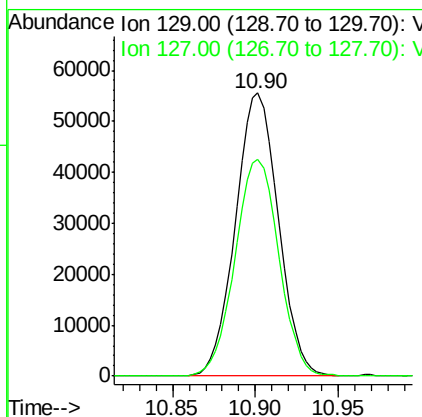
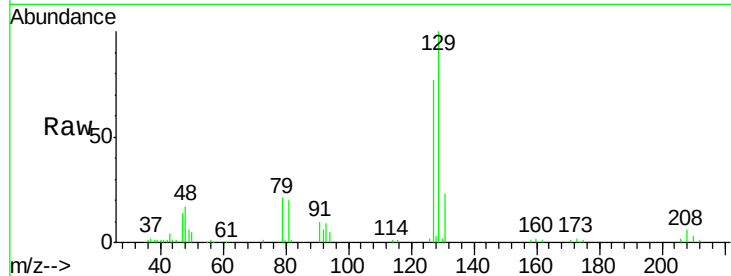
#53
 Dibromochloromethane
 Concen: 18.988 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion:129 Resp: 99980
 Ion Ratio Lower Upper
 129 100
 127 78.4 38.4 115.2

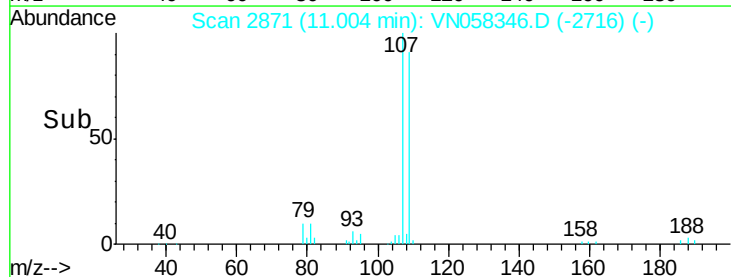
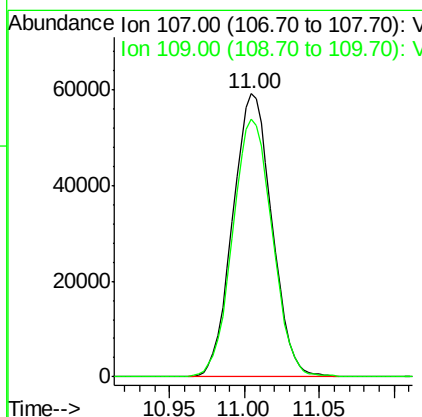
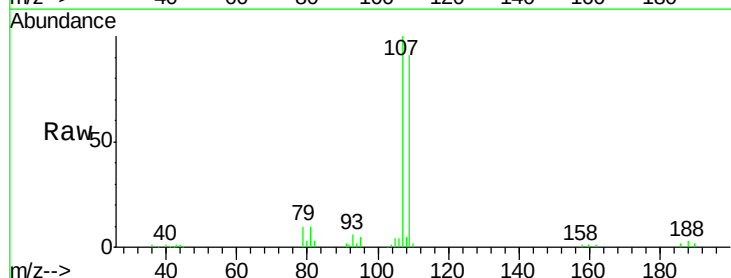
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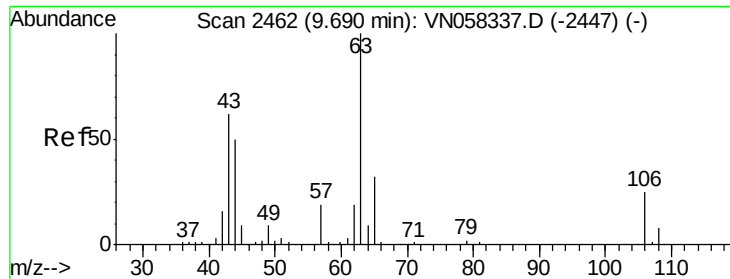
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#54
 1,2-Dibromoethane
 Concen: 20.198 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion:107 Resp: 108030
 Ion Ratio Lower Upper
 107 100
 109 92.1 76.5 114.7





#55

2-Chloroethyl vinyl ether

Concen: 112.412 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

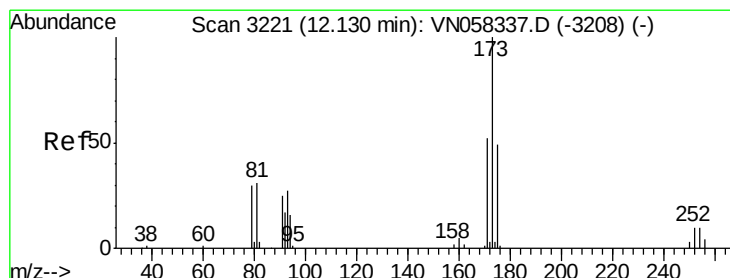
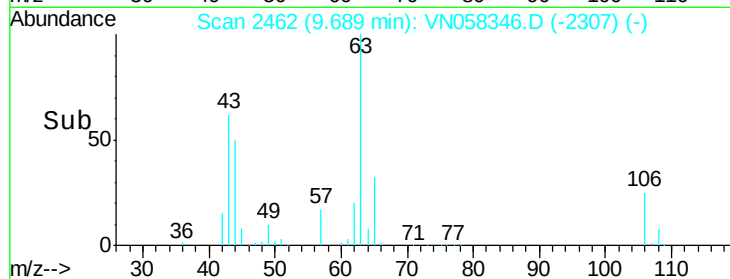
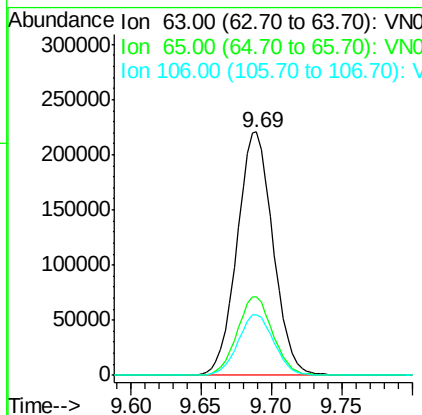
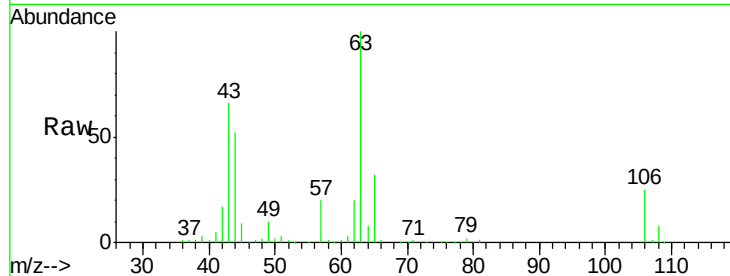
ClientSampleId :

VN0924WBS01

Tot Ion:	63	Resp:	394711
Ion Ratio	Lower	Upper	
63	100		
65	32.0	25.4	38.2
106	25.0	20.4	30.6

Manual Integrations
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#56

Bromoform

Concen: 18.862 ug/l

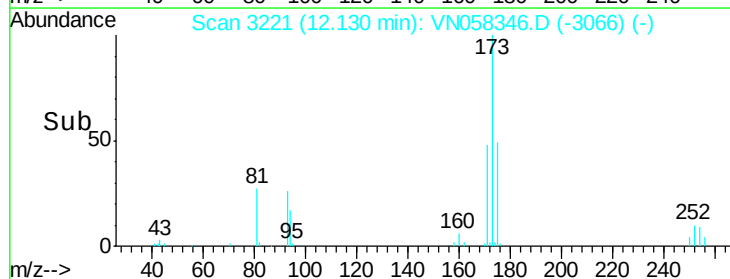
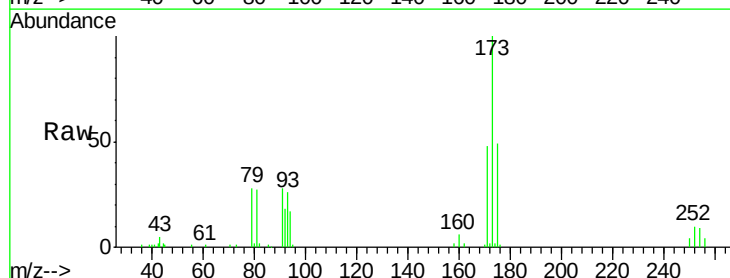
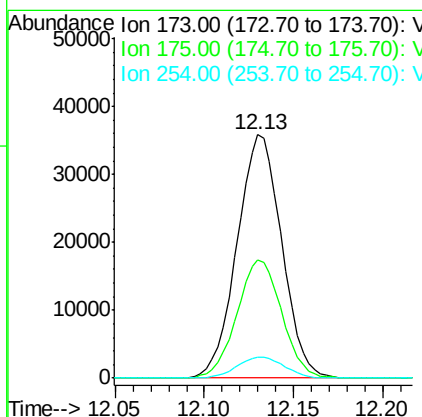
RT: 12.13 min Scan# 3221

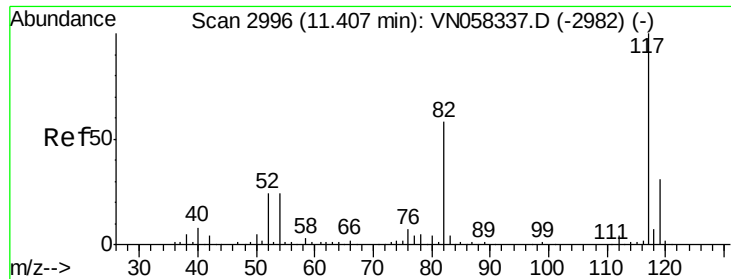
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	173	Resp:	62646
Ion Ratio	Lower	Upper	
173	100		
175	48.6	38.8	58.2
254	9.2	7.8	11.8





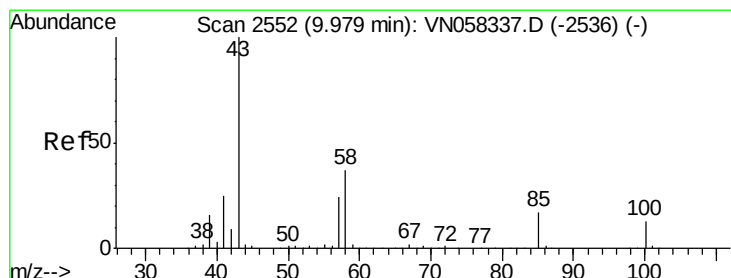
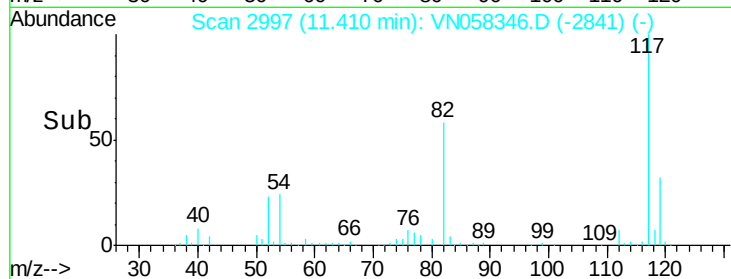
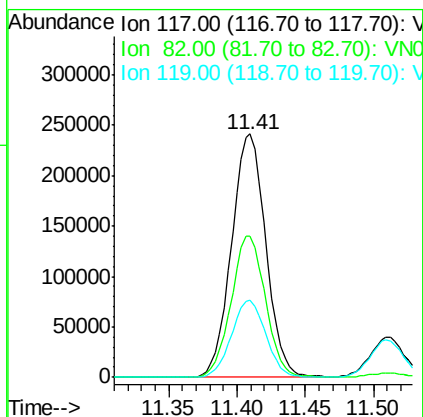
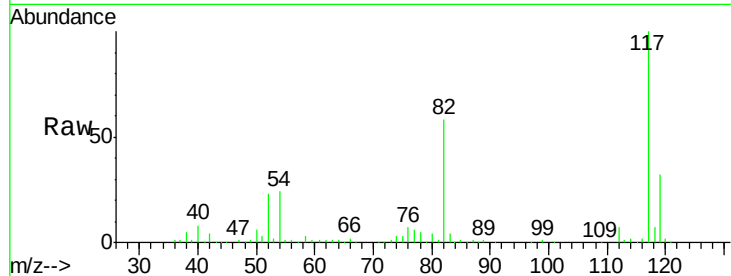
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.4	69.6
119	31.7	25.1	37.7

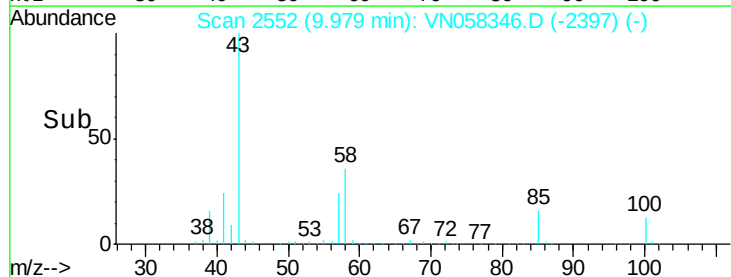
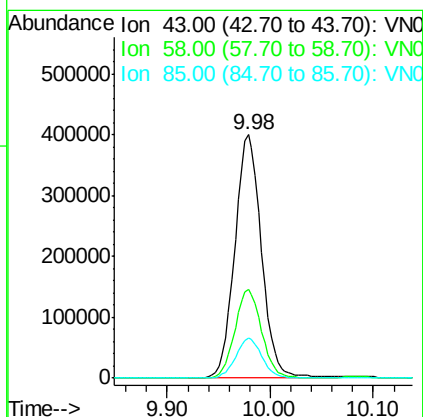
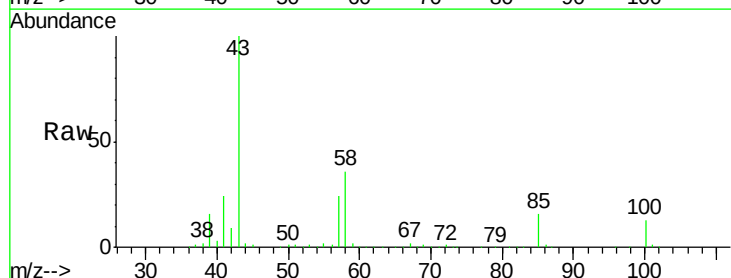
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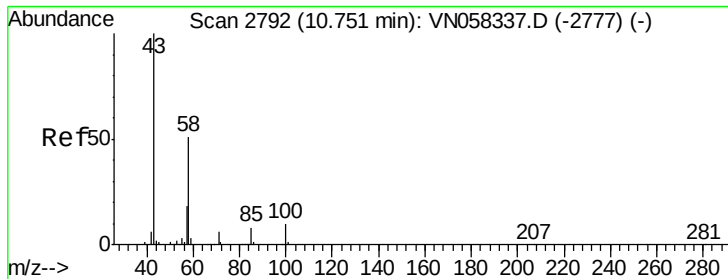
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#58
4-Methyl-2-Pentanone
Concen: 108.749 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.3	43.9
85	16.3	13.1	19.7





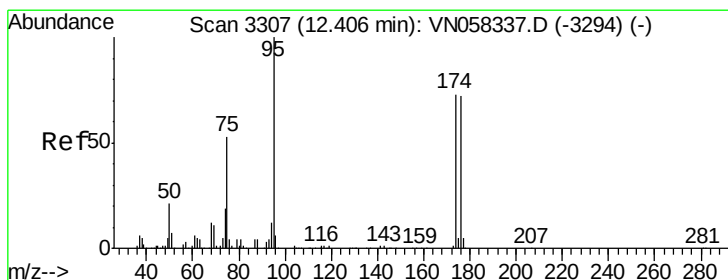
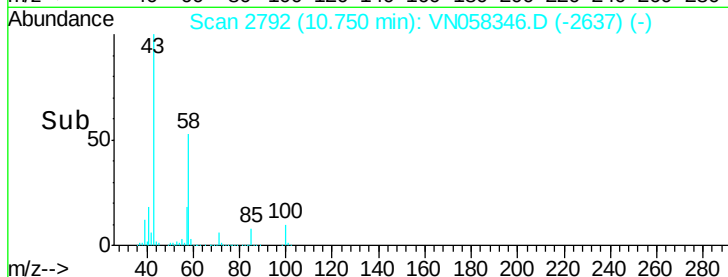
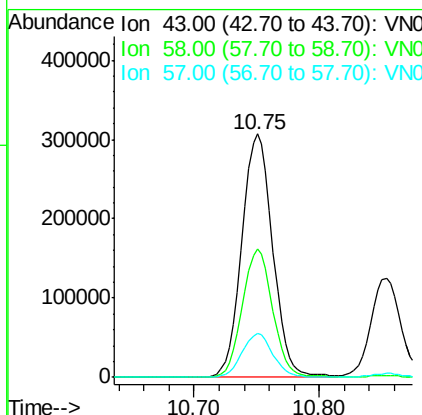
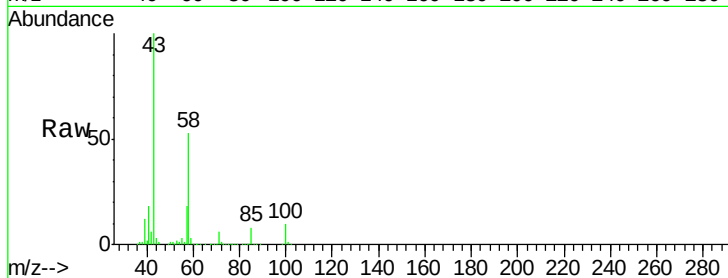
#59
2-Hexanone
Concen: 104.902 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	40.7	61.1
57	18.1	14.7	22.1

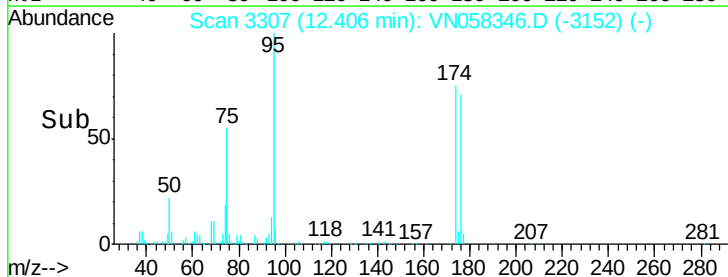
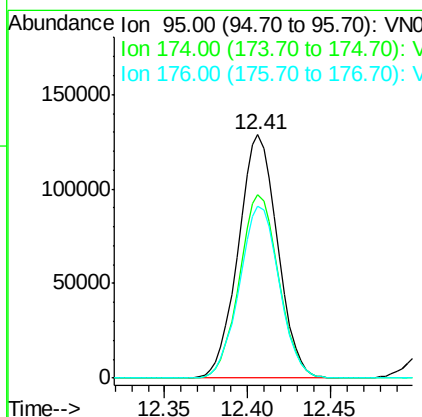
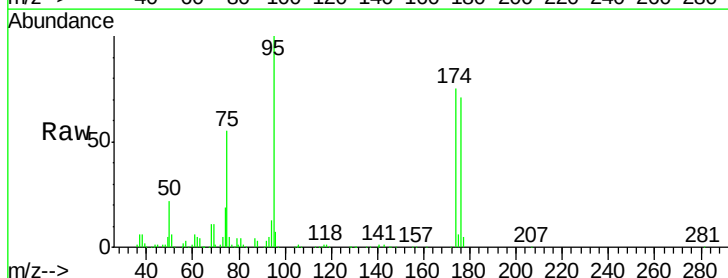
Manual Integrations
APPROVED

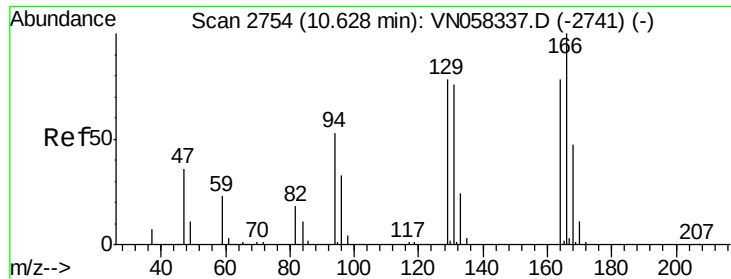
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.039 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	59.0	88.6
176	71.9	58.2	87.2





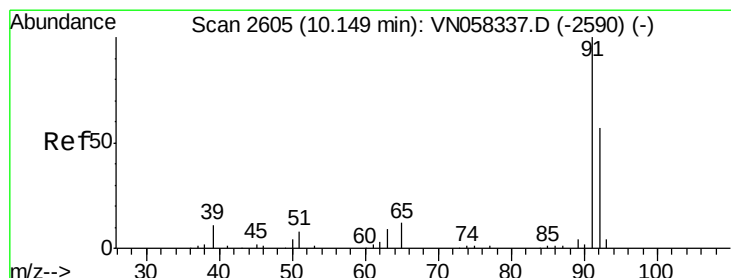
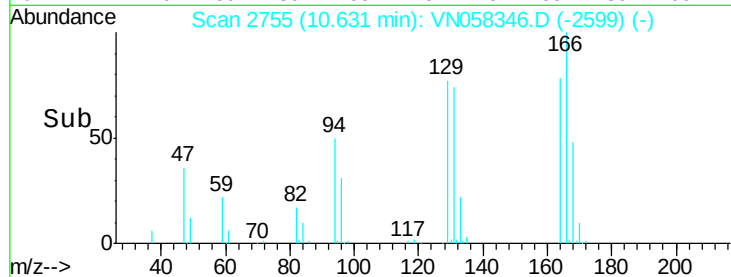
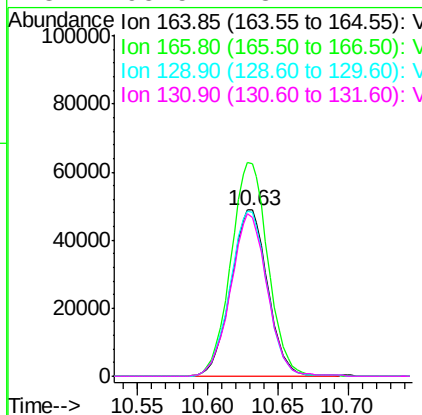
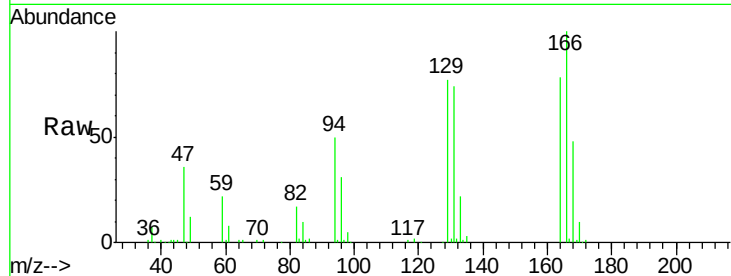
#61
Tetrachloroethene
Concen: 20.258 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.6	154.0
129	98.5	79.8	119.6
131	95.5	78.1	117.1

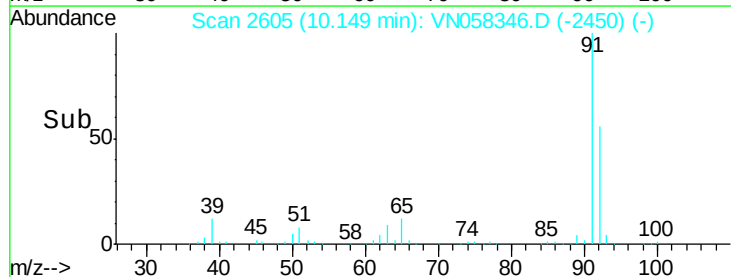
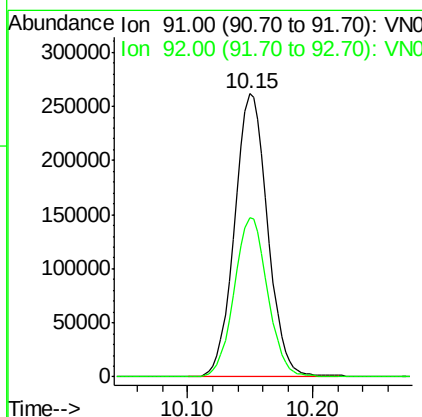
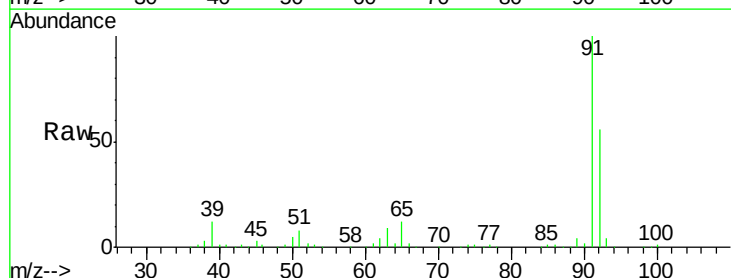
Manual Integrations
APPROVED

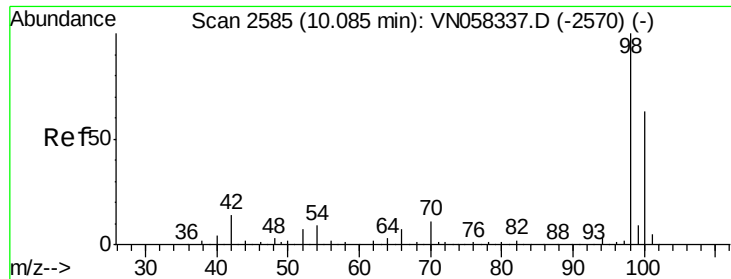
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#62
Toluene
Concen: 20.792 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.9	45.5	68.3





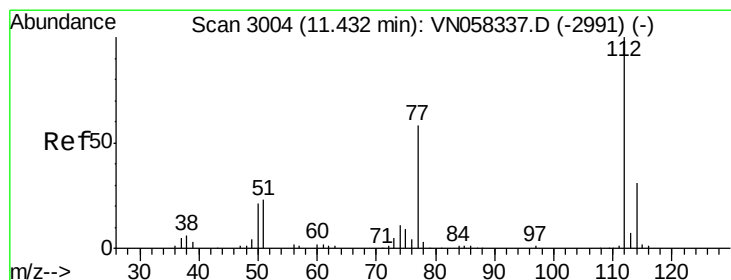
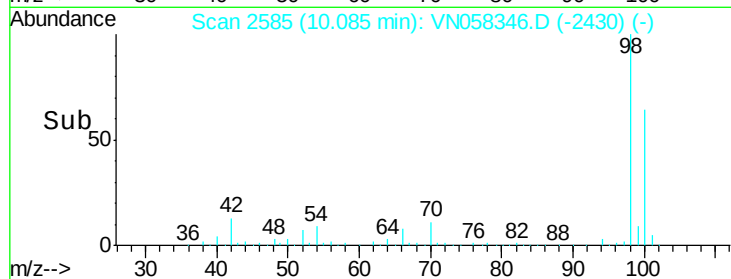
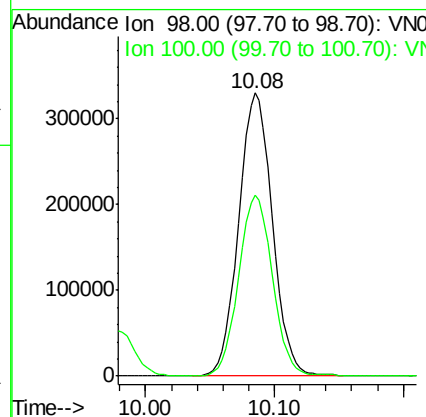
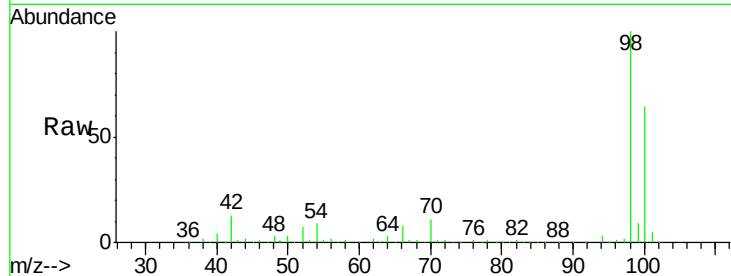
#63
Toluene-d8
Concen: 29.900 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 98 Resp: 601156
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

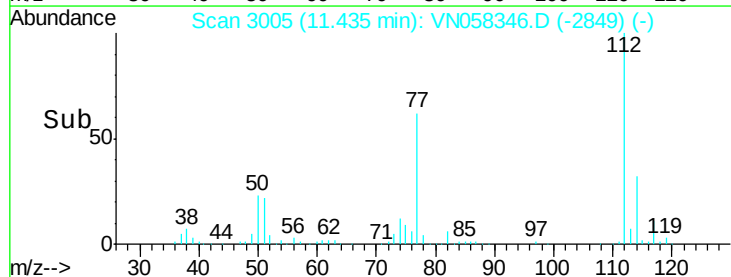
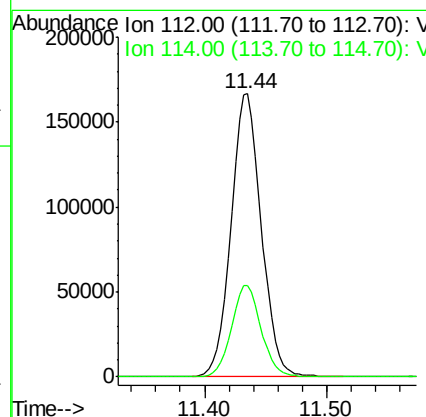
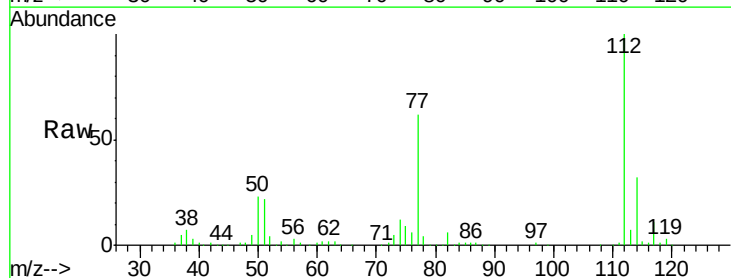
Manual Integrations
APPROVED

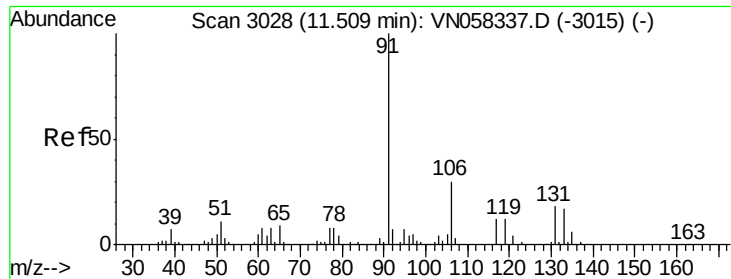
MMDadoda
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#64
Chlorobenzene
Concen: 20.324 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion: 112 Resp: 288160
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.644 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

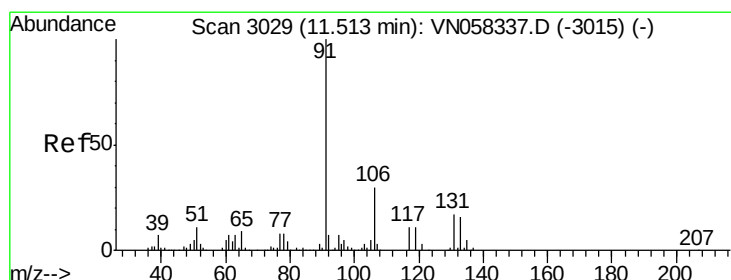
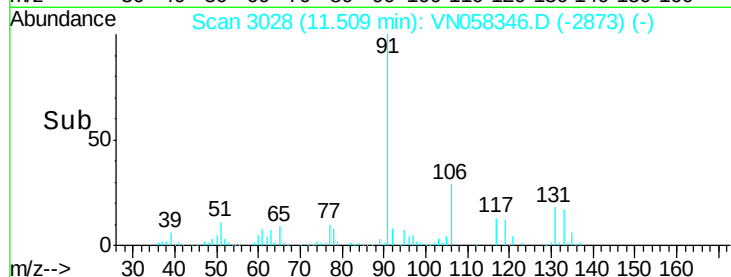
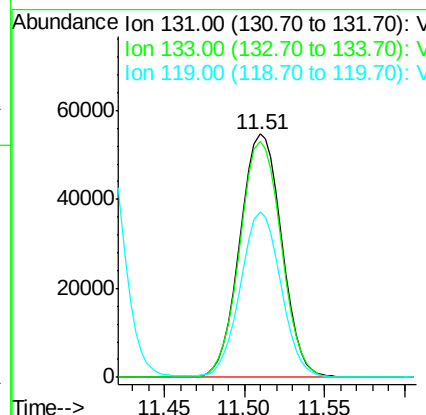
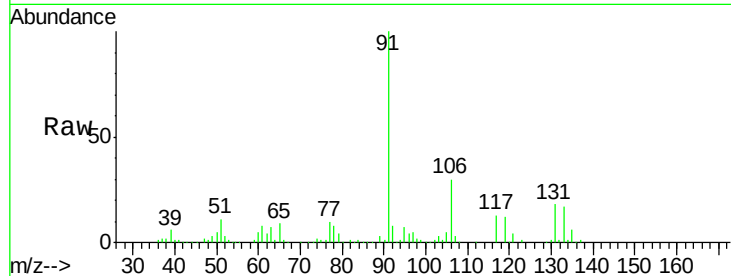
ClientSampleId :

VN0924WBS01

Tot Ion:	131	Resp:	97640
Ion Ratio	Lower	Upper	
131	100		
133	96.3	0.0	191.8
119	65.9	0.0	134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 21.415 ug/l

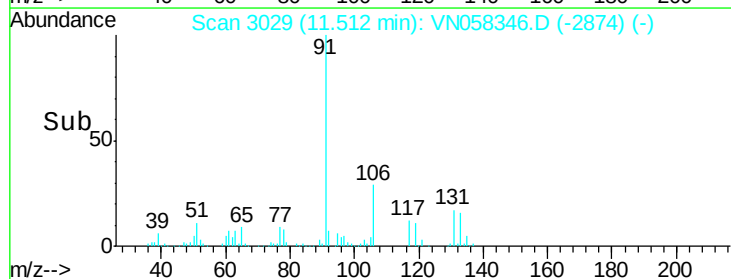
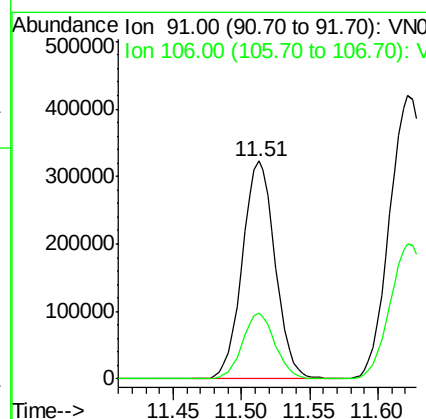
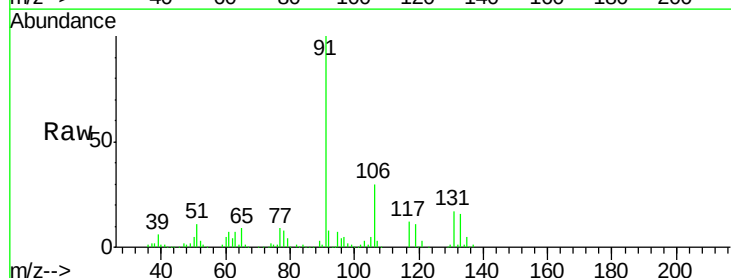
RT: 11.51 min Scan# 3029

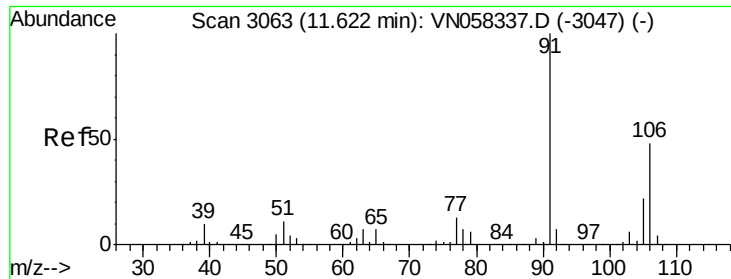
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	91	Resp:	538781
Ion Ratio	Lower	Upper	
91	100		
106	29.9	24.2	36.4





#67

m/p-Xylenes

Concen: 40.250 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion:106 Resp: 388774

Ion Ratio Lower Upper

106 100

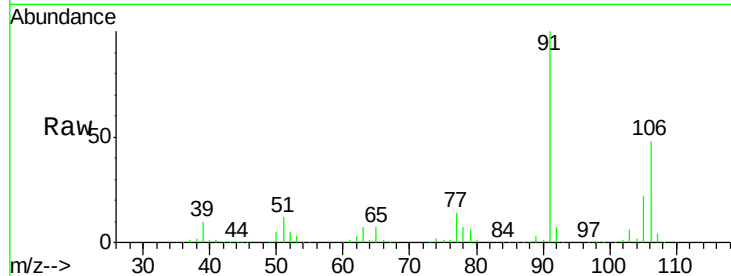
91 210.9 167.8 251.6

Manual Integrations

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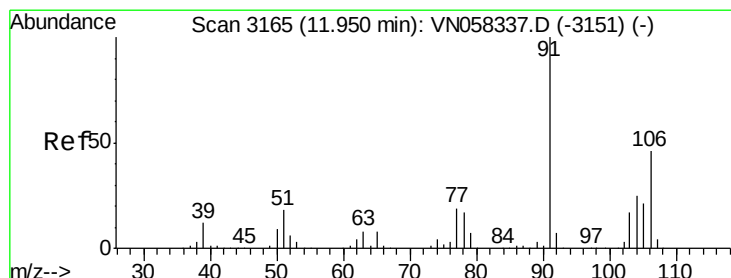
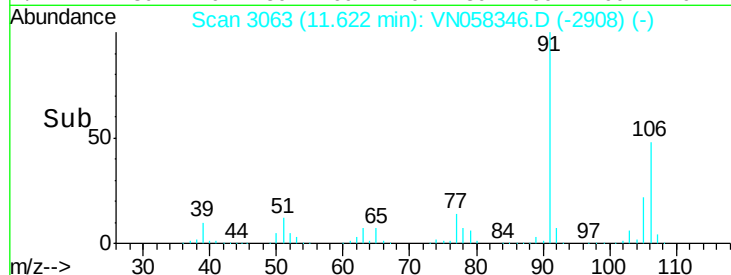
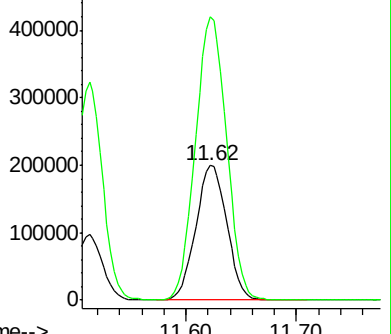
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.839 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN058346.D

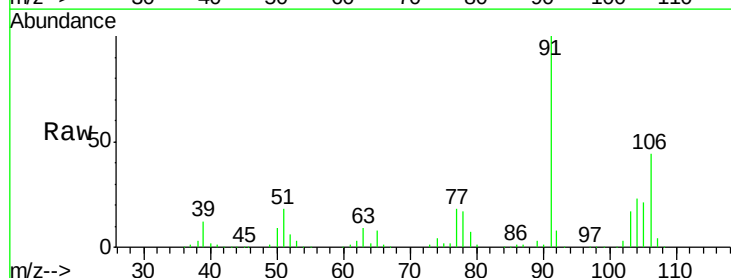
Acq: 24 Sep 2019 15:24

Tgt Ion:106 Resp: 186334

Ion Ratio Lower Upper

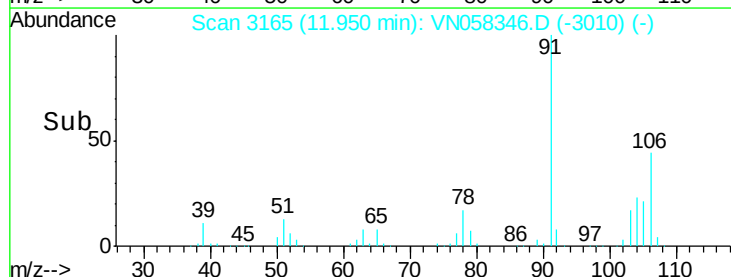
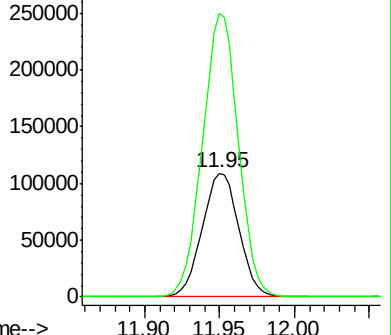
106 100

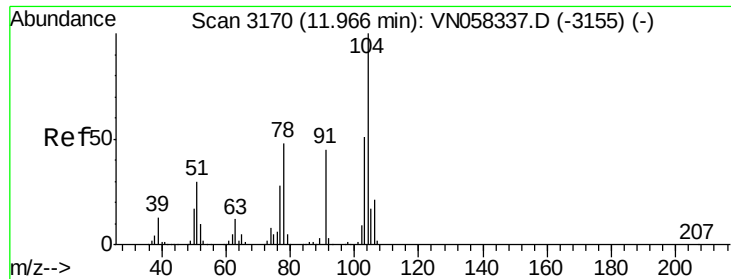
91 223.1 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





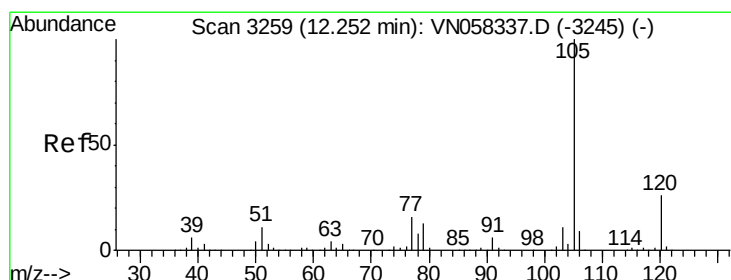
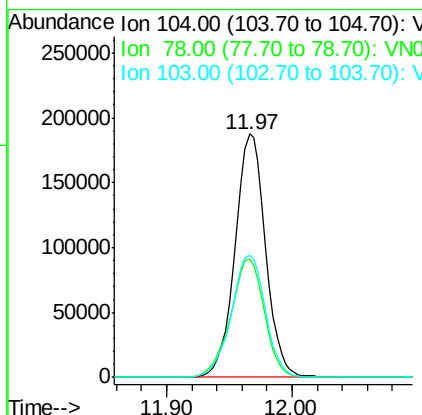
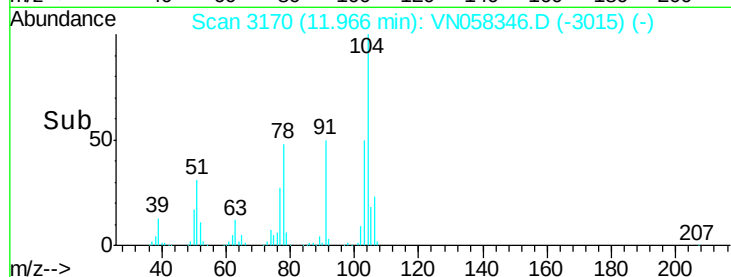
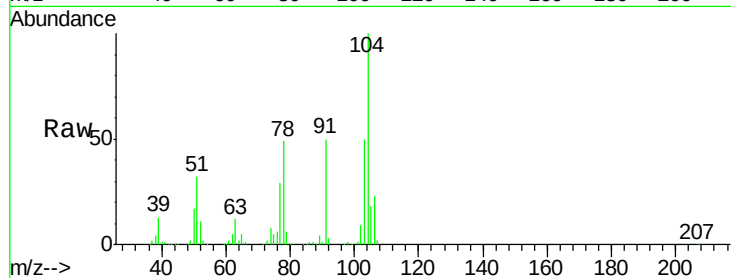
#69
Stvrene
Concen: 20.191 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	317119		
78	53.7		42.3	63.5
103	55.8		44.1	66.1

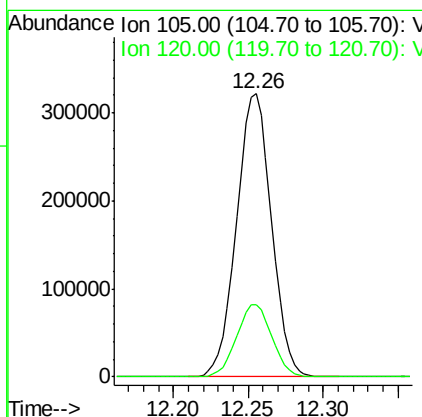
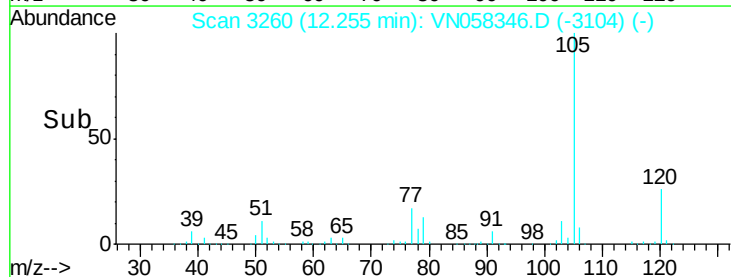
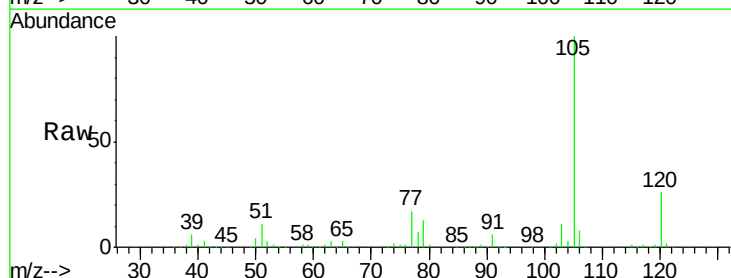
Manual Integrations
APPROVED

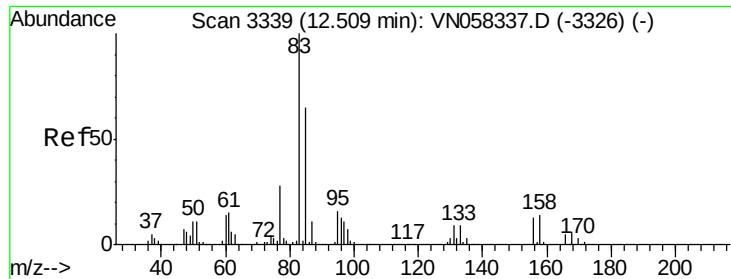
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#70
Isopropylbenzene
Concen: 21.481 ug/l
RT: 12.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	522819		
120	25.7		18.2	33.8





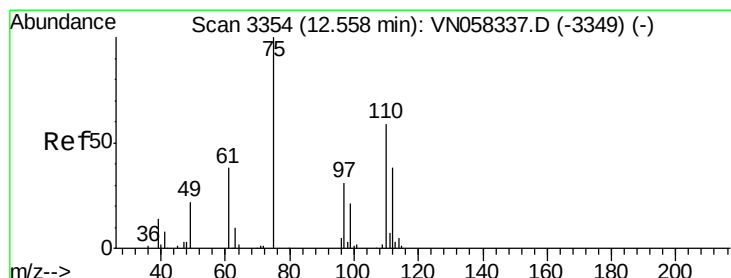
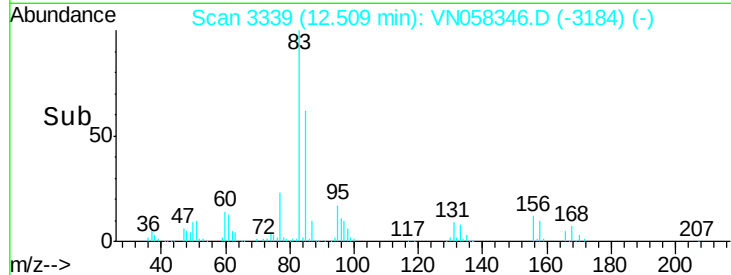
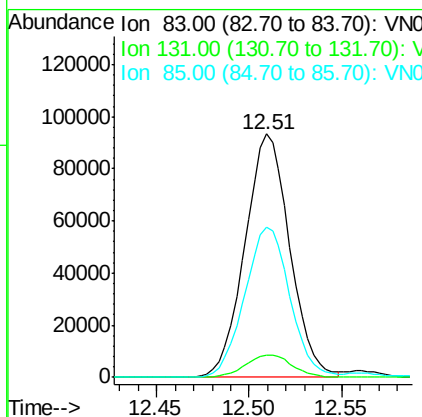
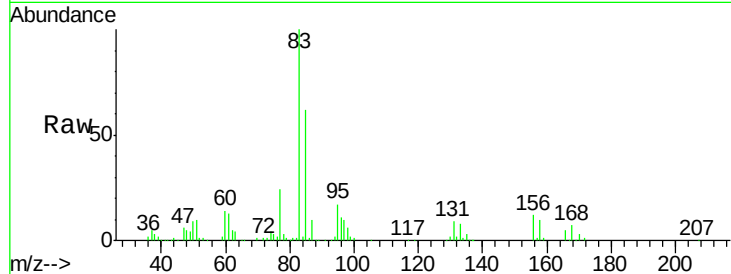
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.370 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	157577		
131	9.7	4.8	14.3	
85	62.0	32.6	97.7	

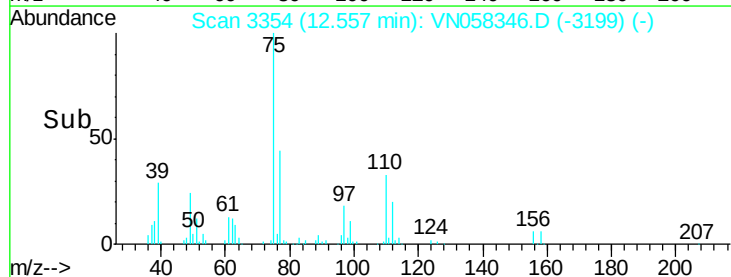
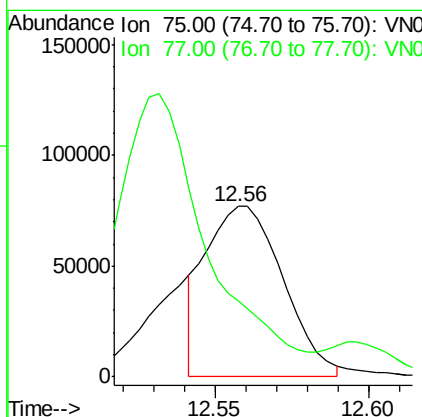
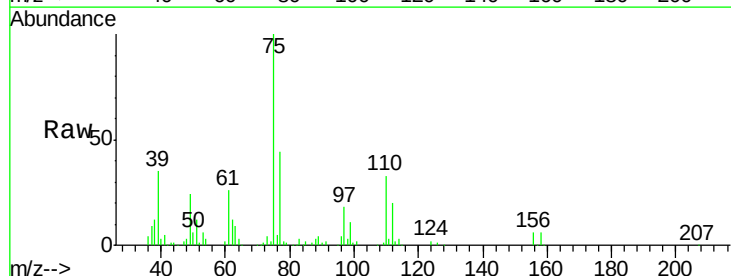
Manual Integrations
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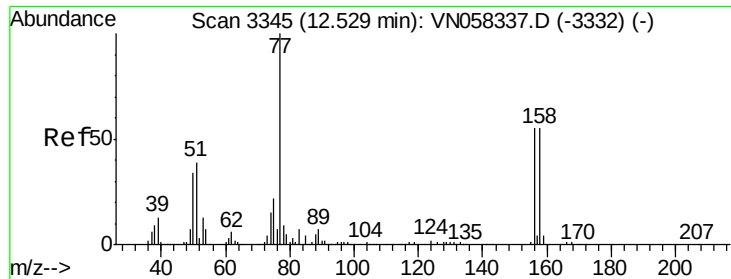
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#72
 1,2,3-Trichloropropane
 Concen: 20.153 ug/l m
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	134072		
77	198.7	0.0	382.4	





#73

Bromobenzene

Concen: 19.759 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

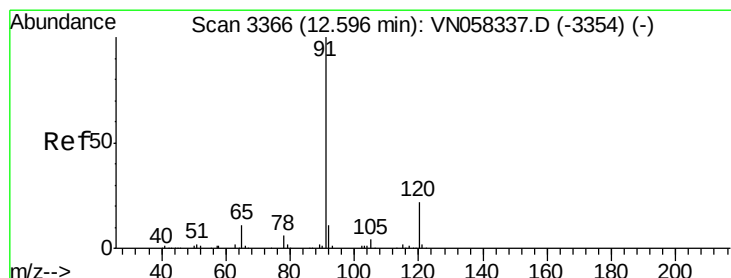
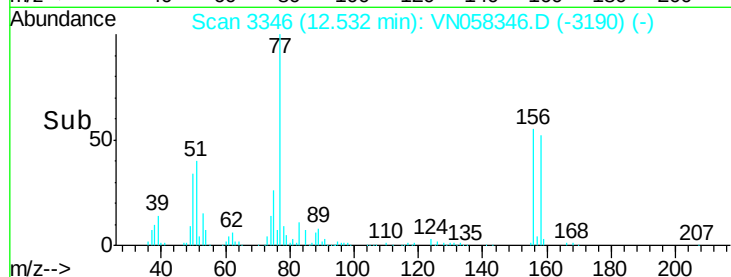
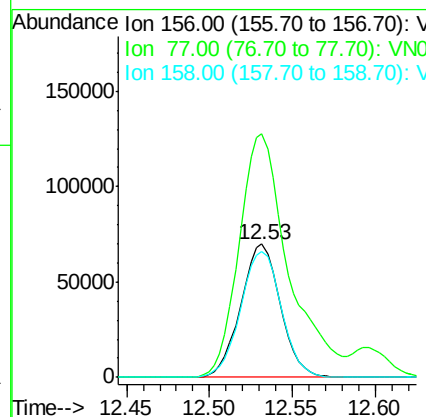
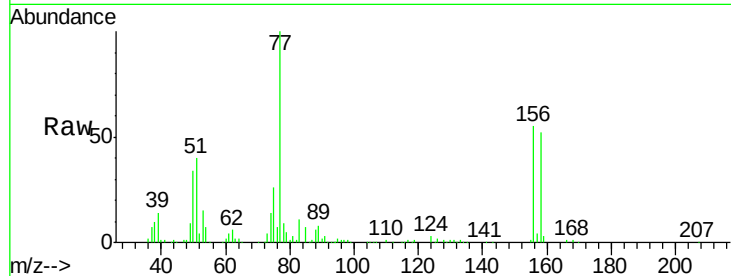
ClientSampleId :

VN0924WBS01

Tot Ion:	156	Resp:	116484
Ion Ratio	Lower	Upper	
156	100		
77	228.7	0.0	438.8
158	97.4	0.0	195.6

Manual Integrations
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#74

n-propylbenzene

Concen: 21.969 ug/l

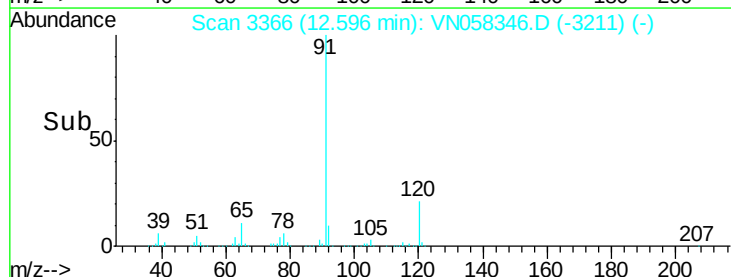
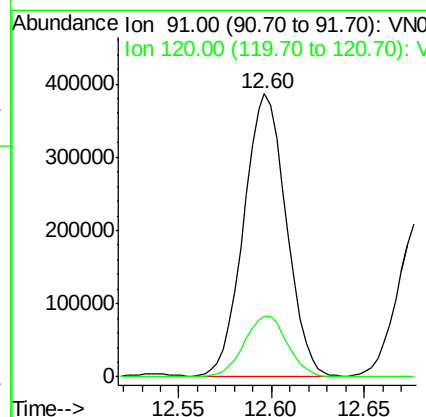
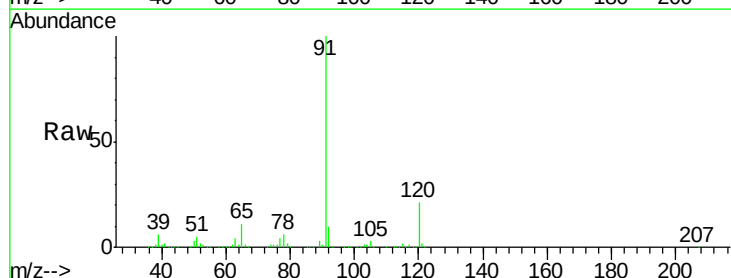
RT: 12.60 min Scan# 3366

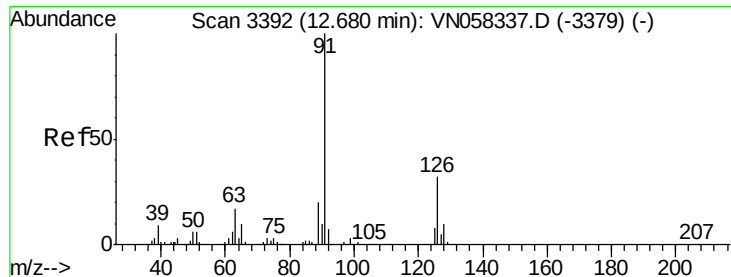
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	91	Resp:	616421
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	44.0





#75

2-Chlorotoluene

Concen: 20.355 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 91 Resp: 357271

Ion Ratio Lower Upper

91 100

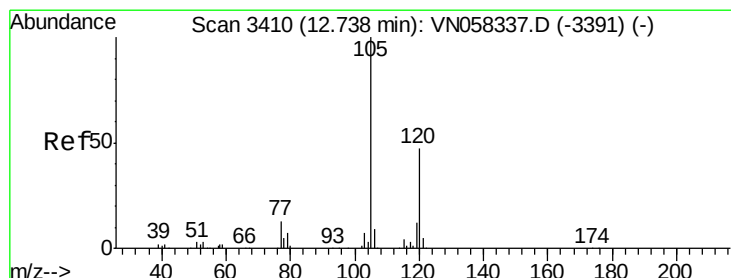
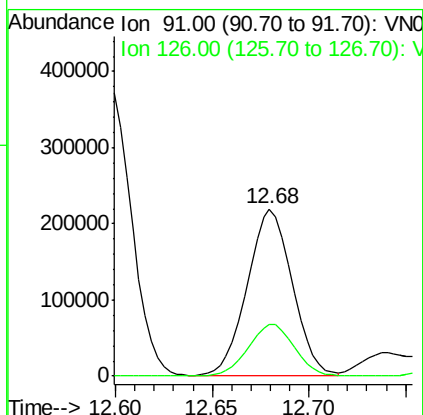
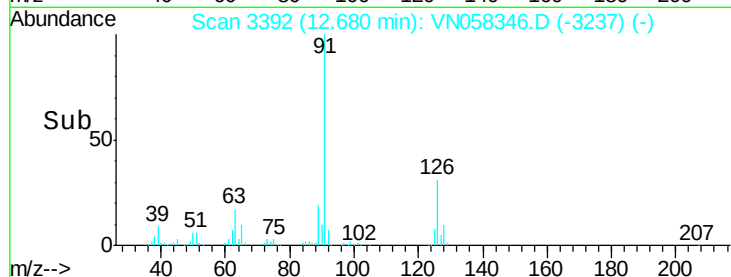
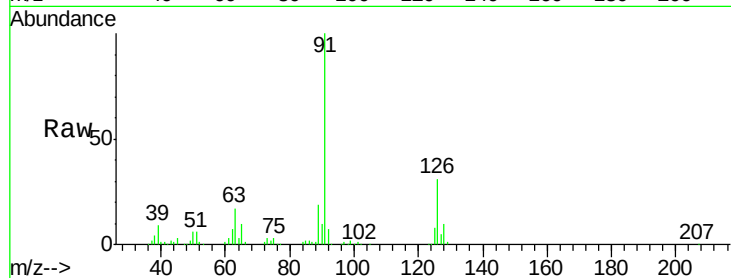
126 31.7 0.0 65.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 21.089 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058346.D

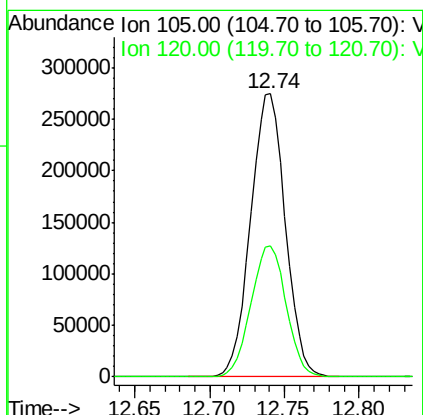
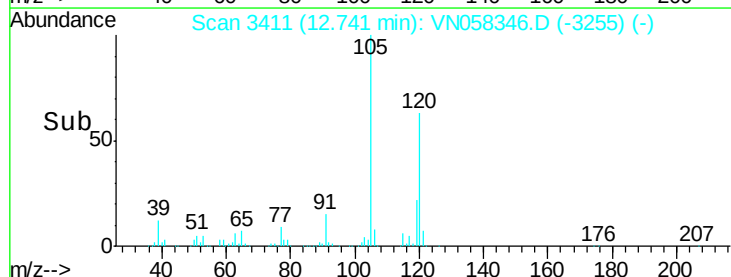
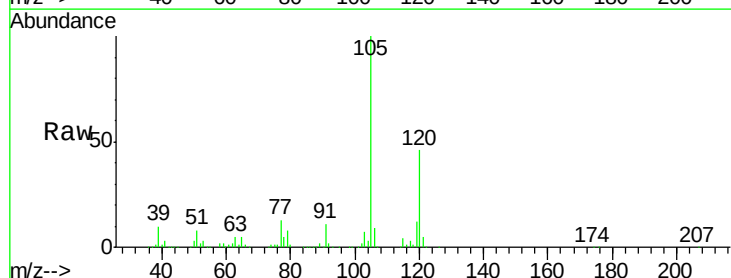
Acq: 24 Sep 2019 15:24

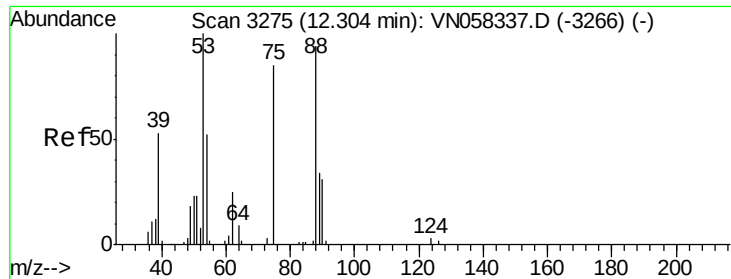
Tgt Ion: 105 Resp: 441969

Ion Ratio Lower Upper

105 100

120 47.0 0.0 94.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.378 ug/l

RT: 12.31 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

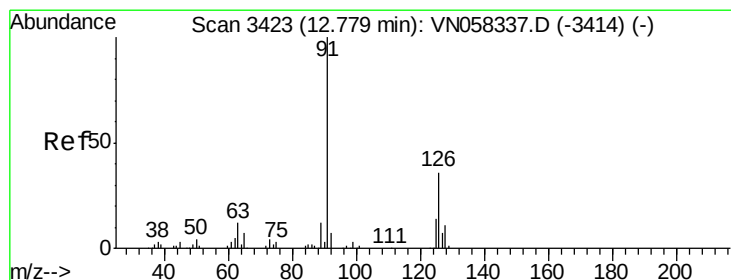
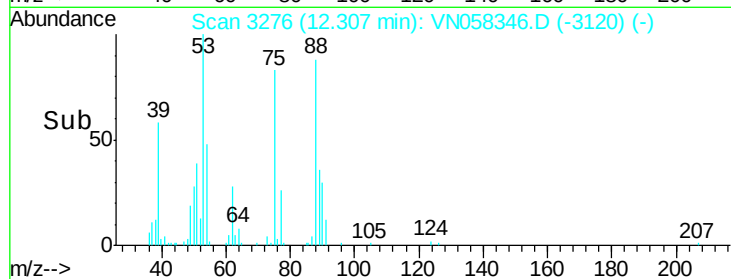
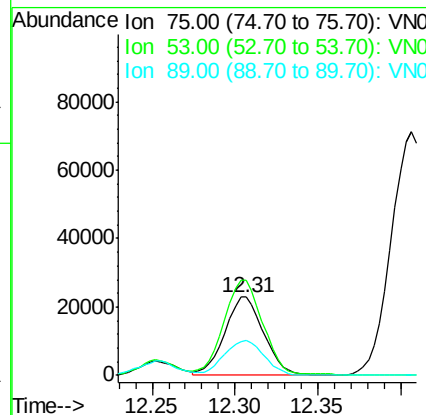
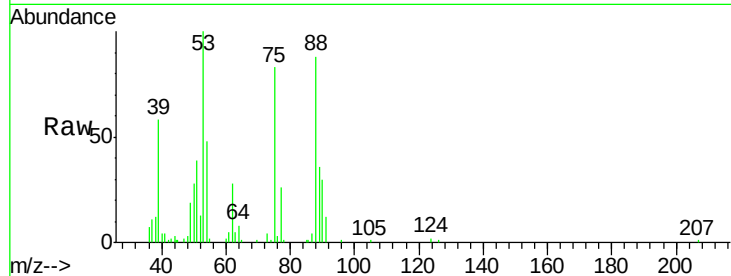
ClientSampleId :

VN0924WBS01

Tot Ion:	75	Resp:	37712
Ion Ratio	Lower	Upper	
75	100		
53	120.0	59.0	176.8
89	43.8	21.6	65.0

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#78

4-Chlorotoluene

Concen: 20.518 ug/l

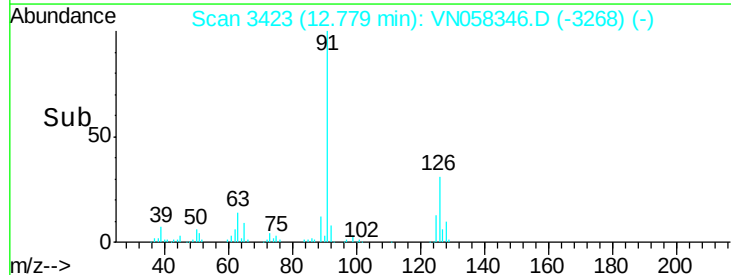
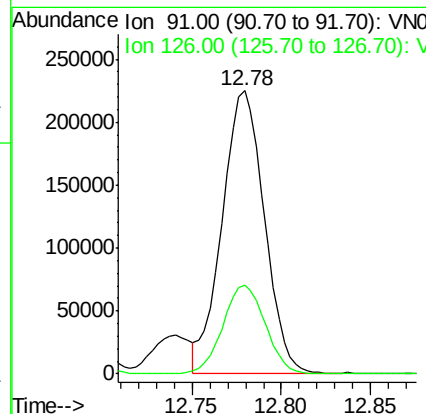
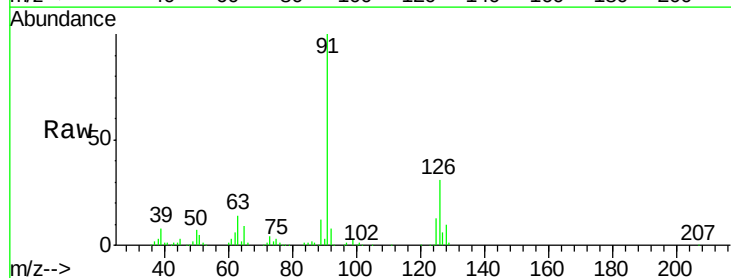
RT: 12.78 min Scan# 3423

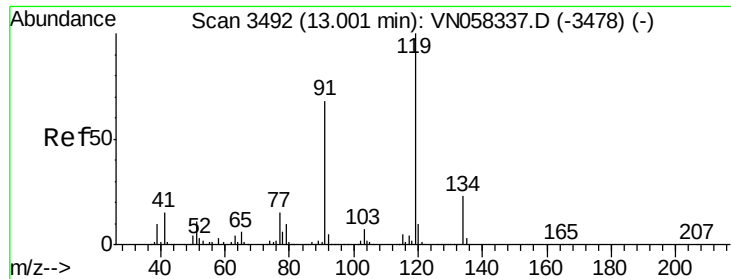
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	91	Resp:	369098
Ion Ratio	Lower	Upper	
91	100		
126	31.5	0.0	63.8





#79

tert-butylbenzene

Concen: 20.510 ug/l

RT: 13.00 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

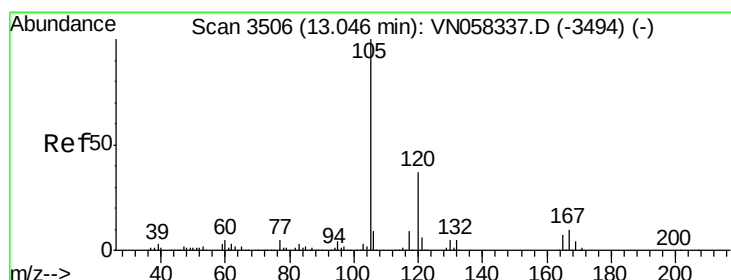
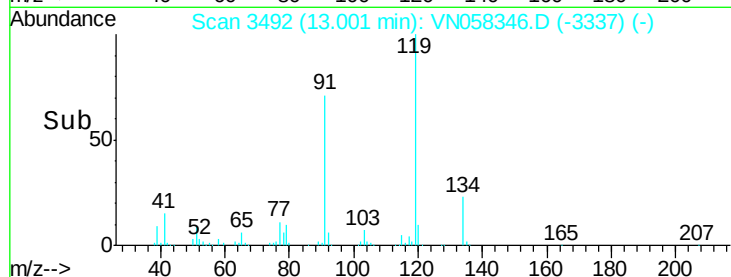
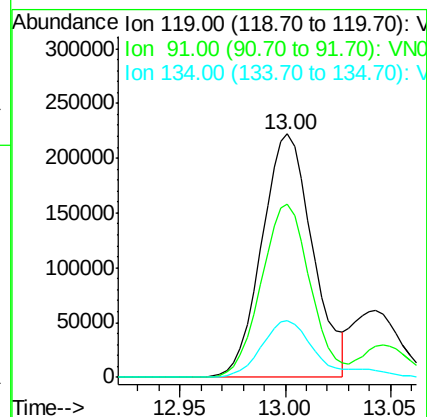
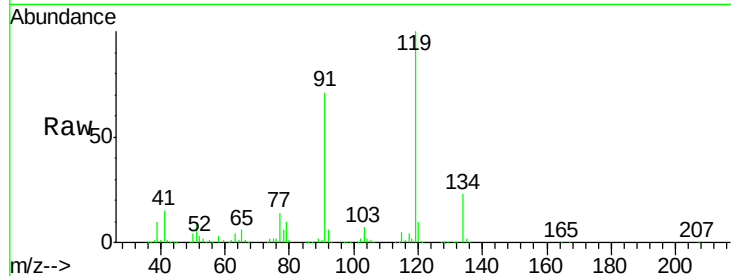
ClientSampleId :

VN0924WBS01

Tot Ion:	119	Resp:	372150
Ion Ratio	Lower	Upper	
119	100		
91	69.0	0.0	138.2
134	23.0	0.0	46.8

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#80

1,2,4-Trimethylbenzene

Concen: 20.856 ug/l

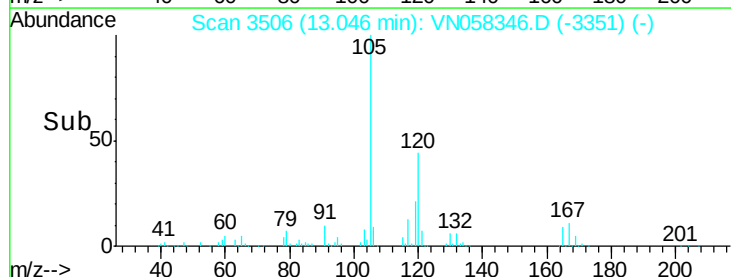
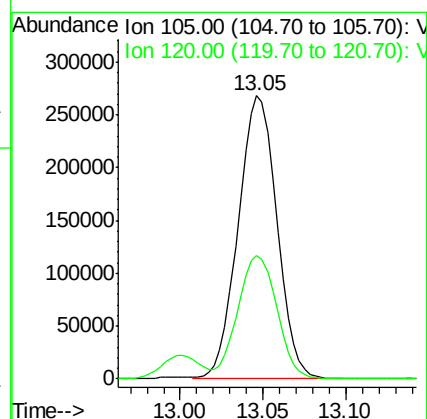
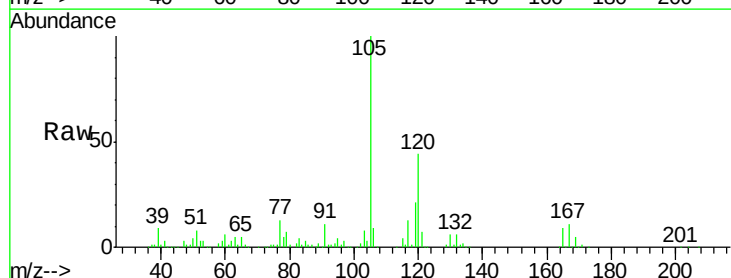
RT: 13.05 min Scan# 3506

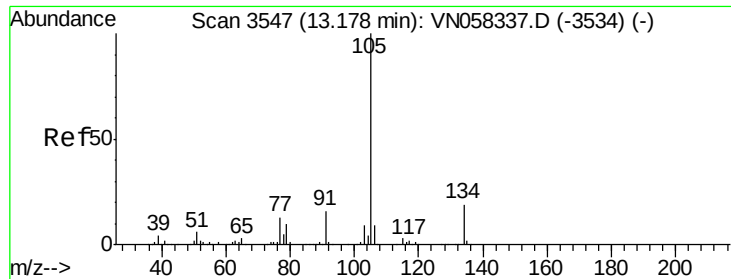
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	105	Resp:	436290
Ion Ratio	Lower	Upper	
105	100		
120	44.3	0.0	86.6





#81

sec-Butylbenzene

Concen: 21.237 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion:105 Resp: 505415

Ion Ratio Lower Upper

105 100

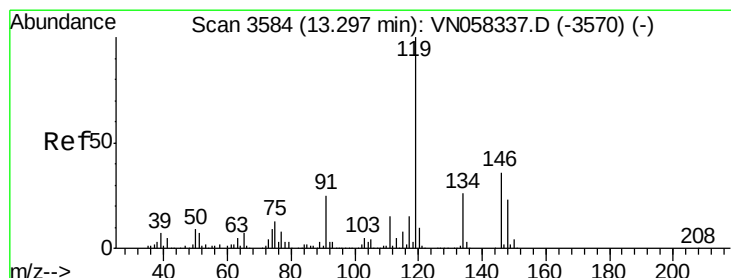
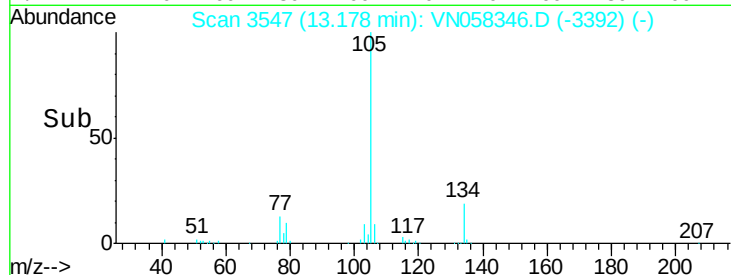
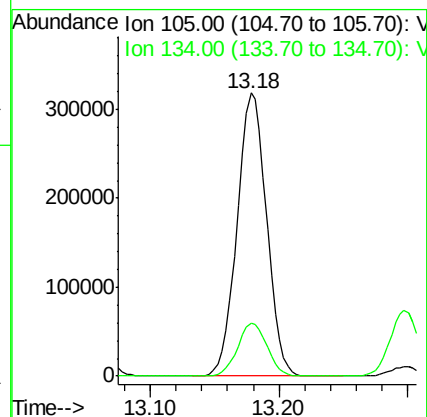
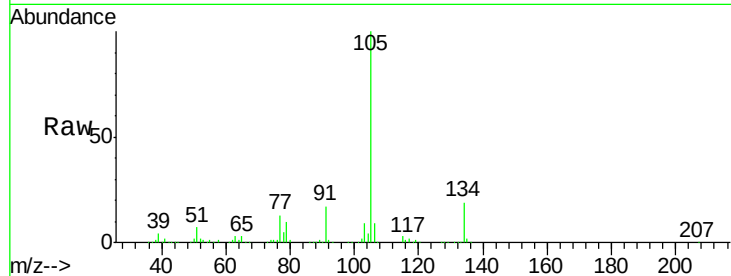
134 18.7 0.0 38.2

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#82

p-Isopropyltoluene

Concen: 21.041 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

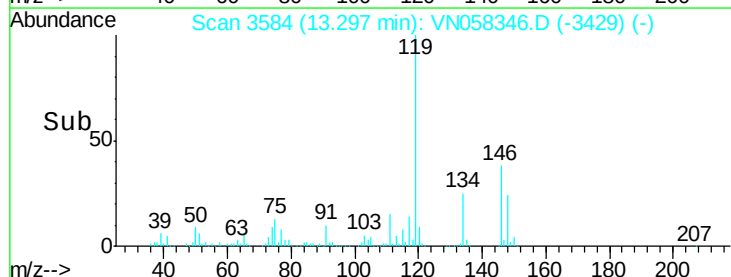
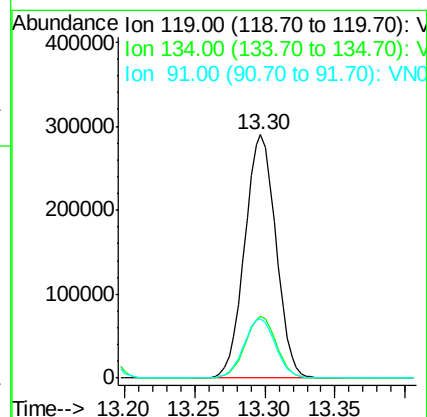
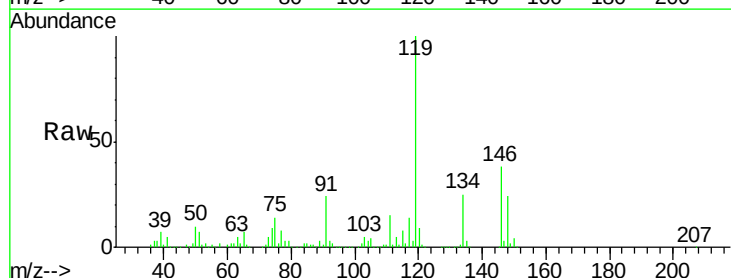
Tgt Ion:119 Resp: 450948

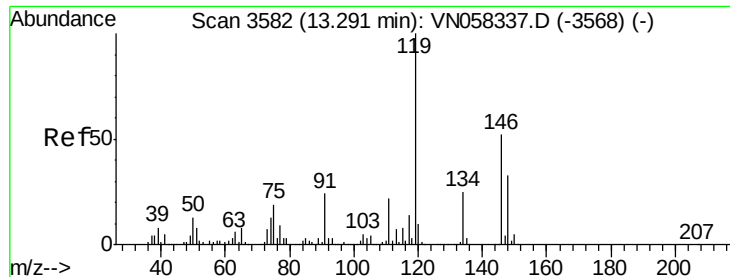
Ion Ratio Lower Upper

119 100

134 25.3 0.0 51.6

91 24.7 0.0 49.6





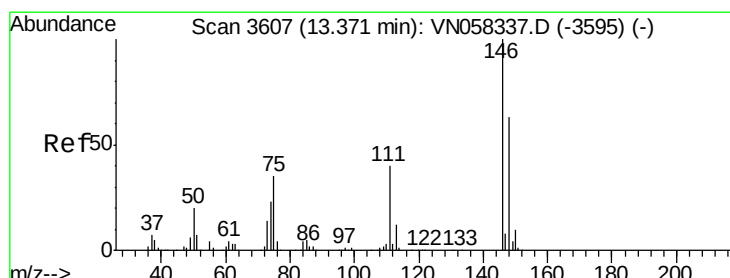
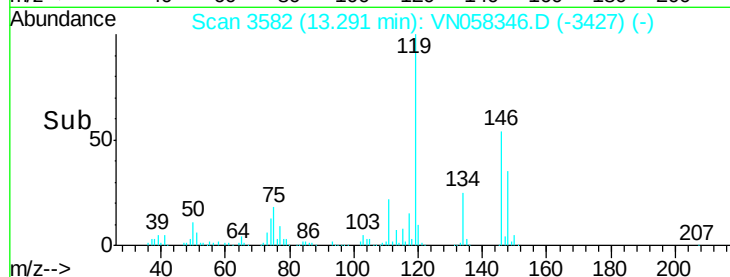
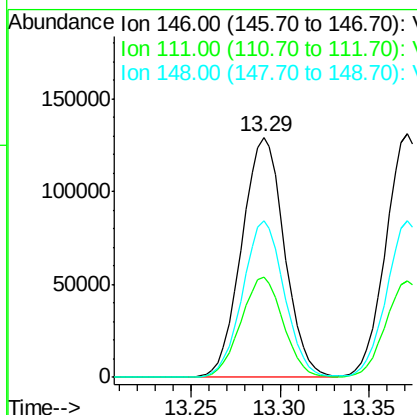
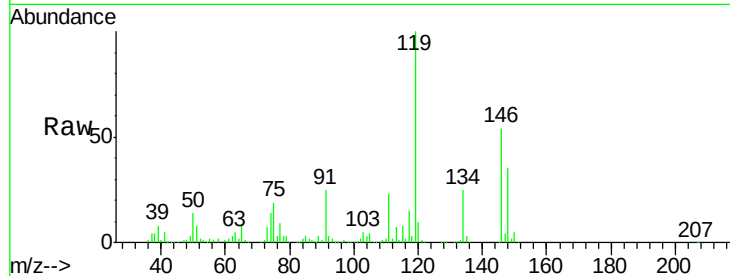
#83
 1,3-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	215727		
111	41.5	20.9	62.8	
148	63.8	32.0	96.2	

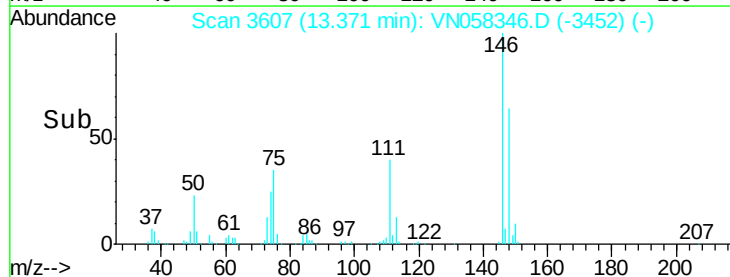
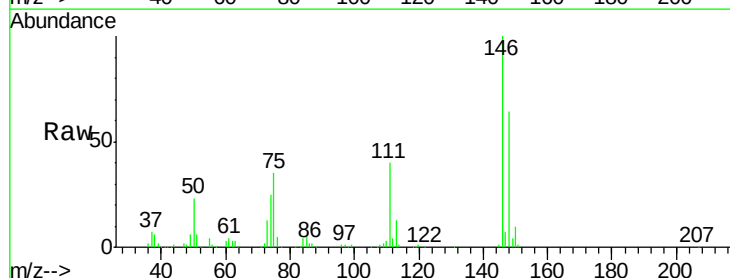
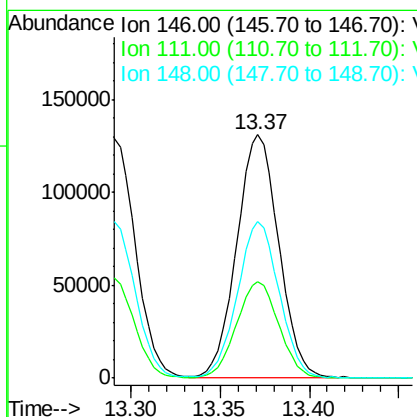
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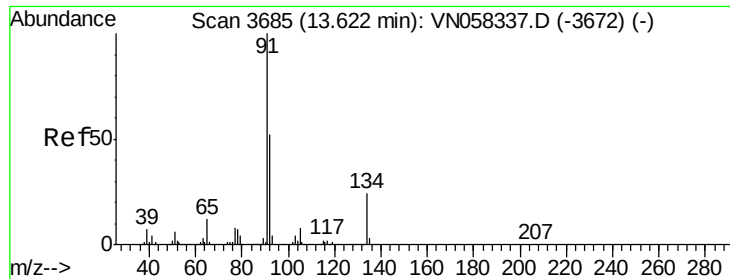
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#84
 1,4-Dichlorobenzene
 Concen: 20.012 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216633		
111	39.5	20.4	61.3	
148	63.6	31.9	95.7	





#85

n-Butylbenzene

Concen: 20.765 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Instrument :

MSVOA_N

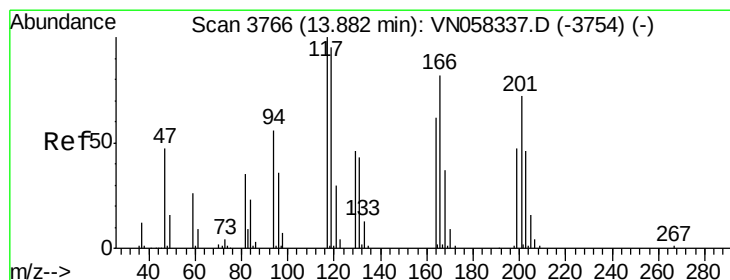
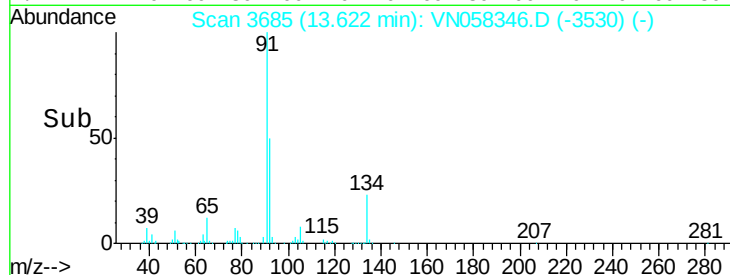
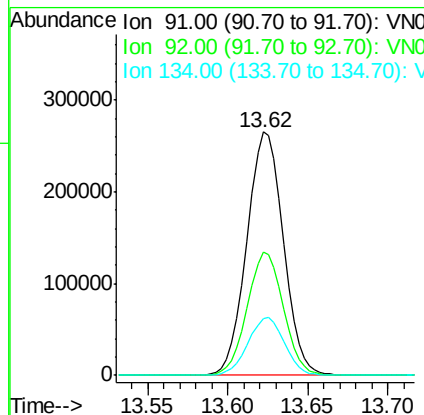
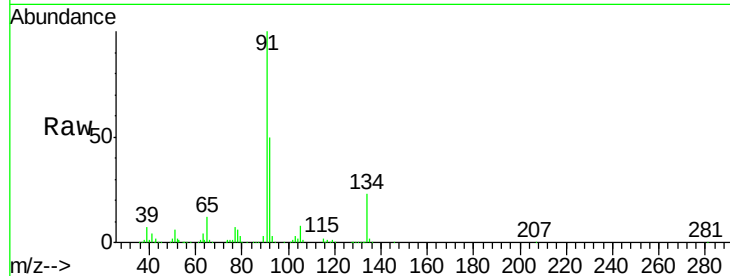
ClientSampleId :

VN0924WBS01

Tot Ion:	91	Resp:	413483
Ion Ratio	Lower	Upper	
91	100		
92	50.0	0.0	102.6
134	23.9	0.0	47.8

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#86

Hexachloroethane

Concen: 19.159 ug/l

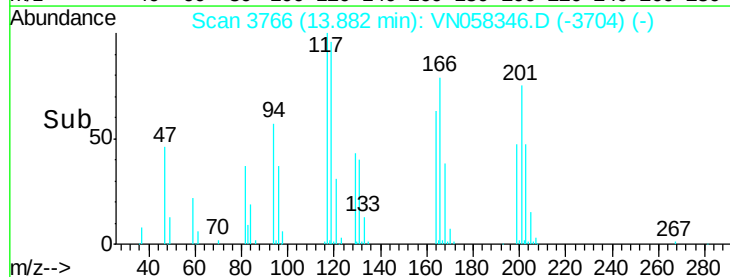
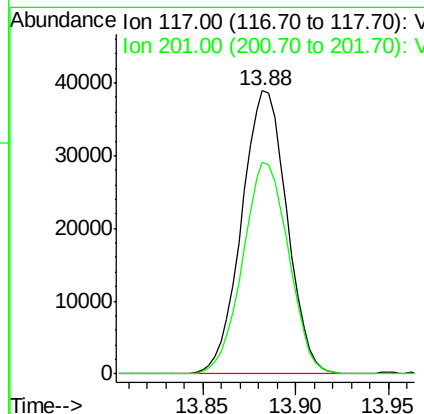
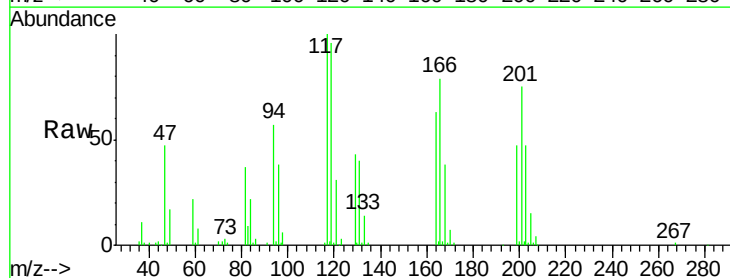
RT: 13.88 min Scan# 3766

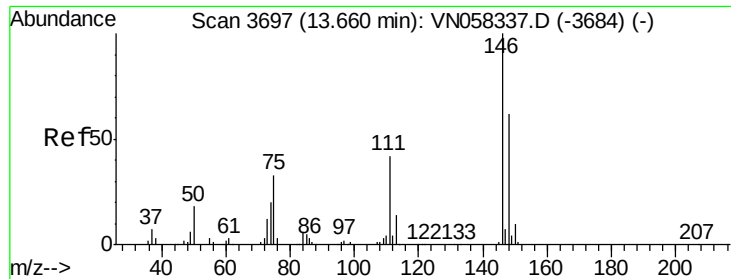
Delta R.T. -0.00 min

Lab File: VN058346.D

Acq: 24 Sep 2019 15:24

Tgt Ion:	117	Resp:	66324
Ion Ratio	Lower	Upper	
117	100		
201	75.6	37.2	111.6





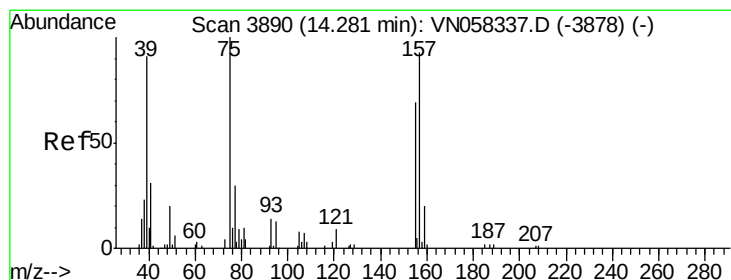
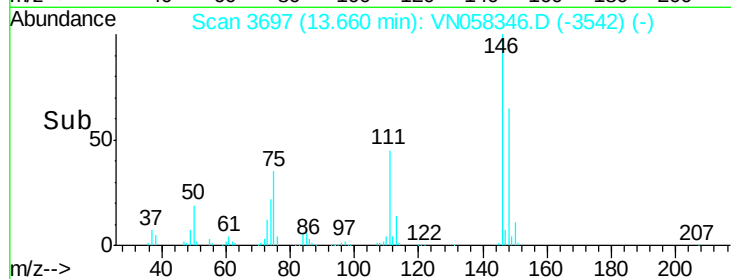
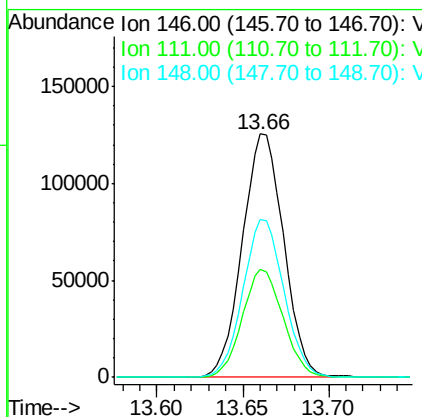
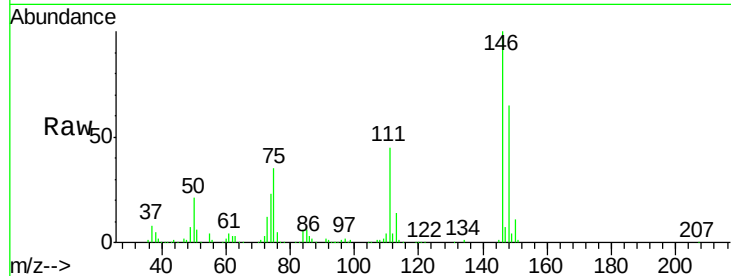
#87
 1,2-Dichlorobenzene
 Concen: 19.783 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210112		
111	43.7	21.1	63.3	
148	64.3	31.9	95.7	

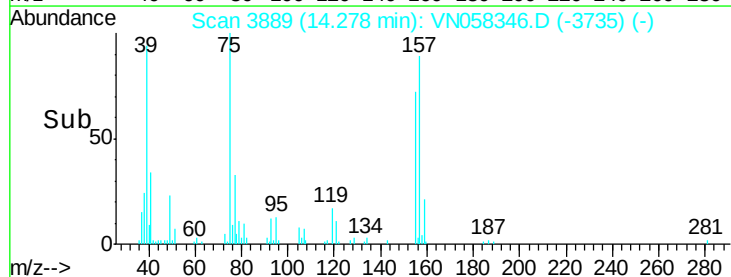
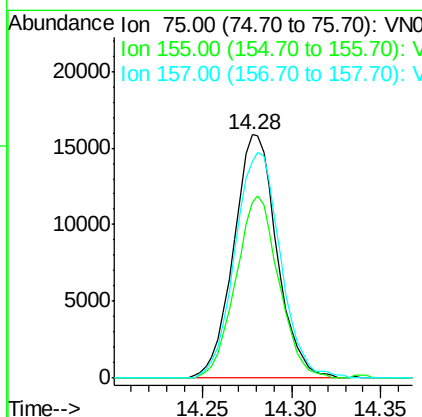
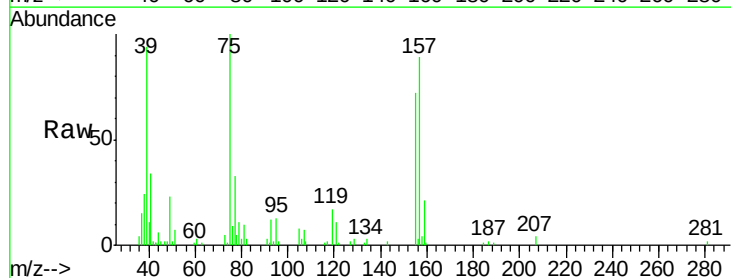
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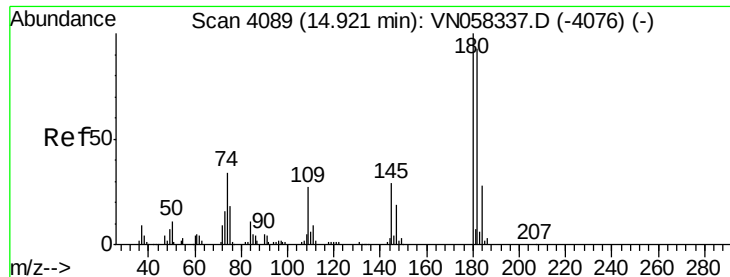
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.804 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26880		
155	74.1	58.5	87.7	
157	97.0	75.4	113.2	





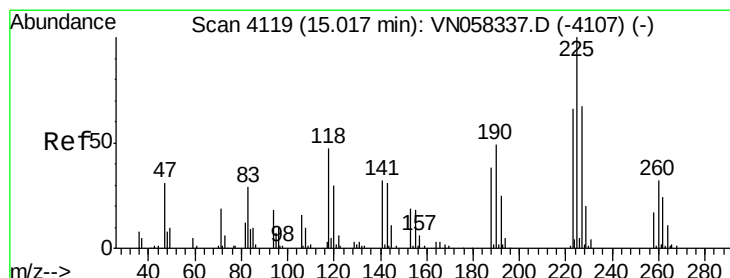
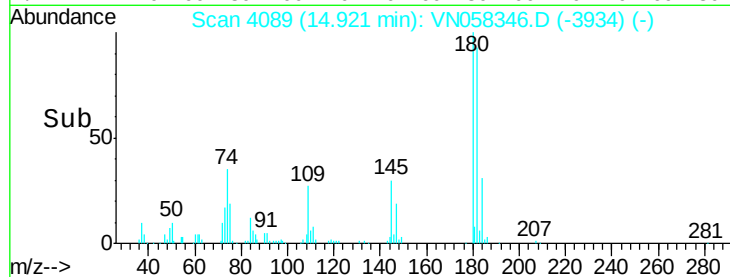
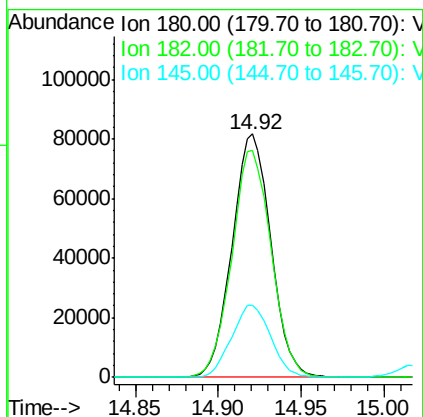
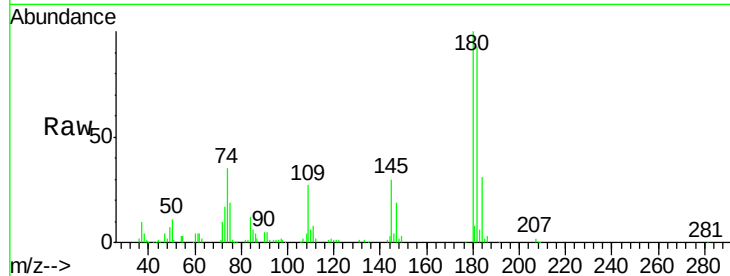
#89
 1,2,4-Trichlorobenzene
 Concen: 19.133 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132756		
182	95.0	75.2	112.8	
145	30.1	25.1	37.7	

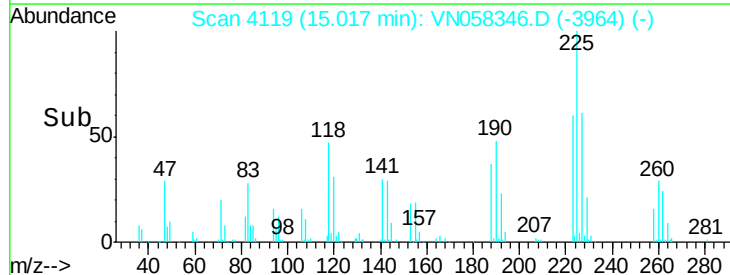
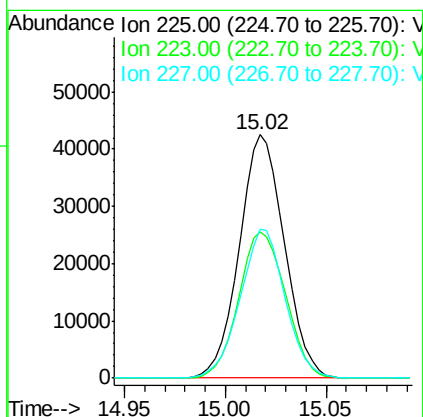
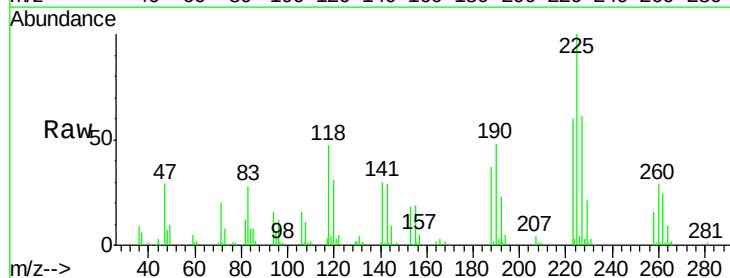
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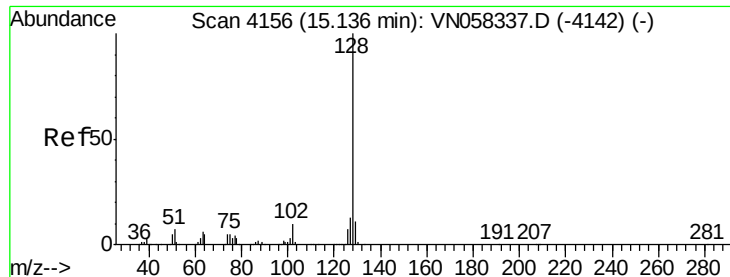
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#90
 Hexachlorobutadiene
 Concen: 19.814 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058346.D
 Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66521		
223	62.4	0.0	132.6	
227	60.9	0.0	129.2	





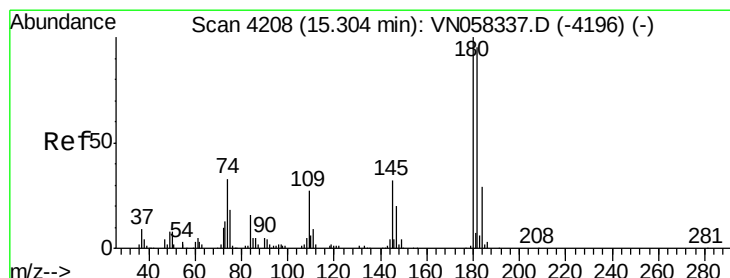
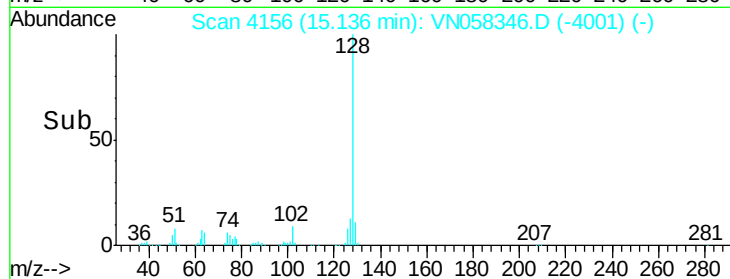
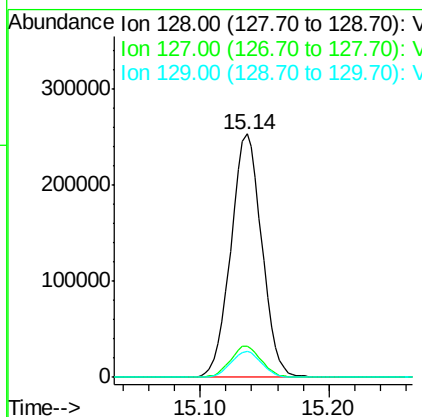
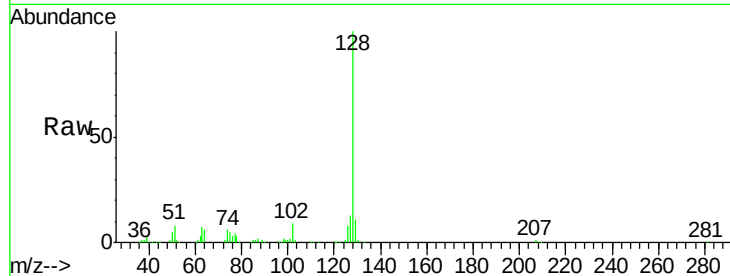
#91
Naphthalene
Concen: 22.129 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 17.923 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058346.D
Acq: 24 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	189.4
145	32.5	0.0	64.0

