

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059385.D
 Acq On : 25 Nov 2019 16:10
 Operator : JC/SP
 Sample : VN1125WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:36:55 PM

Quant Time: Nov 25 17:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	349948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	543998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	486543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	185448	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
35) Dibromofluoromethane	7.57	113	148554	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
50) Toluene-d8	10.08	98	594194	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	205885	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68414	15.271	ug/l	99
3) Chloromethane	2.04	50	81198	14.794	ug/l	100
4) Vinyl Chloride	2.17	62	87632	15.508	ug/l	100
5) Bromomethane	2.55	94	48510	15.463	ug/l	98
6) Chloroethane	2.69	64	45602	14.787	ug/l	96
7) Trichlorofluoromethane	3.00	101	90500	14.873	ug/l	99
8) Diethyl Ether	3.39	74	38551	15.497	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58254	15.656	ug/l	98
10) Methyl Iodide	3.93	142	72058	15.582	ug/l	99
11) Tert butyl alcohol	4.74	59	59170	70.385	ug/l	99
12) 1,1-Dichloroethene	3.71	96	57084	15.114	ug/l	97
13) Acrolein	3.58	56	58239	75.892	ug/l	99
14) Allyl chloride	4.30	41	105971	15.019	ug/l	100
15) Acrylonitrile	4.95	53	170299	76.618	ug/l	98
16) Acetone	3.79	43	176212	93.597	ug/l	99
17) Carbon Disulfide	4.03	76	174349	14.828	ug/l	99
18) Methyl Acetate	4.29	43	98261	15.727	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	187064	15.334	ug/l	99
20) Methylene Chloride	4.52	84	66754	15.721	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	61962	15.479	ug/l	99
22) Diisopropyl ether	5.92	45	203528	15.321	ug/l	95
23) Vinyl Acetate	5.87	43	798031	76.391	ug/l	100
24) 1,1-Dichloroethane	5.82	63	117321	15.690	ug/l	99
25) 2-Butanone	6.81	43	228411	78.022	ug/l	96
26) 2,2-Dichloropropane	6.80	77	99504	15.368	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	70277	15.561	ug/l	98
28) Bromochloromethane	7.17	49	44993	16.428	ug/l	94
29) Tetrahydrofuran	7.18	42	152092	75.134	ug/l	100
30) Chloroform	7.35	83	111432	15.261	ug/l	98
31) Cyclohexane	7.63	56	109740	14.843	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	94141	15.100	ug/l	99
36) 1,1-Dichloropropene	7.77	75	83632	14.892	ug/l	98
37) Ethyl Acetate	6.90	43	90685	15.025	ug/l	98
38) Carbon Tetrachloride	7.75	117	82969	15.432	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059385.D
 Acq On : 25 Nov 2019 16:10
 Operator : JC/SP
 Sample : VN1125WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1125WBS02

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:36:55 PM

Quant Time: Nov 25 17:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	101993	15.061	ug/l	99
40) Benzene	8.02	78	260781	15.821	ug/l	99
41) Methacrylonitrile	7.16	41	45016m	16.801	ug/l	
42) 1,2-Dichloroethane	8.10	62	85519	15.688	ug/l	99
43) Isopropyl Acetate	8.14	43	140816	15.266	ug/l	99
44) Trichloroethene	8.82	130	66369	15.888	ug/l	97
45) 1,2-Dichloropropane	9.10	63	69430	15.797	ug/l	99
46) Dibromomethane	9.19	93	43114	15.992	ug/l	97
47) Bromodichloromethane	9.39	83	82978	15.368	ug/l	99
48) Methyl methacrylate	9.19	41	60780	14.490	ug/l	97
49) 1,4-Dioxane	9.18	88	19484	309.063	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	427390	79.160	ug/l	99
52) Toluene	10.15	92	156855	15.826	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	98062	15.624	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	106725	15.670	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	62818	16.302	ug/l	100
56) Ethyl methacrylate	10.42	69	89949	15.408	ug/l	97
57) 1,3-Dichloropropane	10.70	76	108251	16.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	107879	63.828	ug/l	100
59) 2-Hexanone	10.74	43	313630	79.331	ug/l	99
60) Dibromochloromethane	10.90	129	62840	15.475	ug/l	97
61) 1,2-Dibromoethane	11.00	107	62928	15.695	ug/l	99
64) Tetrachloroethene	10.63	164	59567	15.830	ug/l	99
65) Chlorobenzene	11.43	112	165287	15.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59922	15.767	ug/l	99
67) Ethyl Benzene	11.51	91	291625	15.612	ug/l	99
68) m/p-Xylenes	11.62	106	216573	31.202	ug/l	100
69) o-Xylene	11.95	106	103670	15.601	ug/l	100
70) Styrene	11.96	104	160680	15.325	ug/l	99
71) Bromoform	12.13	173	44335	15.403	ug/l #	100
73) Isopropylbenzene	12.25	105	276564	15.277	ug/l	100
74) N-amyl acetate	12.07	43	103898	14.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	88873	14.841	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	79494m	15.571	ug/l	
77) Bromobenzene	12.53	156	67111	15.284	ug/l	98
78) n-propylbenzene	12.59	91	318301	15.522	ug/l	99
79) 2-Chlorotoluene	12.67	91	189420	15.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	233234	15.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30478	14.932	ug/l	98
82) 4-Chlorotoluene	12.77	91	194910	14.965	ug/l	100
83) tert-Butylbenzene	12.99	119	197374	15.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	230533	15.465	ug/l	100
85) sec-Butylbenzene	13.17	105	266383	15.421	ug/l	100
86) p-Isopropyltoluene	13.29	119	235769	15.338	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	116342	14.879	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116136	15.011	ug/l	99
89) n-Butylbenzene	13.62	91	200518	14.870	ug/l	99
90) Hexachloroethane	13.88	117	42569	14.623	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	113579	15.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16470	12.936	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059385.D
Acq On : 25 Nov 2019 16:10
Operator : JC/SP
Sample : VN1125WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM

Quant Time: Nov 25 17:57:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61184	15.177	ug/l	100
94) Hexachlorobutadiene	15.01	225	41080	15.071	ug/l	98
95) Naphthalene	15.13	128	152222	14.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	61352	14.681	ug/l	98

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

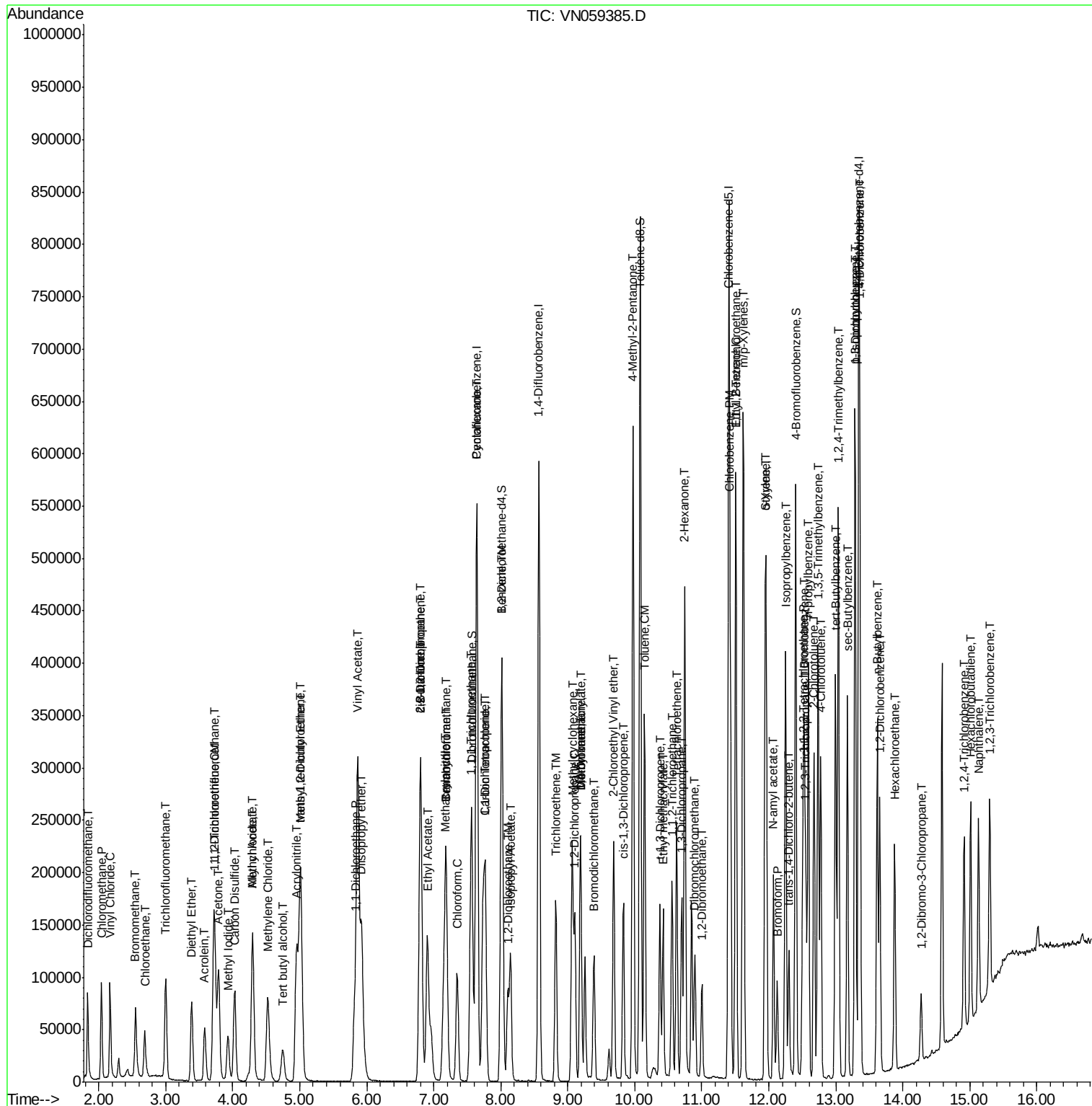
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059385.D
Acq On : 25 Nov 2019 16:10
Operator : JC/SP
Sample : VN1125WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

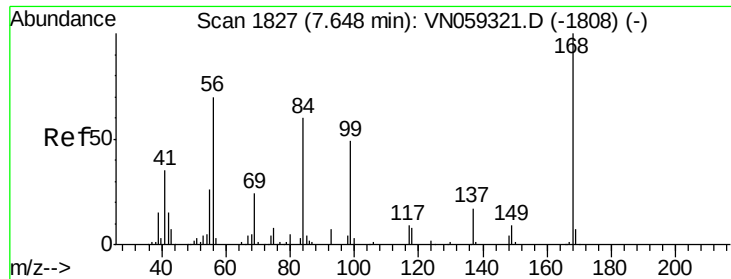
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM

Quant Time: Nov 25 17:57:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion:168 Resp: 349948

Ion Ratio Lower Upper

168 100

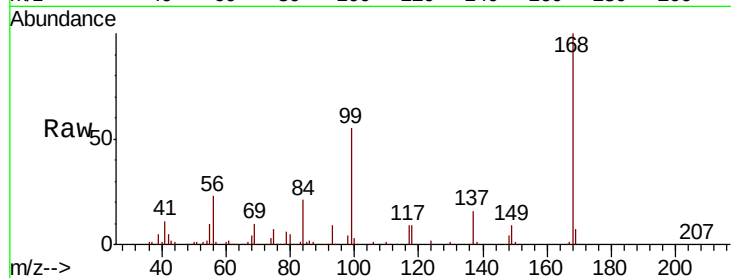
99 54.9 44.6 66.8

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

150000

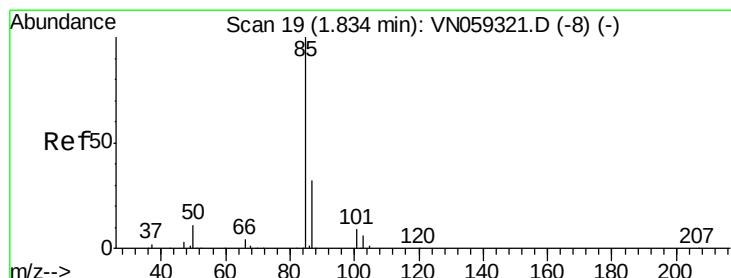
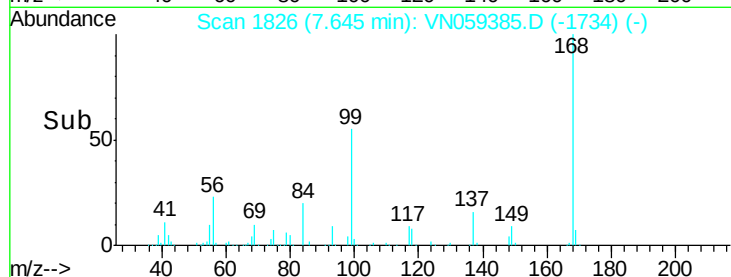
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.271 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059385.D

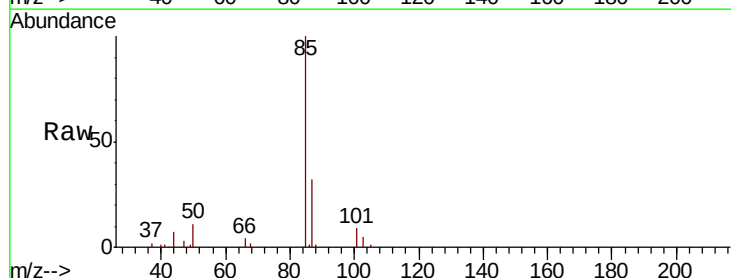
Acq: 25 Nov 2019 16:10

Tgt Ion: 85 Resp: 68414

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC

50000

40000

30000

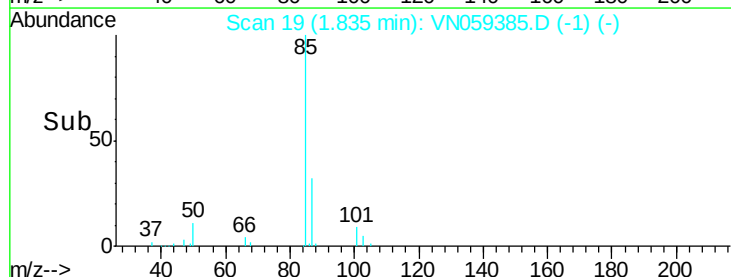
20000

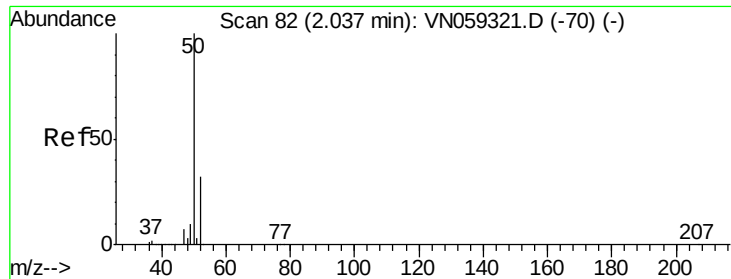
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 14.794 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 50 Resp: 81198

Ion Ratio Lower Upper

50 100

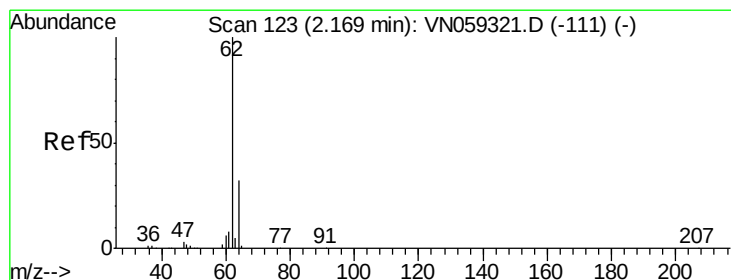
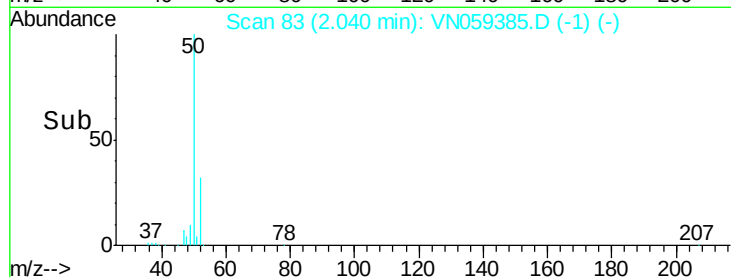
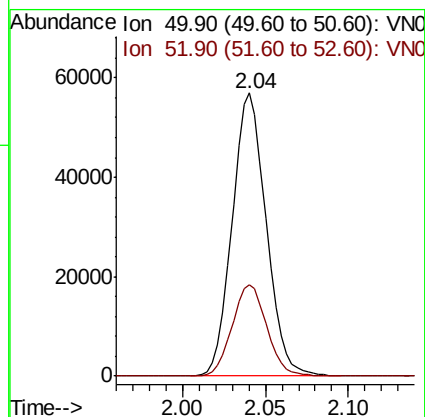
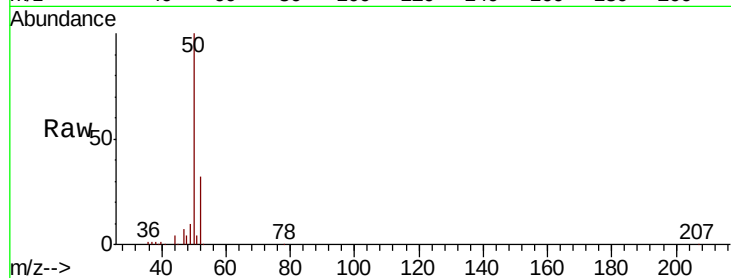
52 32.4 26.0 39.0

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#4

Vinyl Chloride

Concen: 15.508 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059385.D

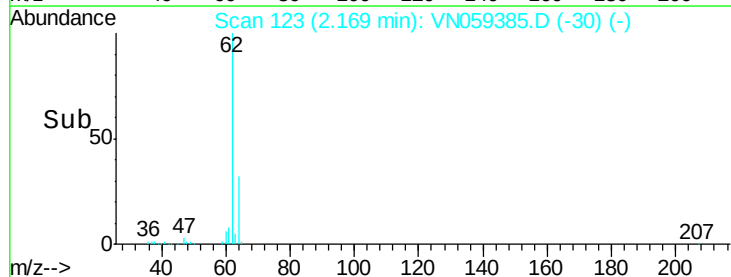
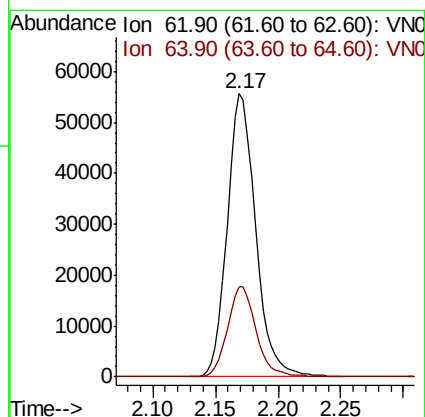
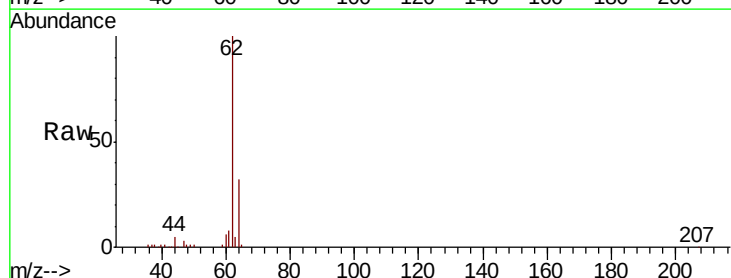
Acq: 25 Nov 2019 16:10

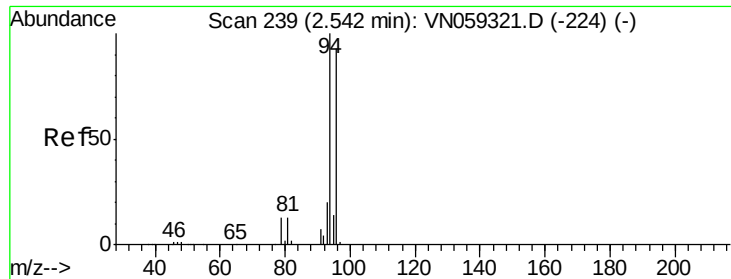
Tgt Ion: 62 Resp: 87632

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 15.463 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 94 Resp: 48510

Ion Ratio Lower Upper

94 100

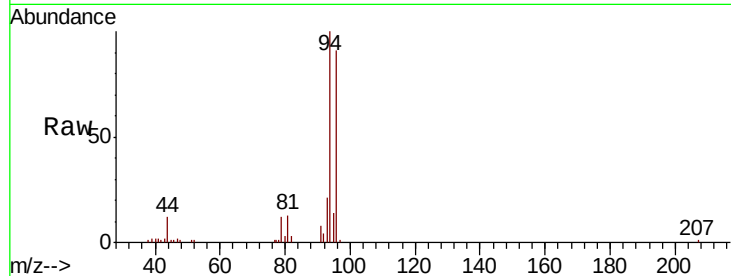
96 91.3 74.5 111.7

Manual Integrations

APPROVED

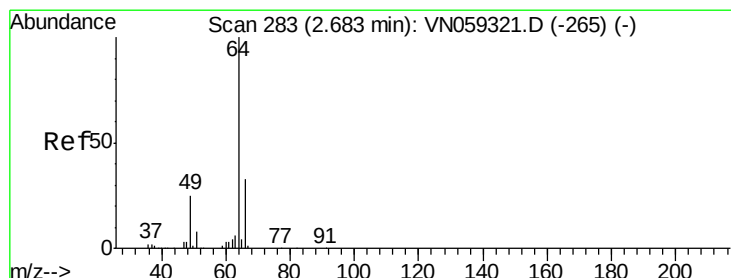
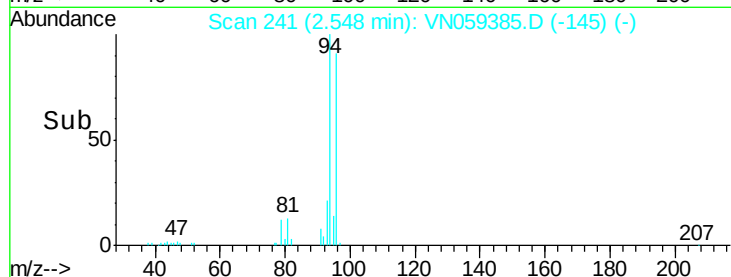
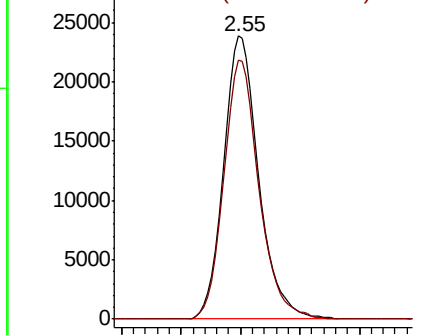
apatel

11/26/2019 12:36:55 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 14.787 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059385.D

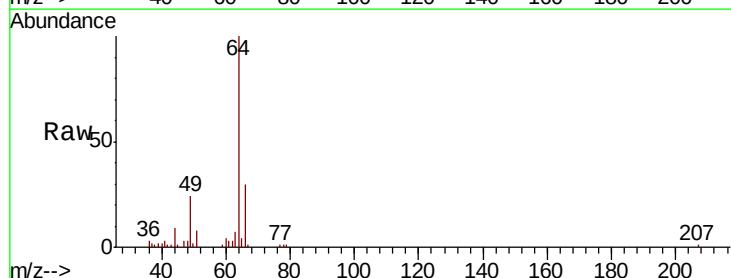
Acq: 25 Nov 2019 16:10

Tgt Ion: 64 Resp: 45602

Ion Ratio Lower Upper

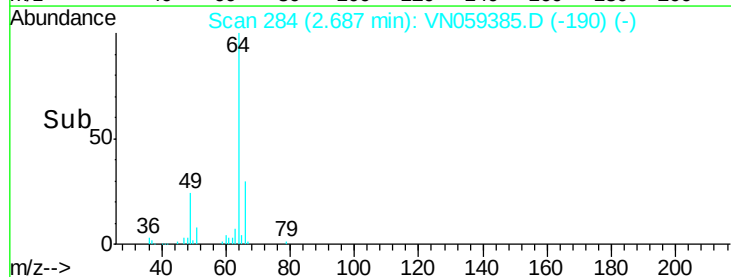
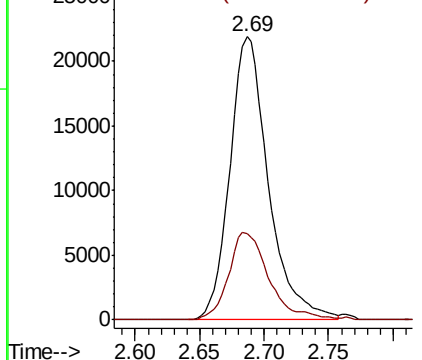
64 100

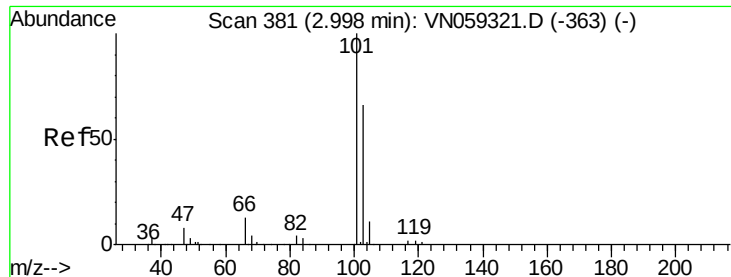
66 30.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

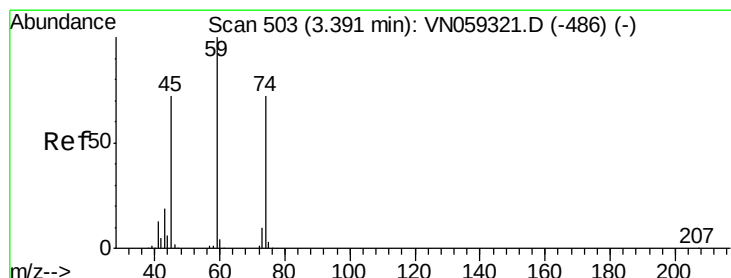
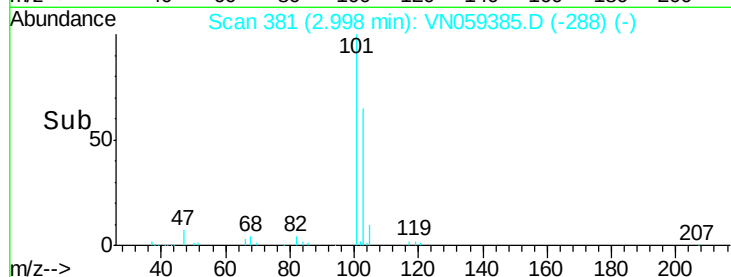
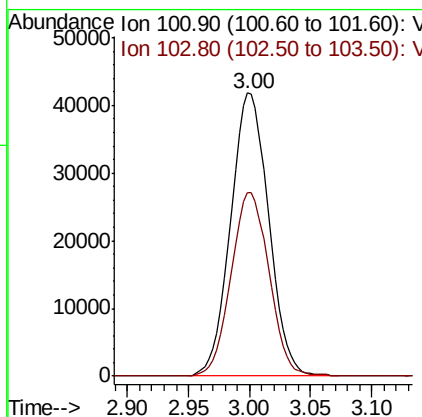
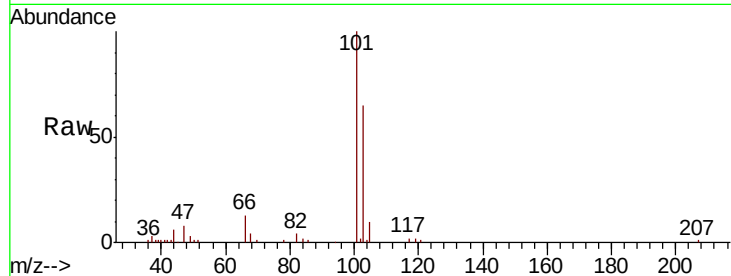
Trichlorofluoromethane
Concen: 14.873 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.5	78.7

Manual Integrations
APPROVED

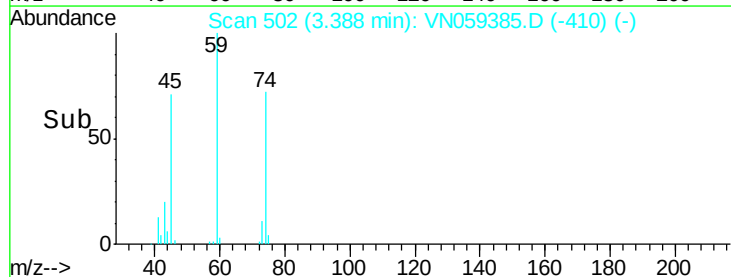
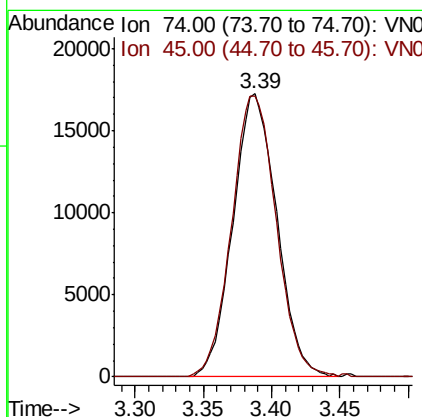
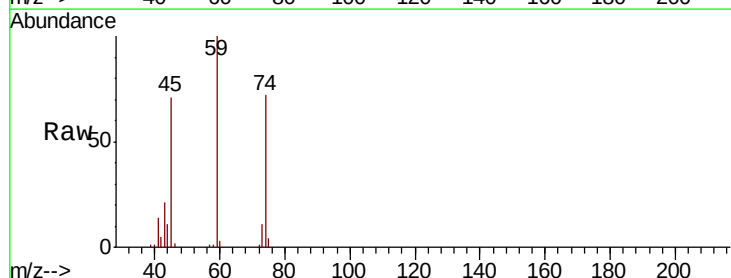
apatel
11/26/2019 12:36:55 PM

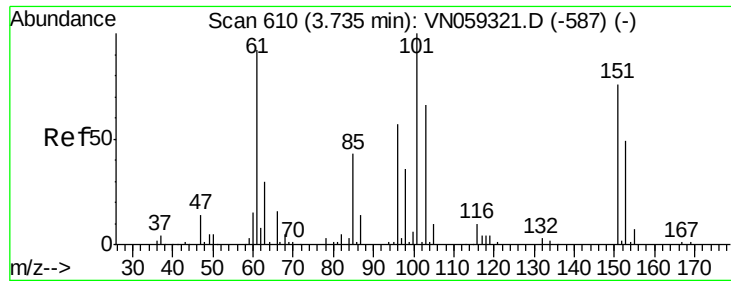


#8

Diethyl Ether
Concen: 15.497 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.656 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

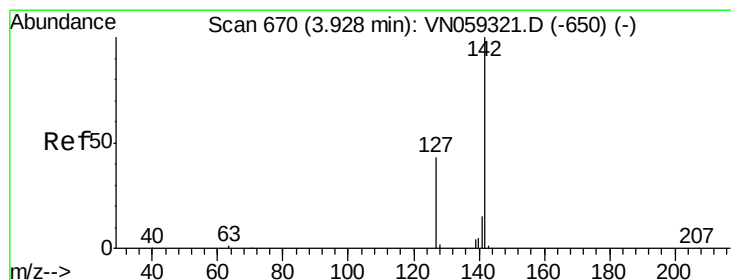
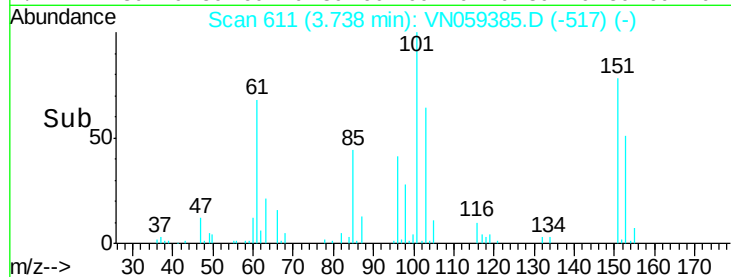
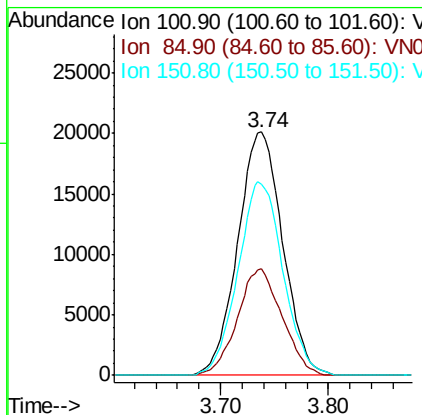
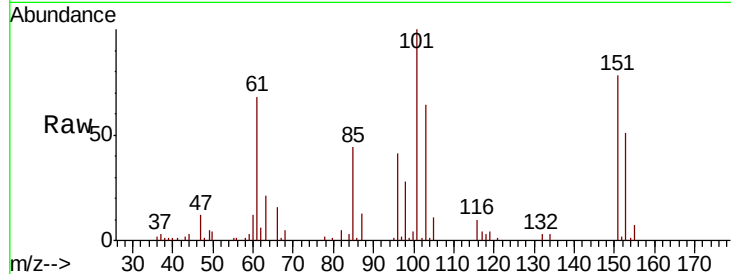
ClientSampleId :

VN1125WBS02

Tot Ion:	101	Resp:	58254
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.8	52.2
151	79.8	62.2	93.4

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#10

Methyl Iodide

Concen: 15.582 ug/l

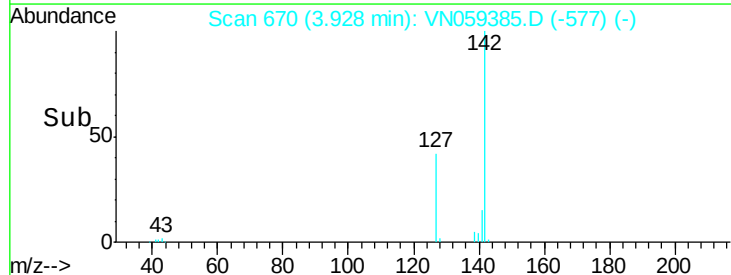
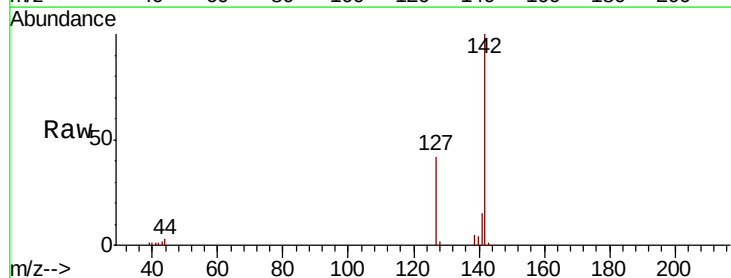
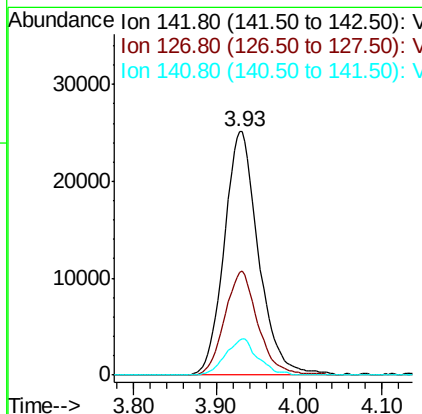
RT: 3.93 min Scan# 670

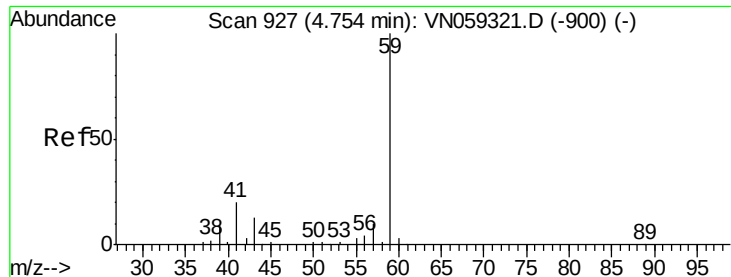
Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	142	Resp:	72058
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.8	50.6
141	14.1	11.2	16.8





#11

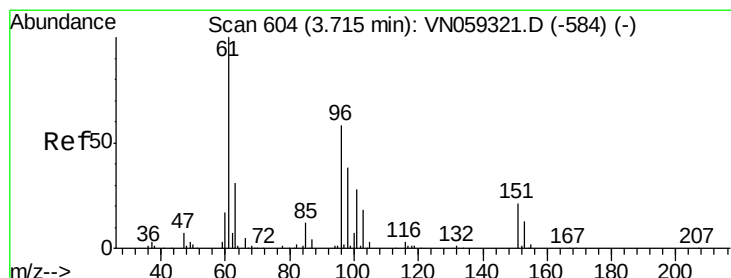
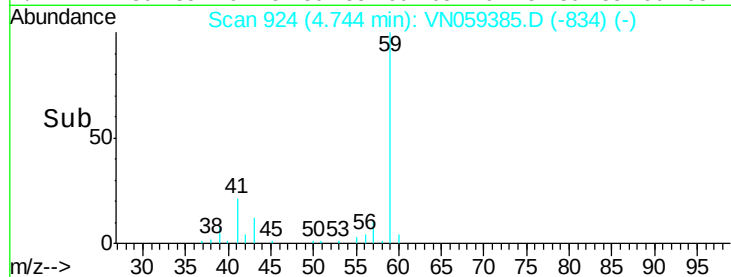
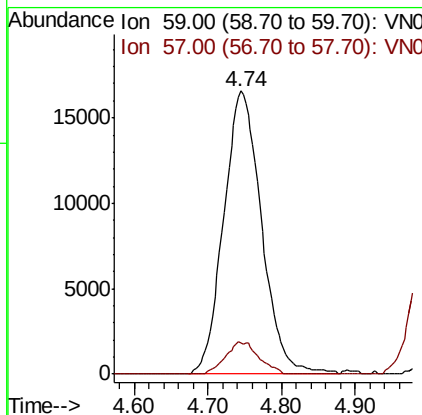
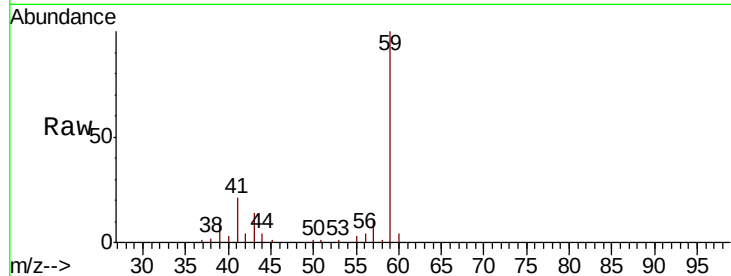
Tert butyl alcohol
 Concen: 70.385 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN1125WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

Manual Integrations
 APPROVED

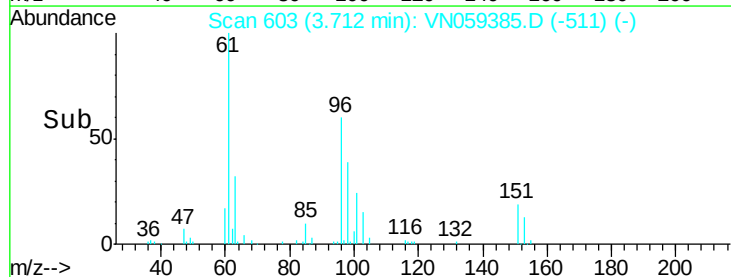
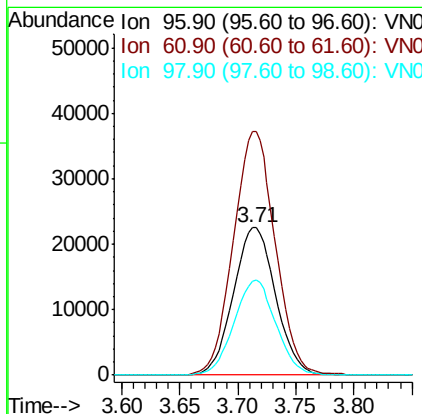
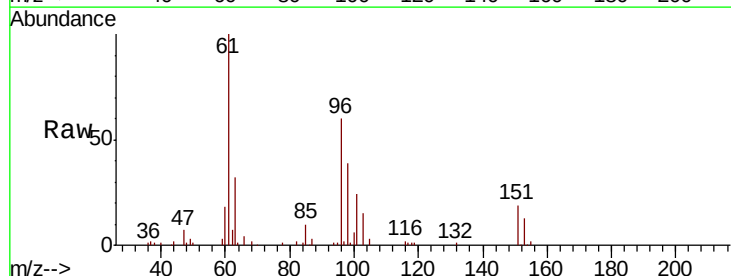
apatel
 11/26/2019 12:36:55 PM

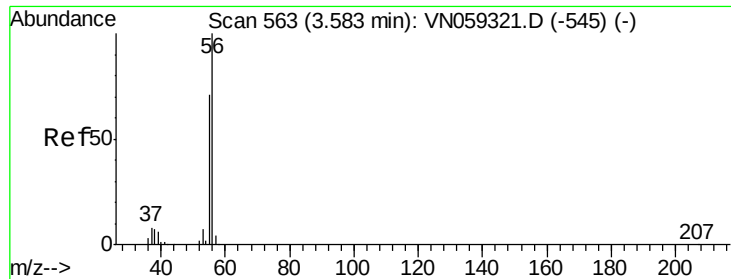


#12

1,1-Dichloroethene
 Concen: 15.114 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.3	136.8	205.2
98	63.7	51.6	77.4





#13

Acrolein

Concen: 75.892 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 56 Resp: 58239

Ion Ratio Lower Upper

56 100

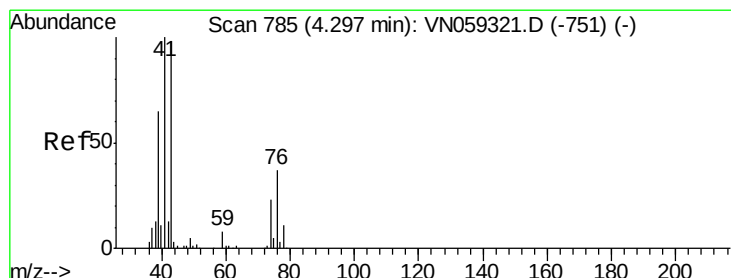
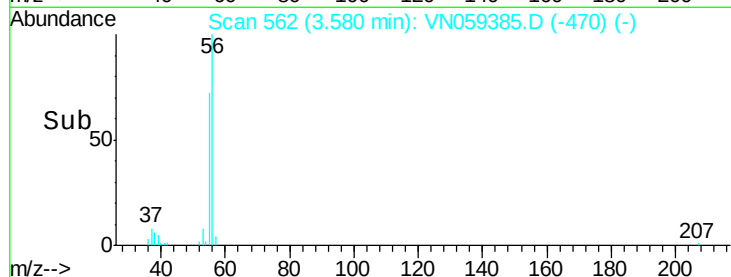
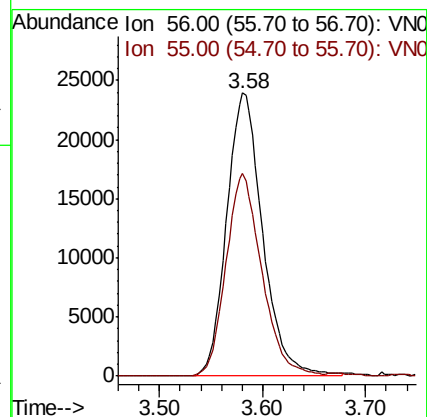
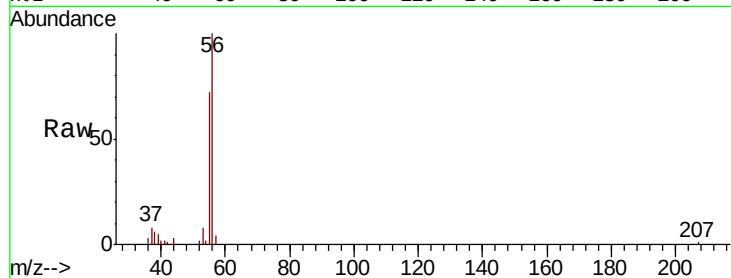
55 71.1 57.4 86.0

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#14

Allyl chloride

Concen: 15.019 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

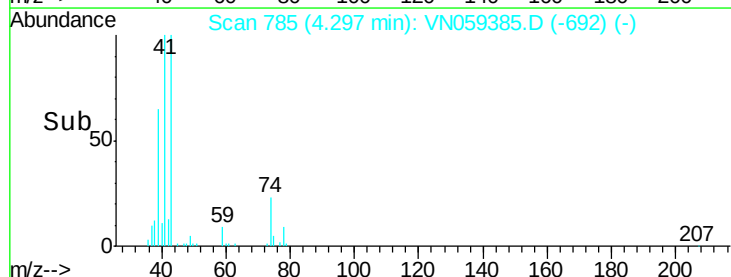
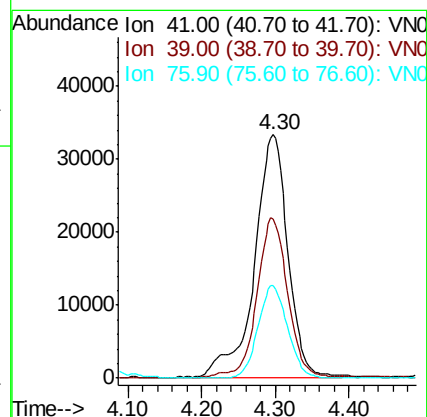
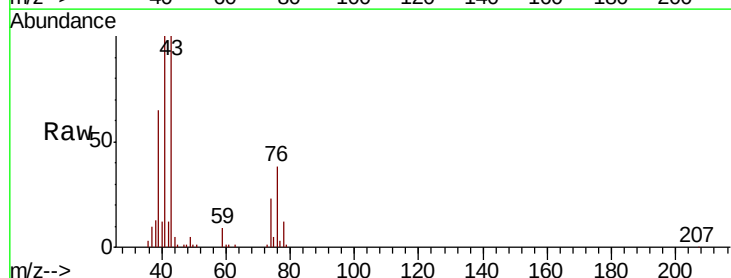
Tgt Ion: 41 Resp: 105971

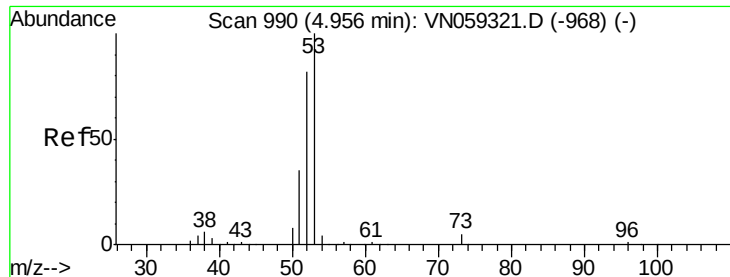
Ion Ratio Lower Upper

41 100

39 60.6 48.4 72.6

76 33.3 26.2 39.4





#15

Acrylonitrile

Concen: 76.618 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

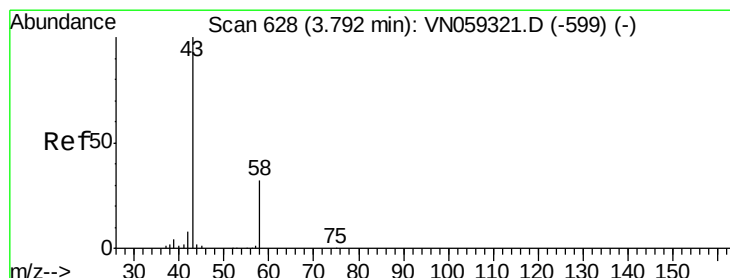
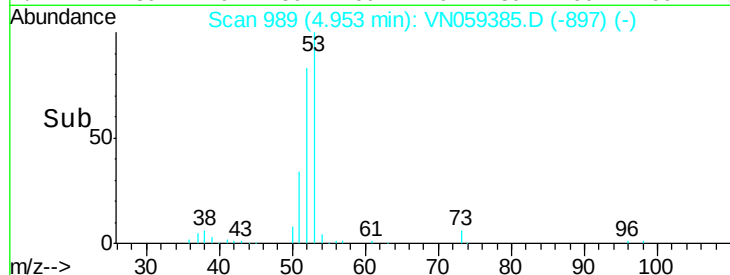
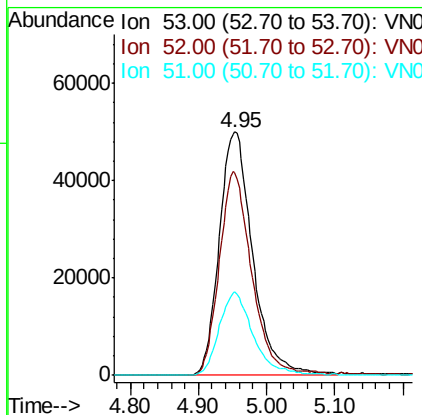
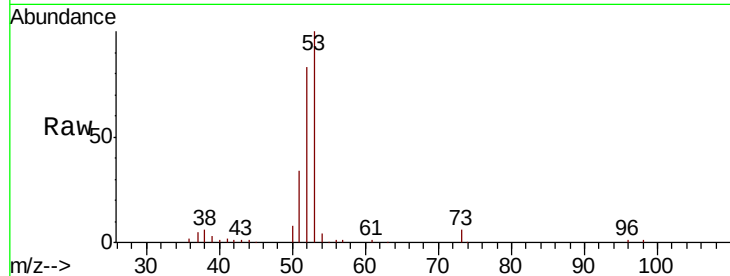
ClientSampleId :

VN1125WBS02

Tot Ion:	53	Resp:	170299
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.8	98.8
51	34.6	28.2	42.2

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#16

Acetone

Concen: 93.597 ug/l

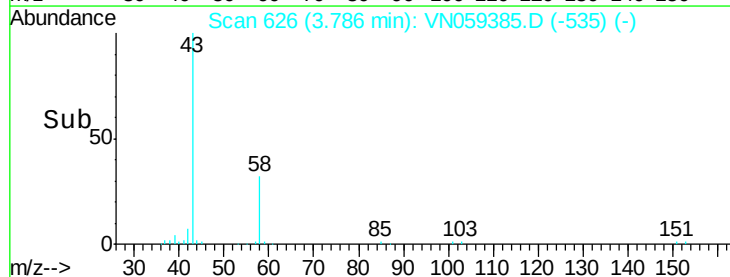
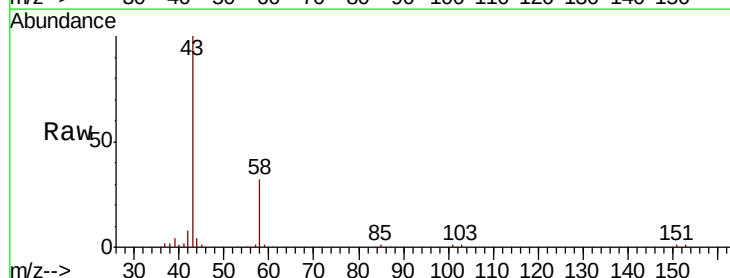
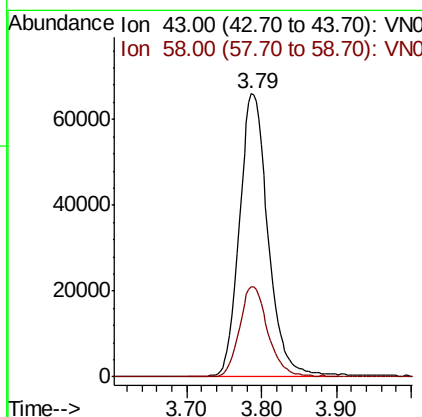
RT: 3.79 min Scan# 626

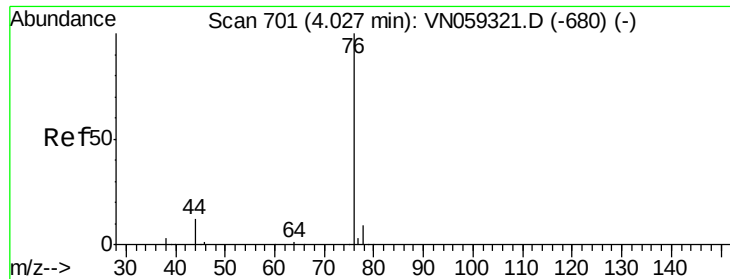
Delta R.T. -0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	43	Resp:	176212
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.6





#17

Carbon Disulfide

Concen: 14.828 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 76 Resp: 174349

Ion Ratio Lower Upper

76 100

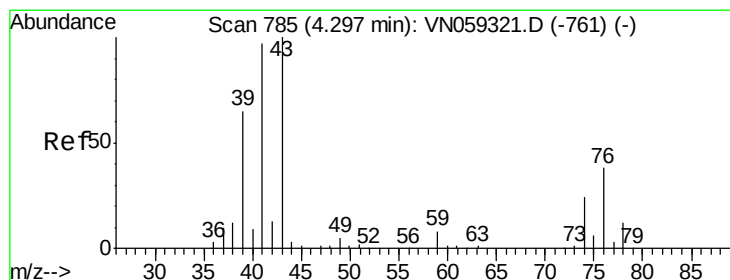
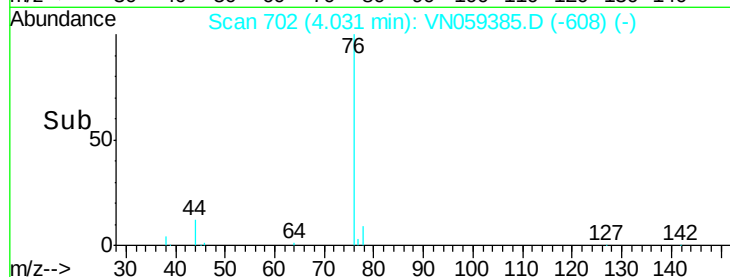
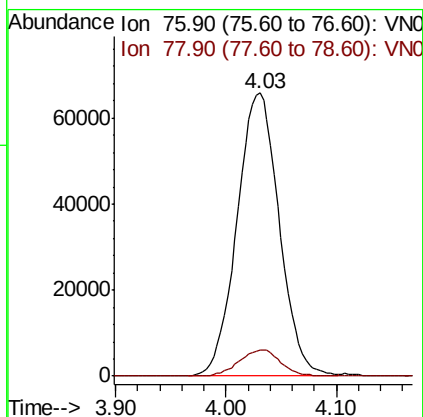
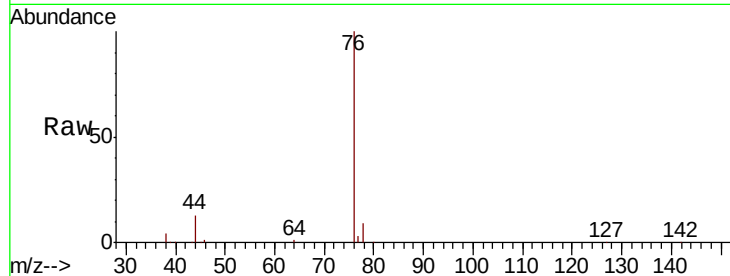
78 9.3 7.2 10.8

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#18

Methyl Acetate

Concen: 15.727 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059385.D

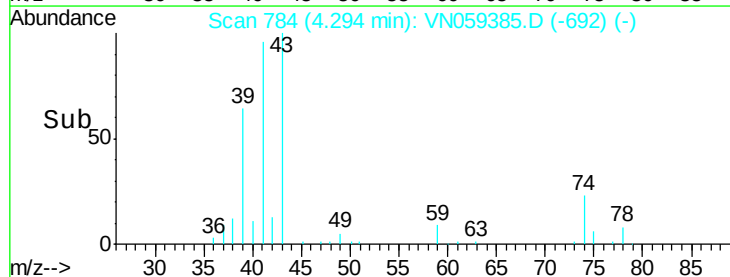
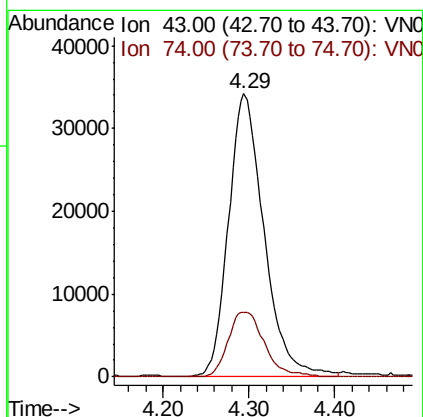
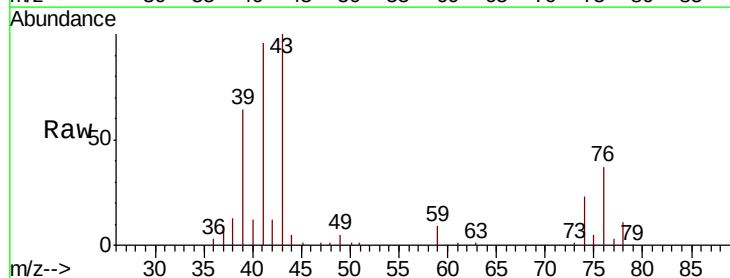
Acq: 25 Nov 2019 16:10

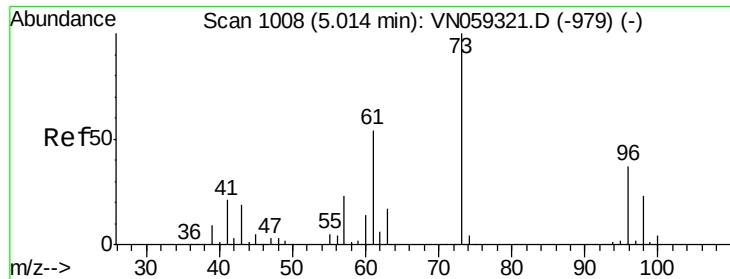
Tgt Ion: 43 Resp: 98261

Ion Ratio Lower Upper

43 100

74 23.4 18.1 27.1





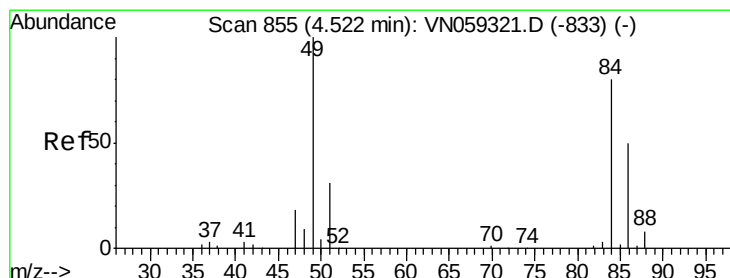
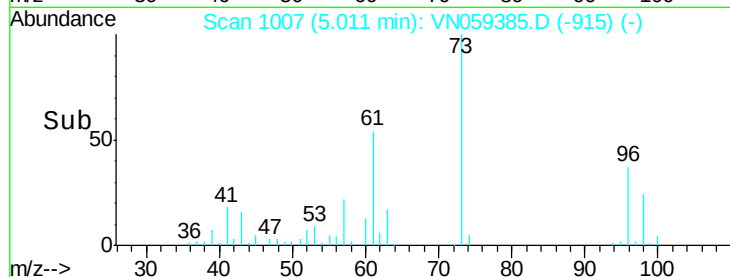
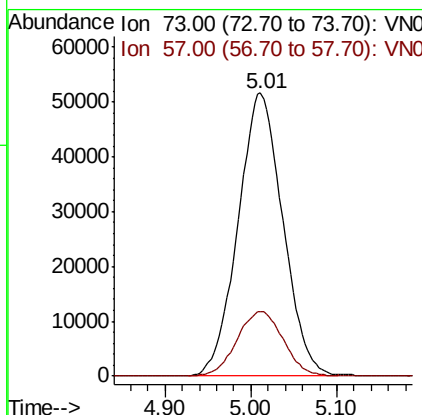
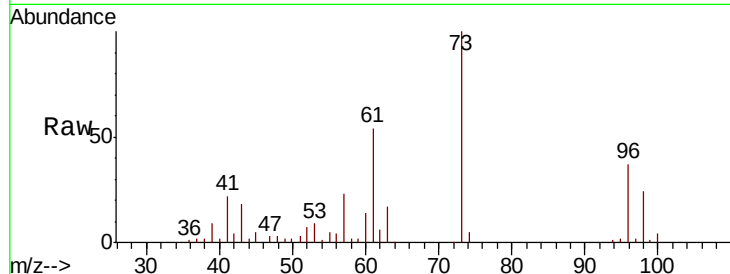
#19
Methyl tert-butyl Ether
Concen: 15.334 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion: 73 Resp: 187064
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6

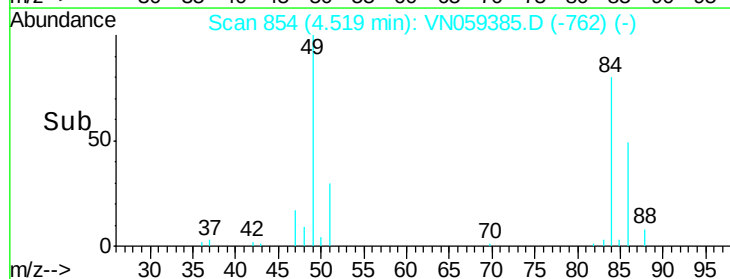
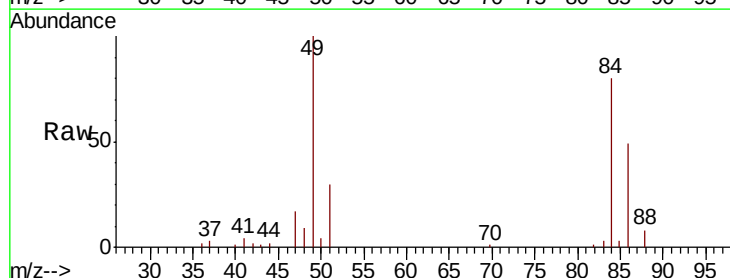
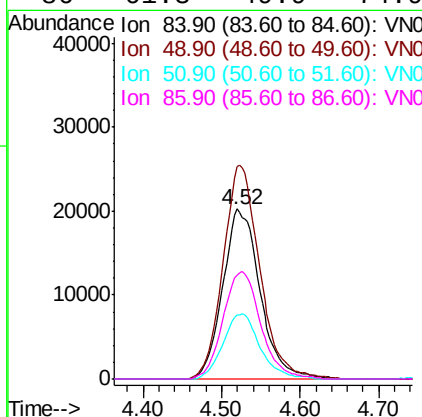
Manual Integrations
APPROVED

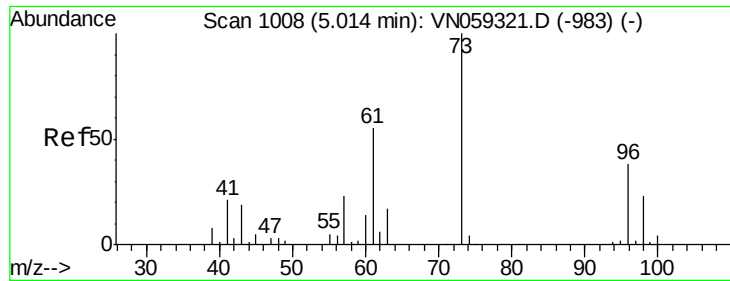
apatel
11/26/2019 12:36:55 PM



#20
Methylene Chloride
Concen: 15.721 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion: 84 Resp: 66754
Ion Ratio Lower Upper
84 100
49 124.9 99.5 149.3
51 37.4 31.1 46.7
86 61.3 49.9 74.9





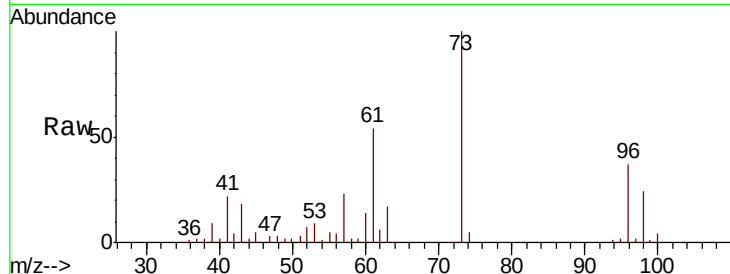
#21
trans-1,2-Dichloroethene
Concen: 15.479 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	116.4	174.6
98	64.7	49.6	74.4

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM

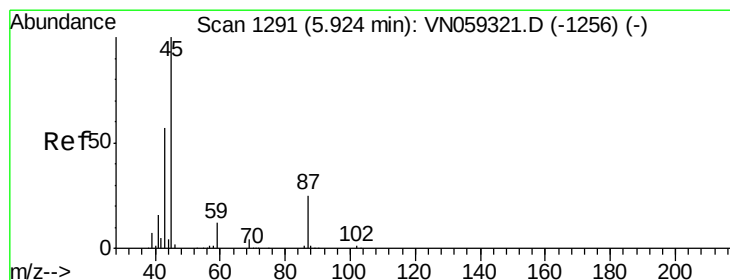
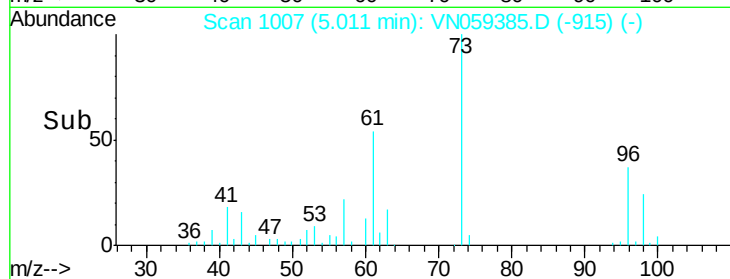
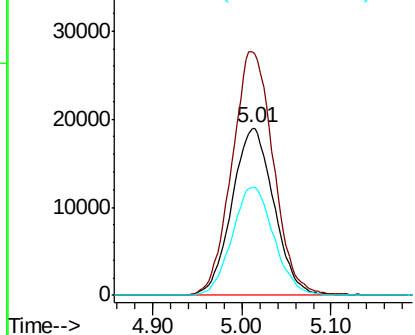


Abundance

Ion 95.90 (95.60 to 96.60): VN059385.D (-915) (-)

Ion 60.90 (60.60 to 61.60): VN059385.D (-915) (-)

Ion 97.90 (97.60 to 98.60): VN059385.D (-915) (-)



#22
Diisopropyl ether
Concen: 15.321 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	47.6	71.4
87	26.5	20.7	31.1
59	12.3	9.4	14.2

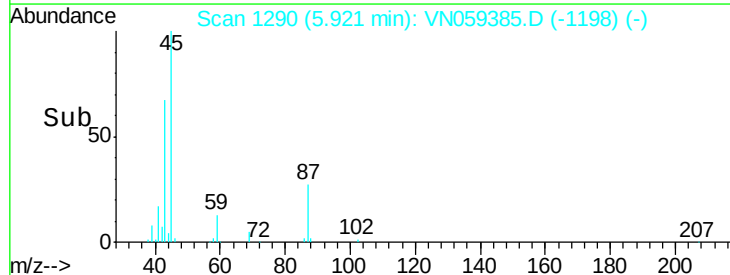
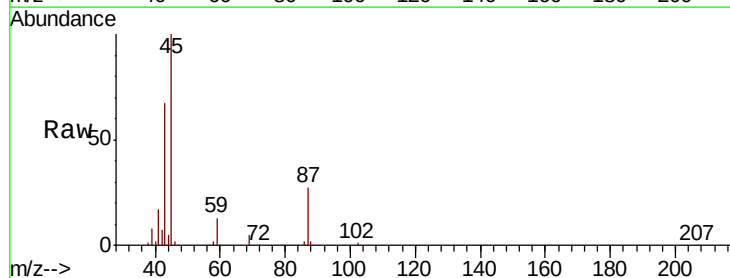
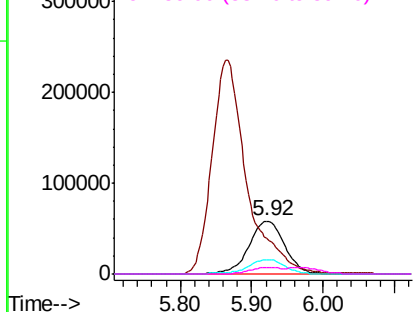
Abundance

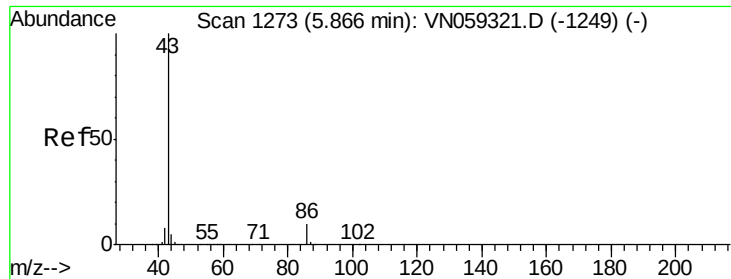
Ion 45.00 (44.70 to 45.70): VN059385.D (-1198) (-)

Ion 43.00 (42.70 to 43.70): VN059385.D (-1198) (-)

Ion 87.00 (86.70 to 87.70): VN059385.D (-1198) (-)

Ion 59.00 (58.70 to 59.70): VN059385.D (-1198) (-)





#23

Vinyl Acetate

Concen: 76.391 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 43 Resp: 798031

Ion Ratio Lower Upper

43 100

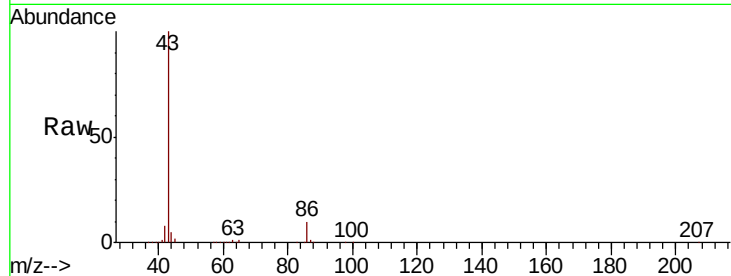
86 10.1 8.0 12.0

Manual Integrations

APPROVED

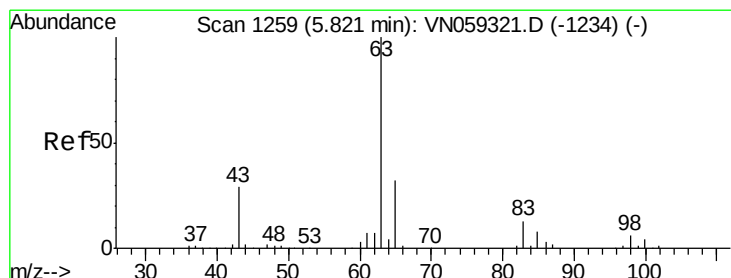
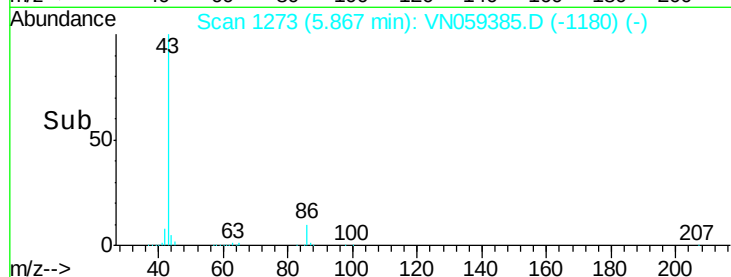
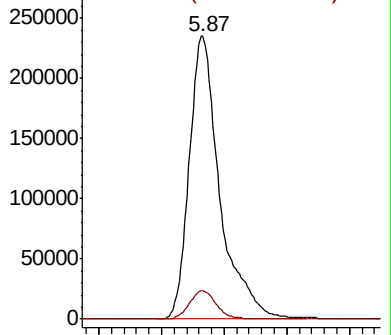
apatel

11/26/2019 12:36:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 15.690 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

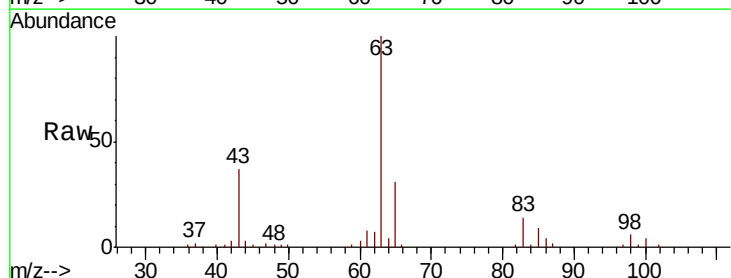
Tgt Ion: 63 Resp: 117321

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

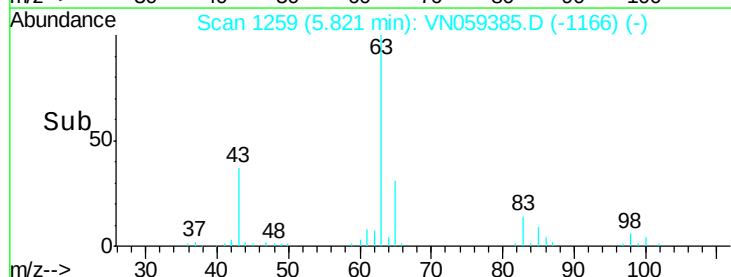
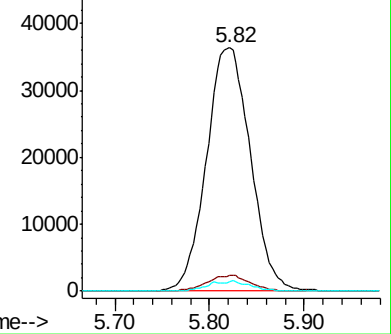
100 4.1 1.9 5.7

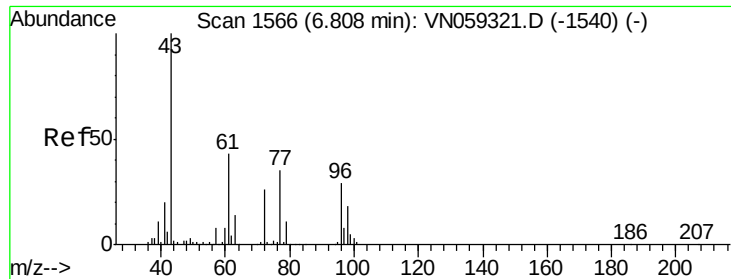


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 78.022 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 43 Resp: 228411

Ion Ratio Lower Upper

43 100

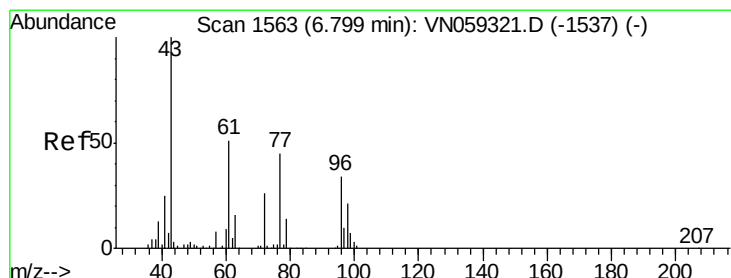
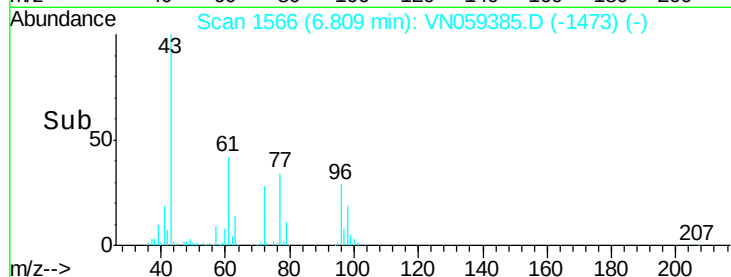
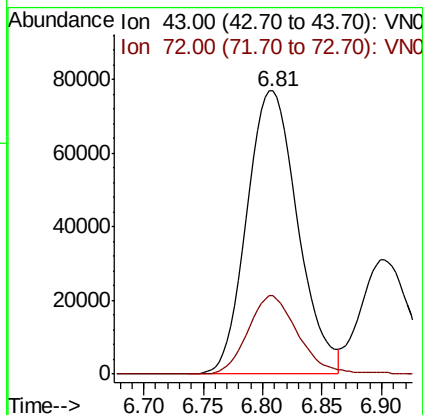
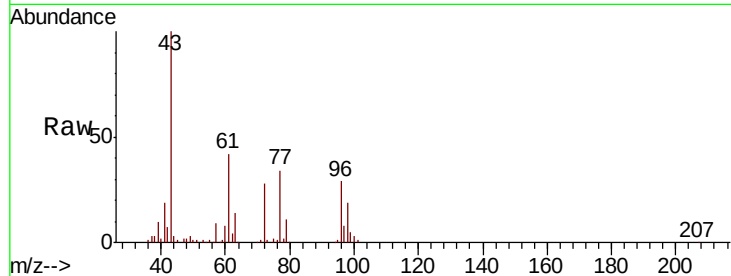
72 27.7 20.5 30.7

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#26

2,2-Dichloropropane

Concen: 15.368 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059385.D

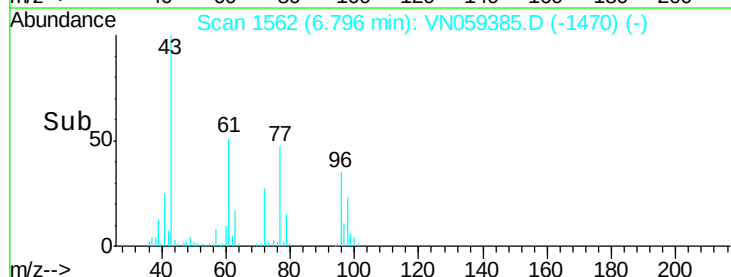
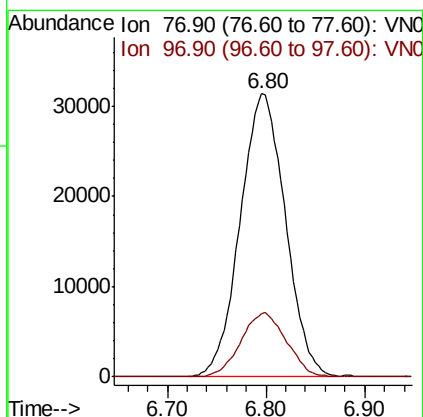
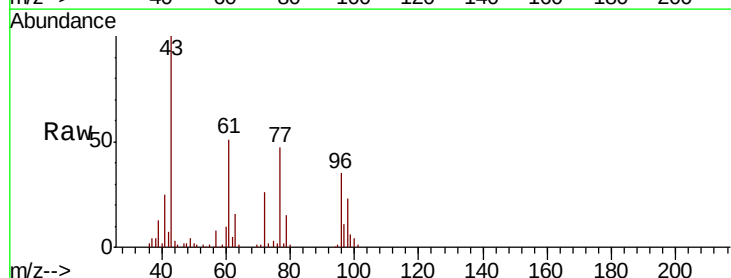
Acq: 25 Nov 2019 16:10

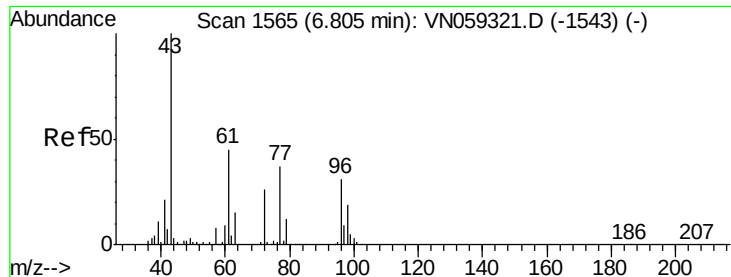
Tgt Ion: 77 Resp: 99504

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 15.561 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

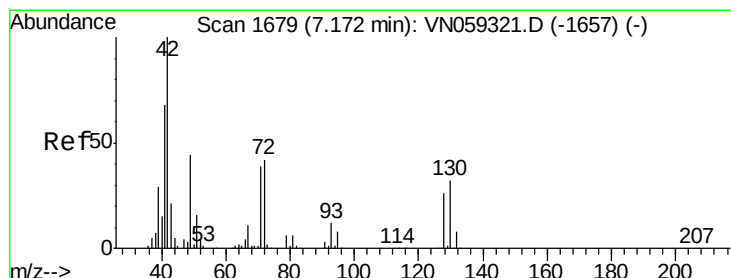
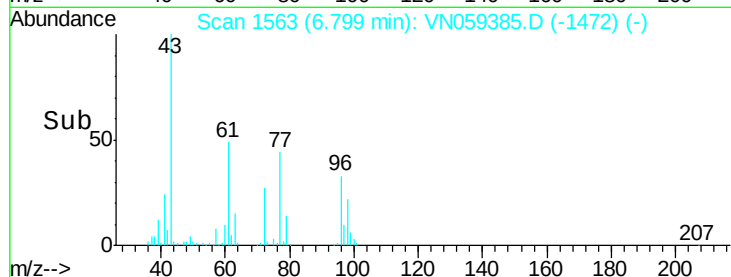
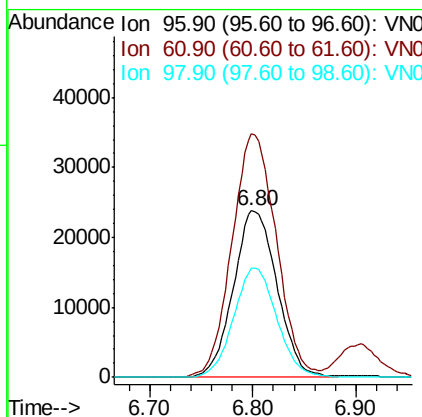
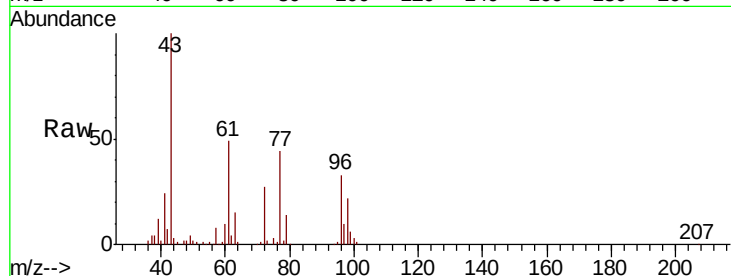
ClientSampleId :

VN1125WBS02

Tot Ion:	96	Resp:	70277
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	304.0
98	64.7	0.0	128.4

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#28

Bromochloromethane

Concen: 16.428 ug/l

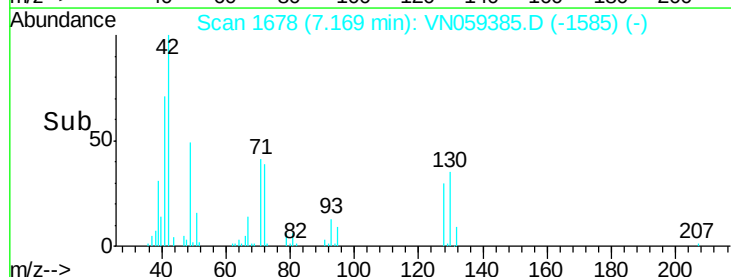
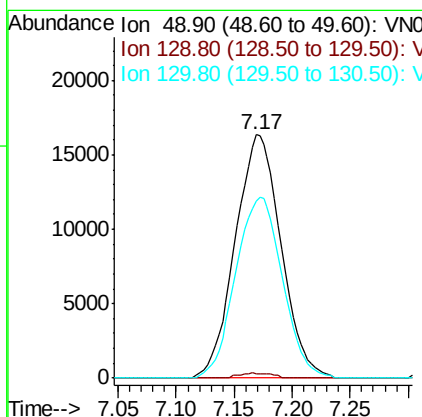
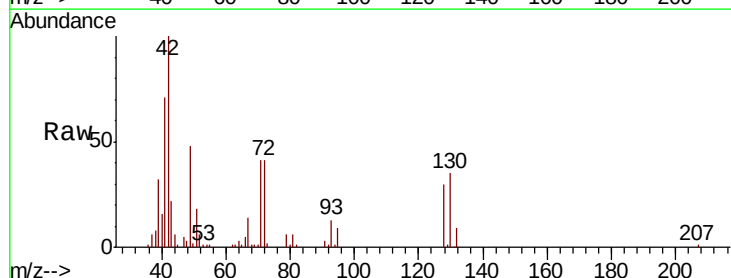
RT: 7.17 min Scan# 1678

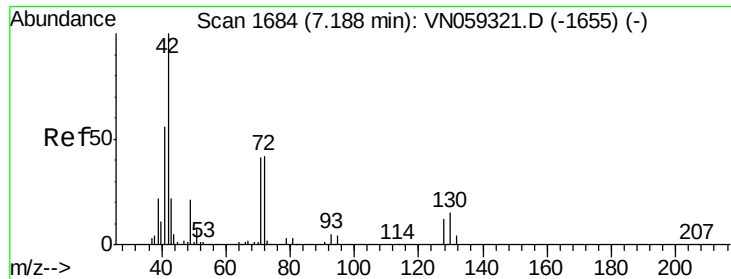
Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	49	Resp:	44993
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	76.0	57.0	85.6





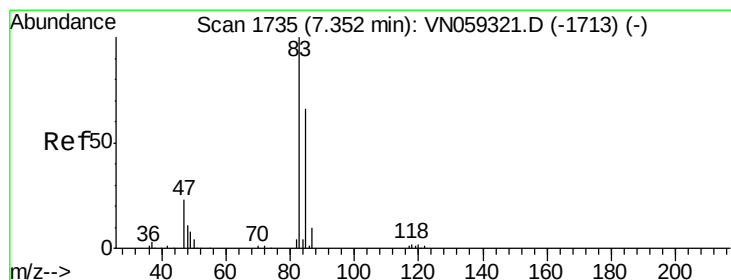
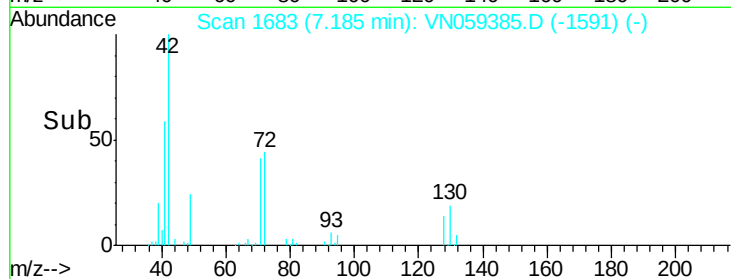
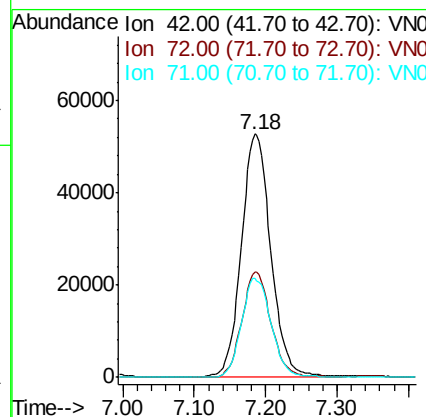
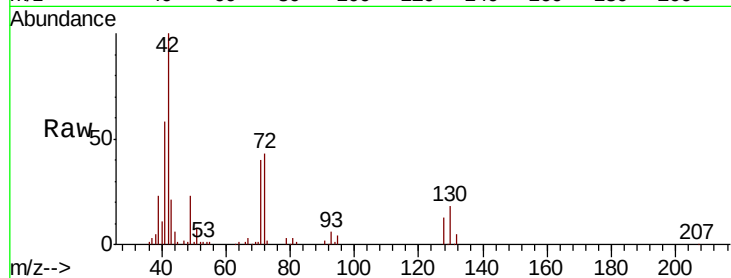
#29
Tetrahydrofuran
Concen: 75.134 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.2
71	40.9	32.6	48.8

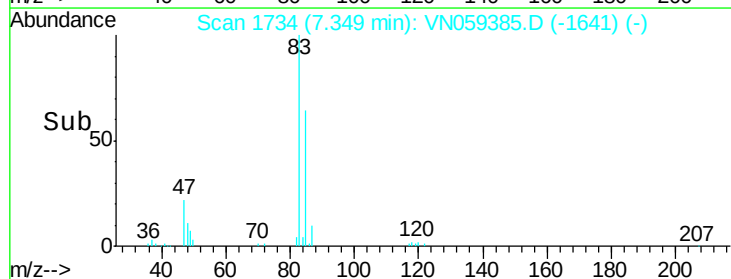
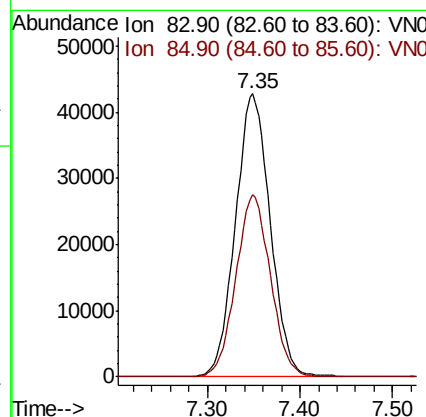
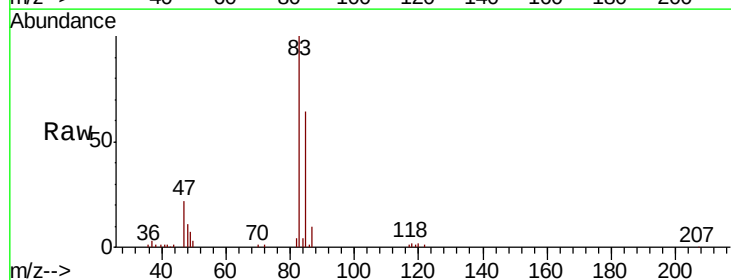
Manual Integrations
APPROVED

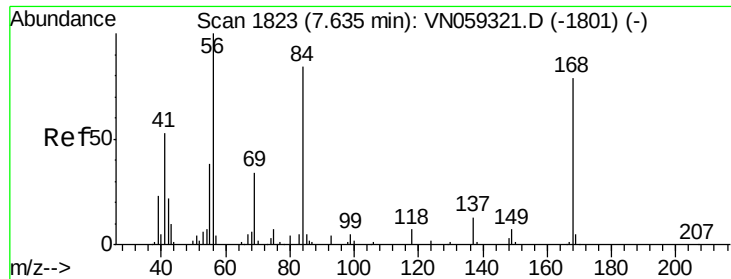
apatel
11/26/2019 12:36:55 PM



#30
Chloroform
Concen: 15.261 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.7	79.1





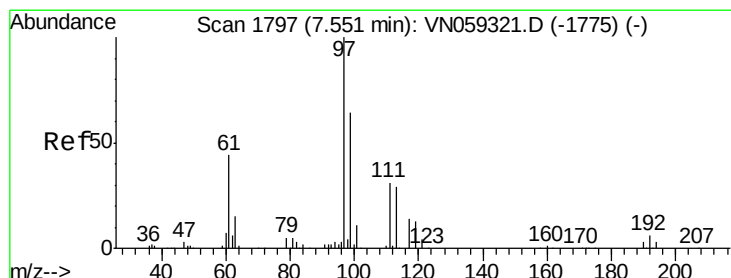
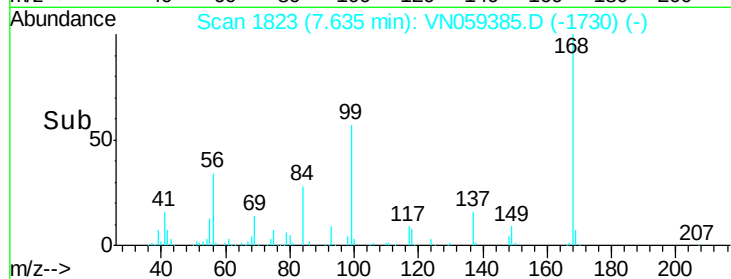
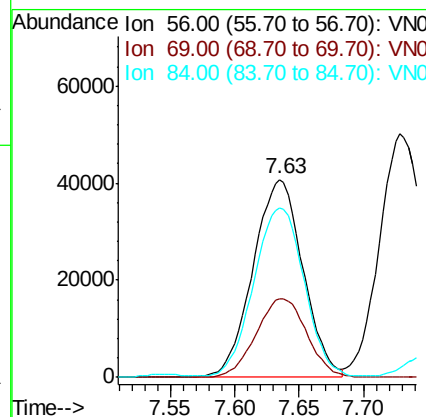
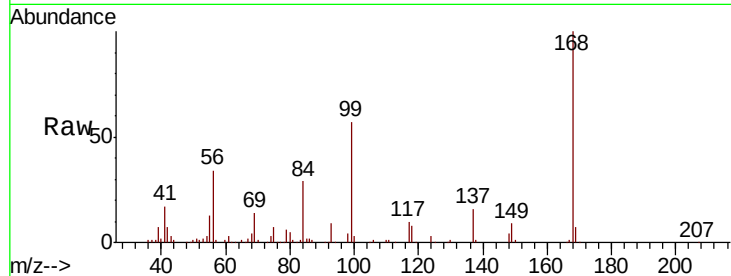
#31
Cyclohexane
Concen: 14.843 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	26.6	40.0
84	84.7	67.0	100.4

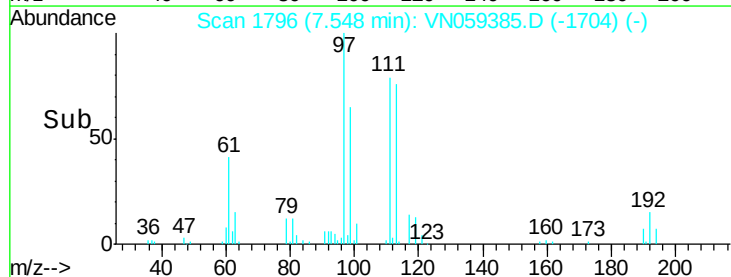
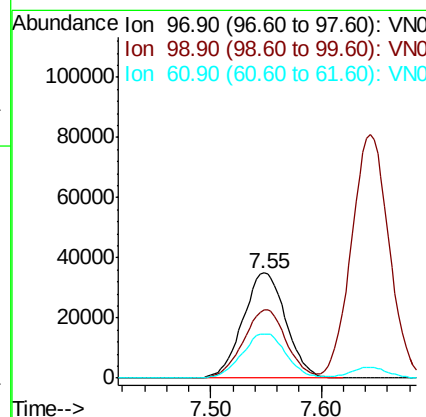
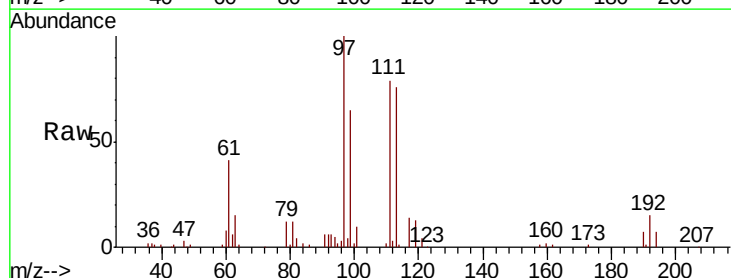
Manual Integrations
APPROVED

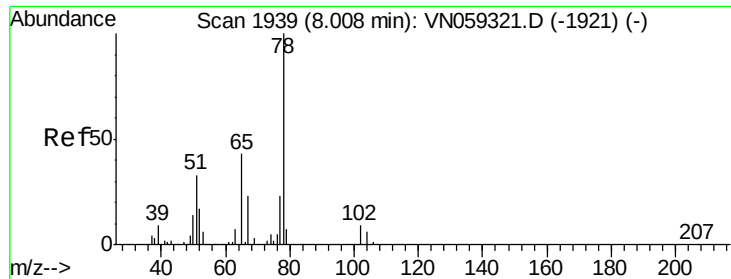
apatel
11/26/2019 12:36:55 PM



#32
1,1,1-Trichloroethane
Concen: 15.100 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	43.4	35.3	52.9





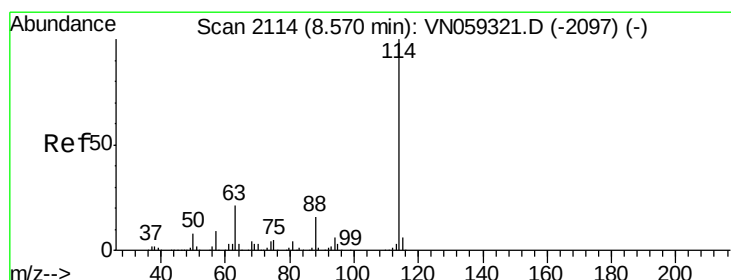
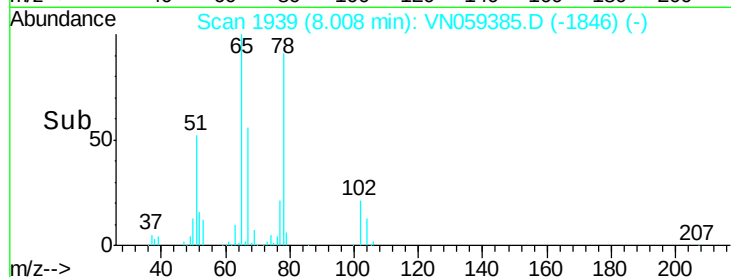
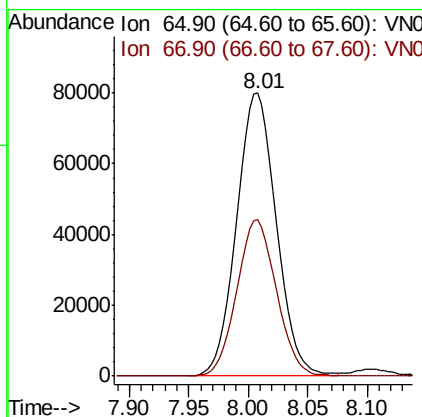
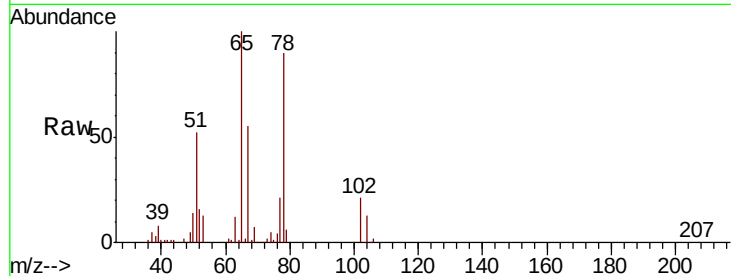
#33
 1,2-Dichloroethane-d4
 Concen: 44.167 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	109.4	

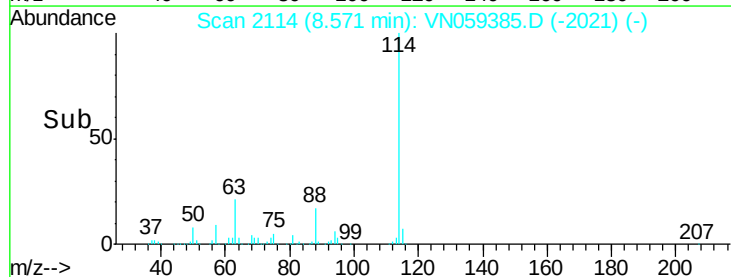
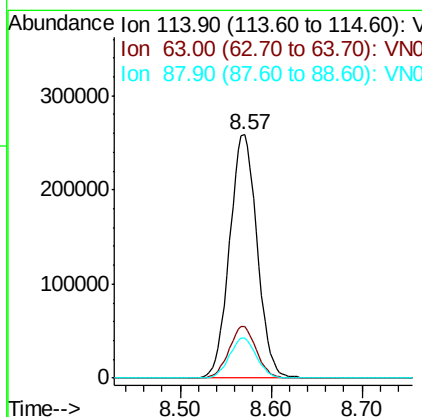
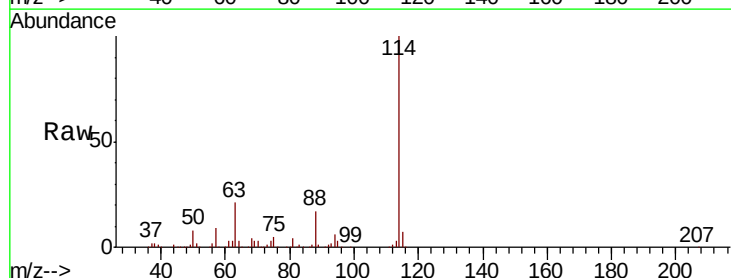
Manual Integrations
 APPROVED

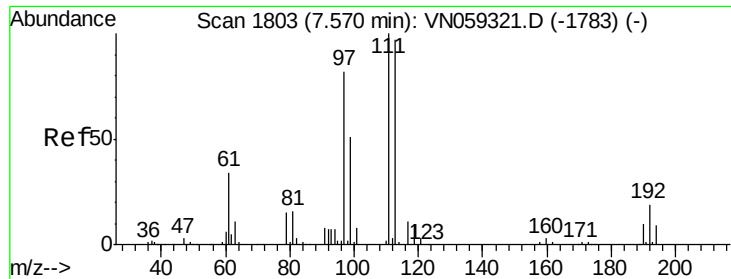
apatel
 11/26/2019 12:36:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.2	0.0	42.2	
88	16.5	0.0	32.2	





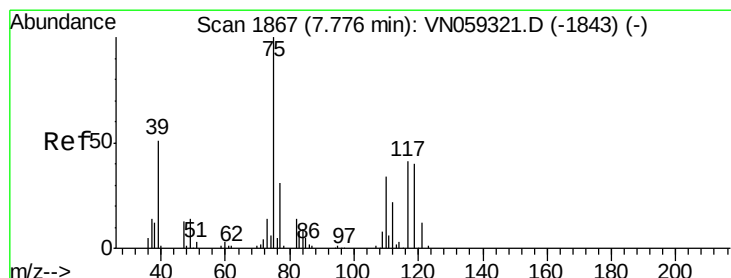
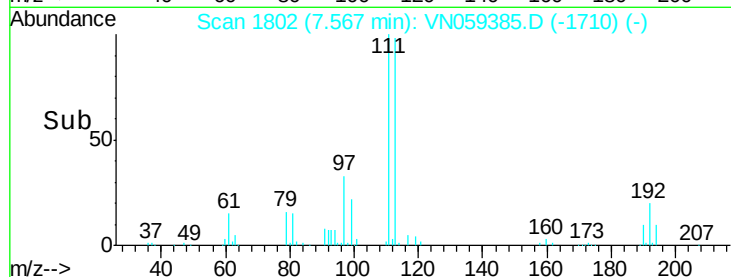
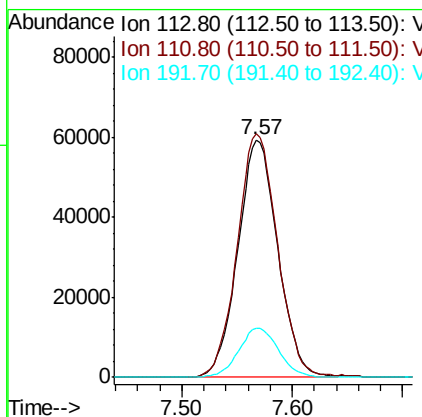
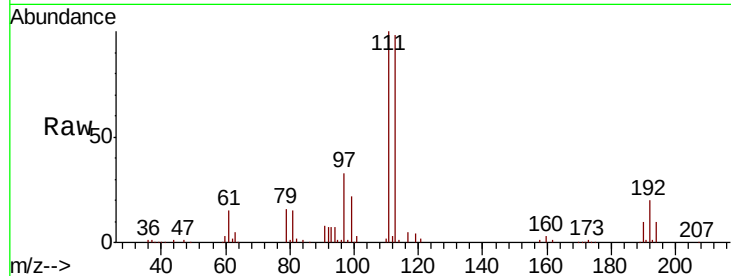
#35
 Dibromofluoromethane
 Concen: 45.517 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	20.7	16.3	24.5

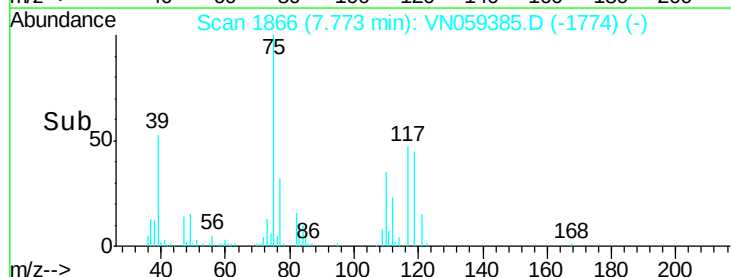
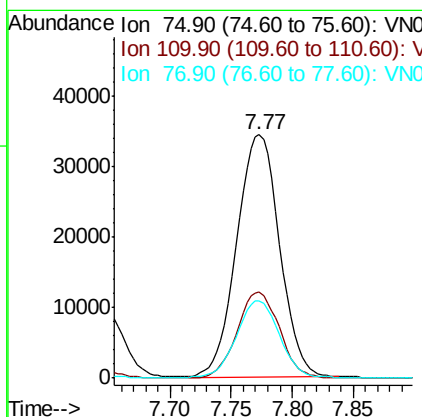
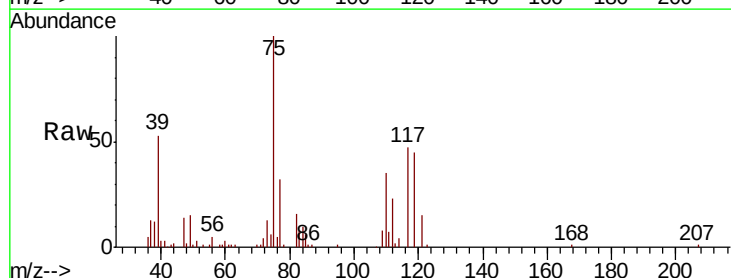
Manual Integrations
 APPROVED

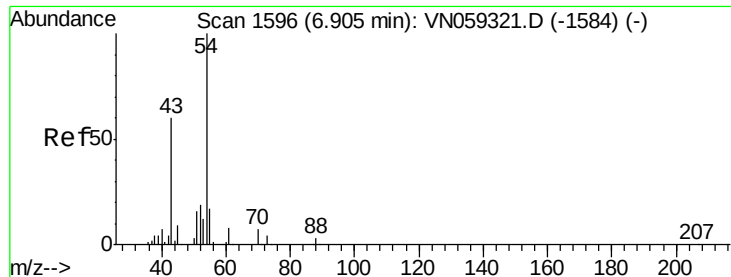
apatel
 11/26/2019 12:36:55 PM



#36
 1,1-Dichloropropene
 Concen: 14.892 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.0	51.0
77	32.2	24.8	37.2





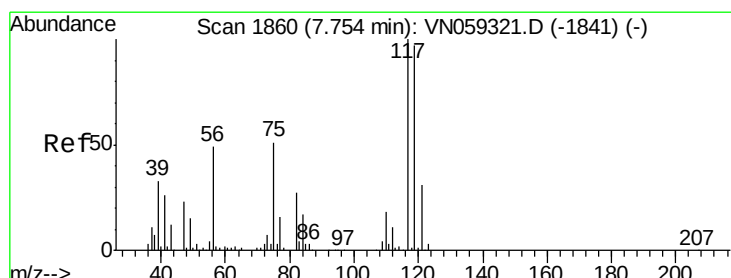
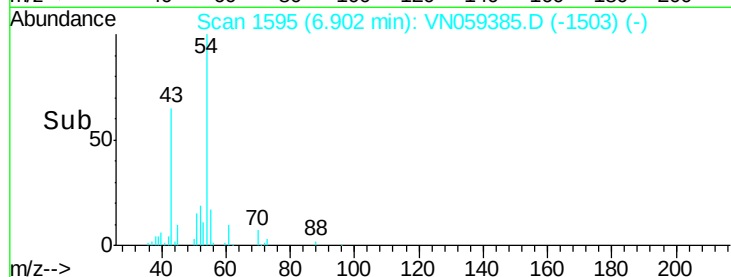
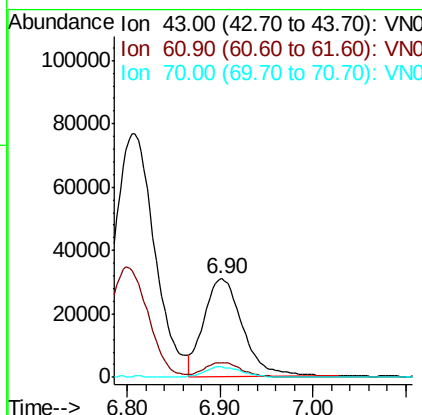
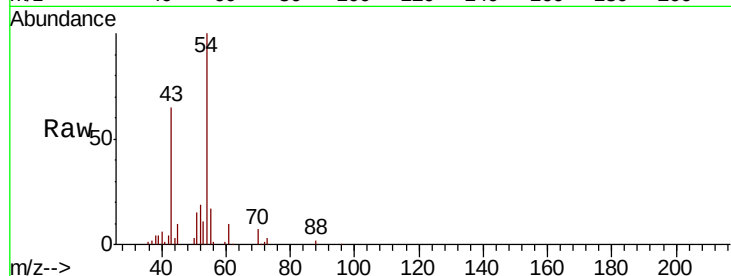
#37
Ethyl Acetate
Concen: 15.025 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.6
70	10.7	8.8	13.2

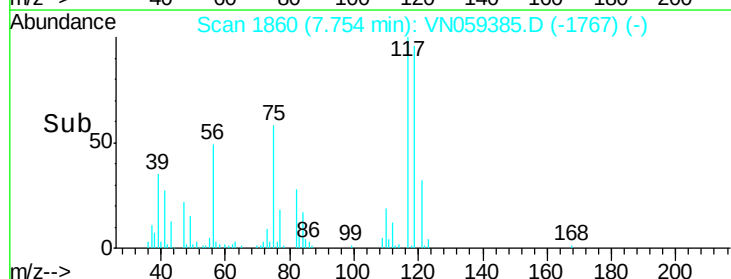
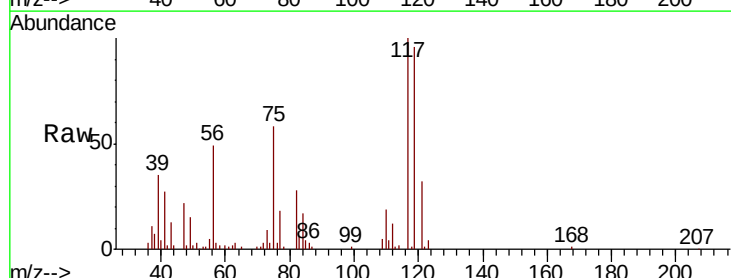
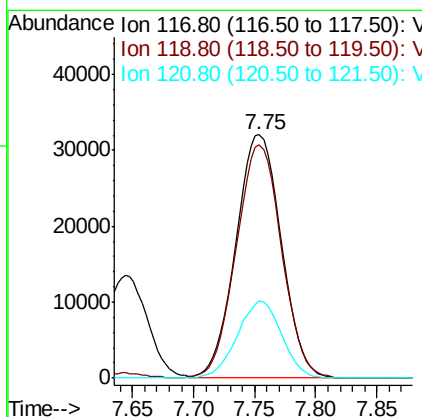
Manual Integrations
APPROVED

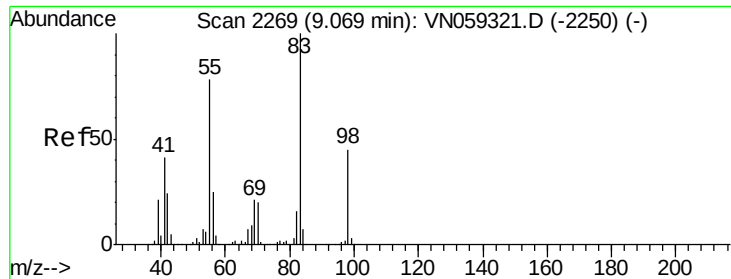
apatel
11/26/2019 12:36:55 PM



#38
Carbon Tetrachloride
Concen: 15.432 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
121	31.6	24.4	36.6





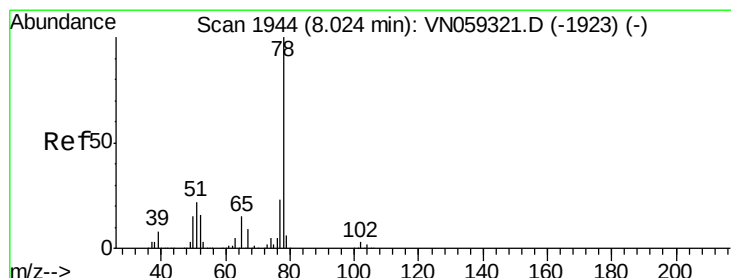
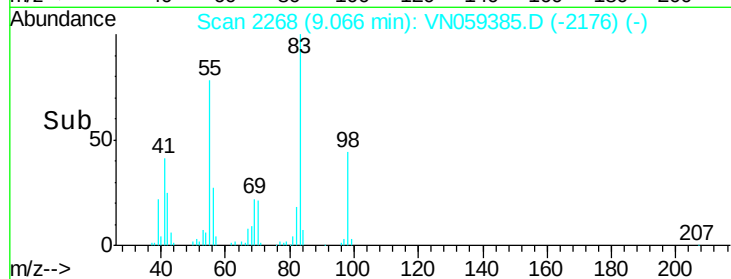
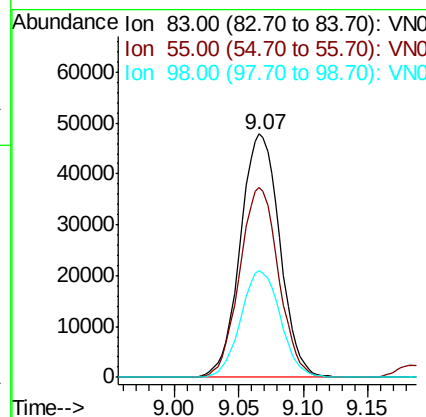
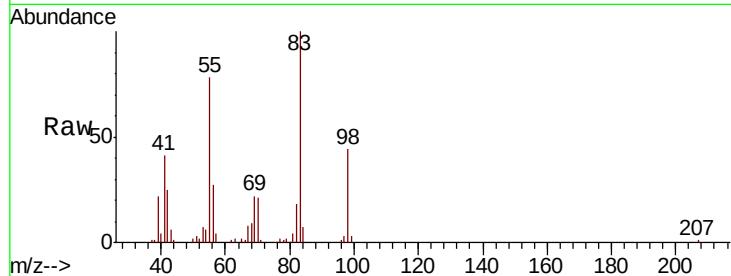
#39
Methylvlcyclohexane
Concen: 15.061 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	62.3	93.5
98	43.7	36.0	54.0

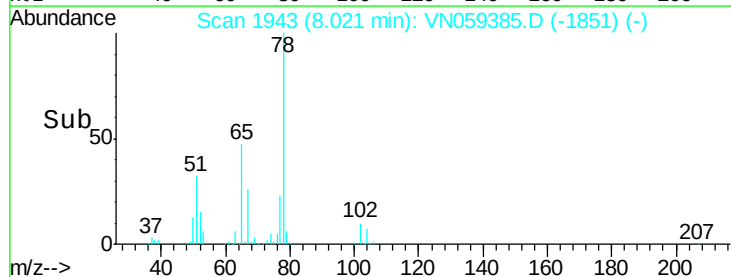
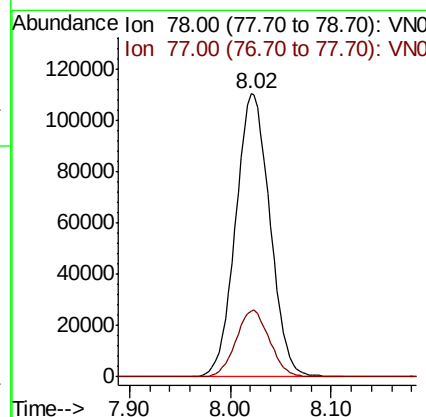
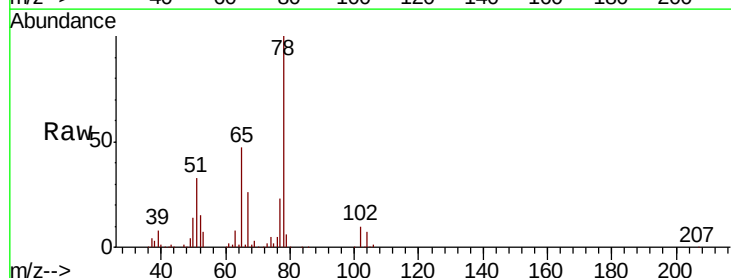
Manual Integrations
APPROVED

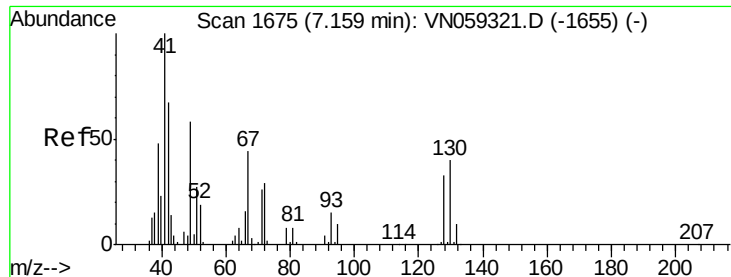
apatel
11/26/2019 12:36:55 PM



#40
Benzene
Concen: 15.821 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6





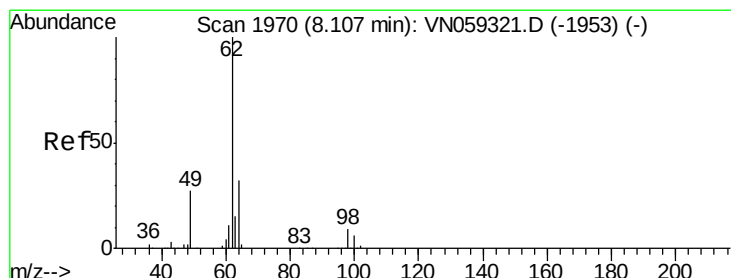
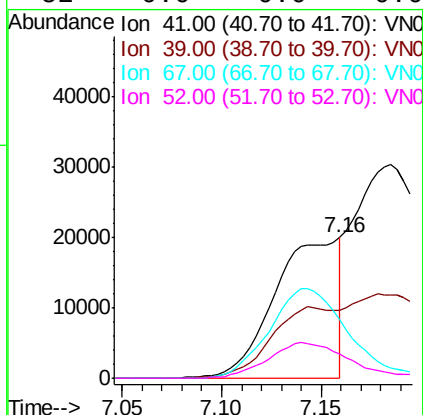
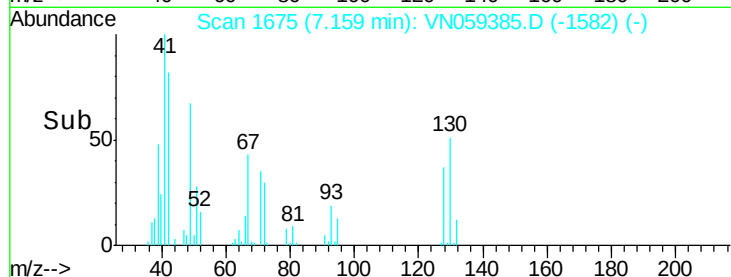
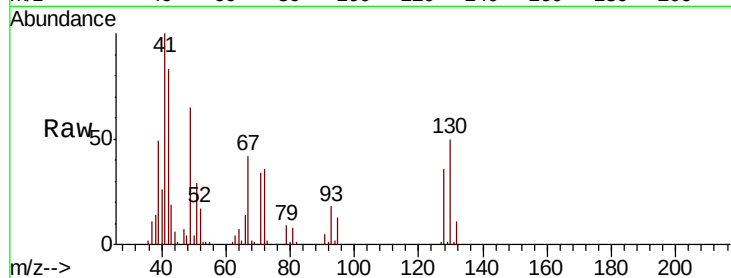
#41
Methacrylonitrile
Concen: 16.801 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	41	Resp:	45016
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

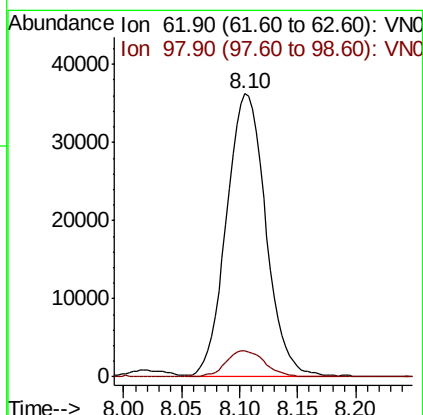
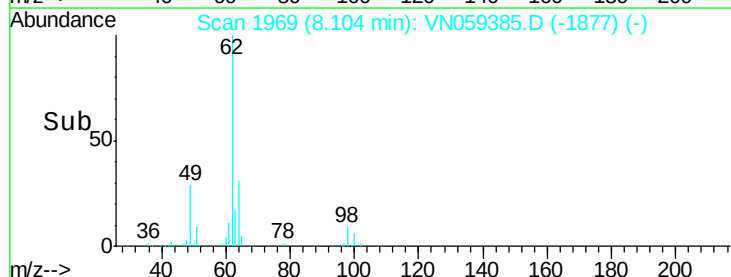
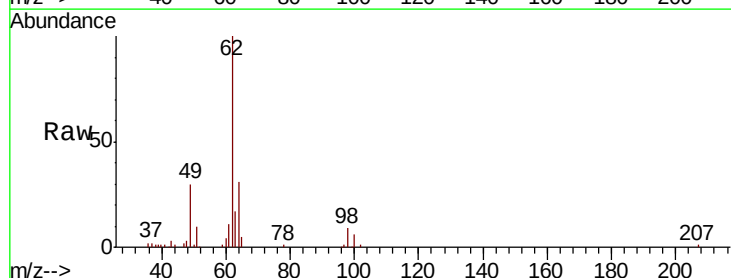
Manual Integrations
APPROVED

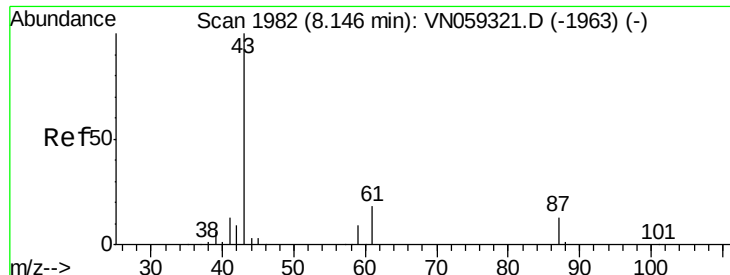
apatel
11/26/2019 12:36:55 PM



#42
1,2-Dichloroethane
Concen: 15.688 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	62	Resp:	85519
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.6





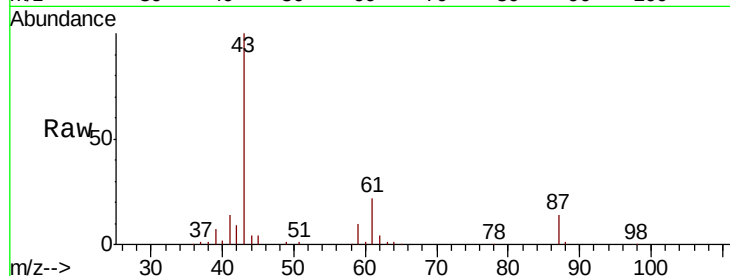
#43
Isopropyl Acetate
Concen: 15.266 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

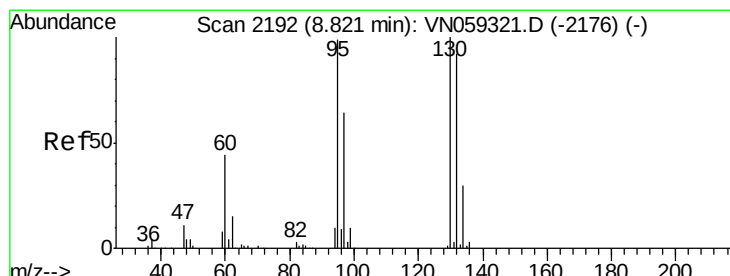
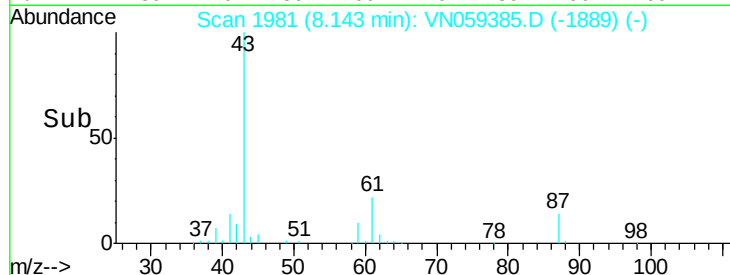
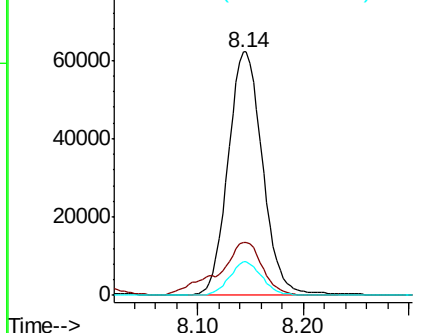
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	21.7	32.5
87	13.0	10.2	15.4

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM

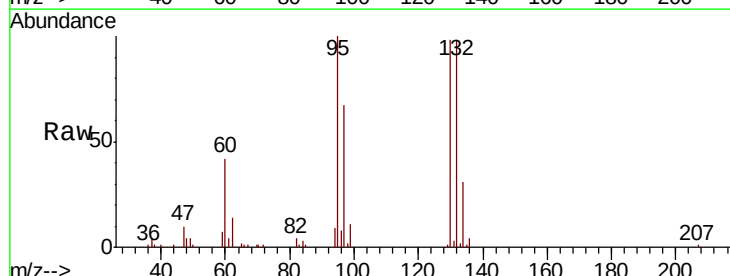


Abundance Ion 43.00 (42.70 to 43.70): VN059385.D (-1889) (-)

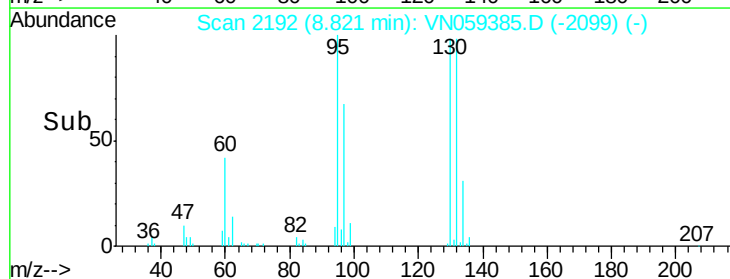
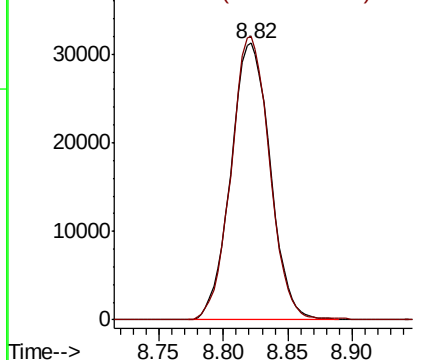


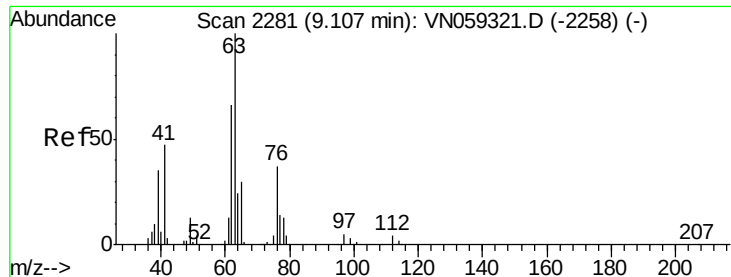
#44
Trichloroethene
Concen: 15.888 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059385.D (-2099) (-)





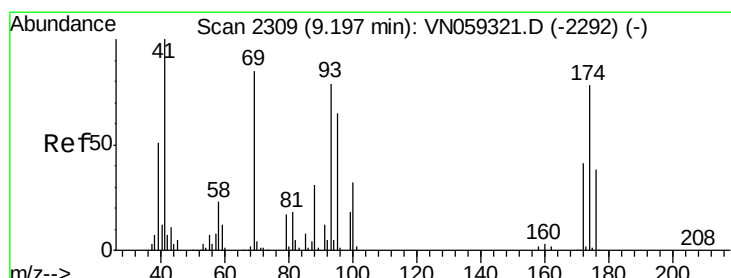
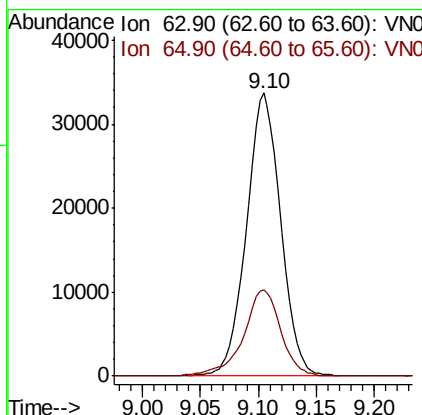
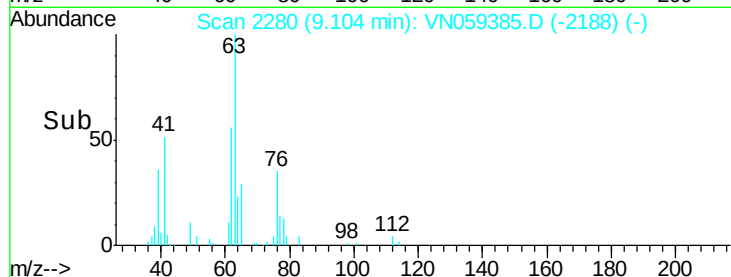
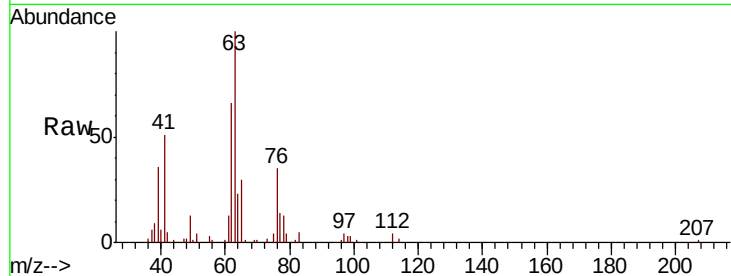
#45
 1,2-Dichloropropane
 Concen: 15.797 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.9	35.9

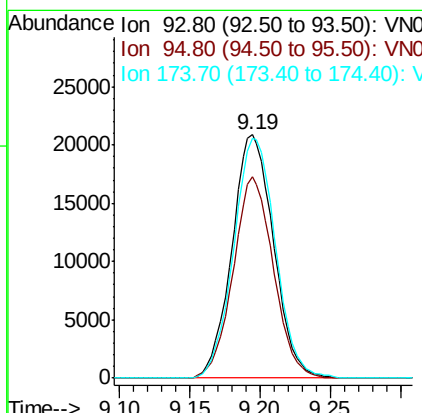
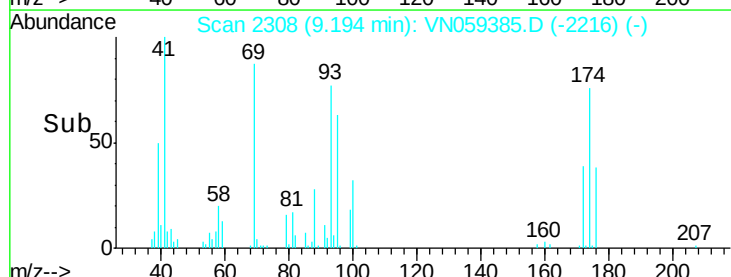
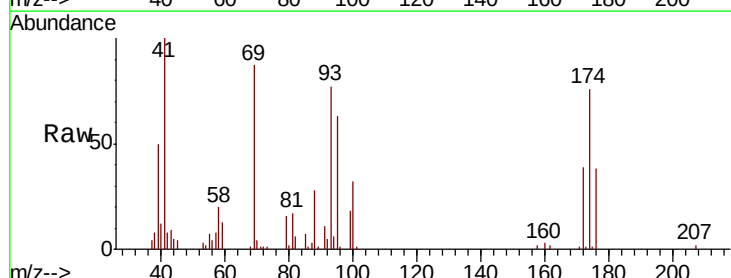
Manual Integrations
 APPROVED

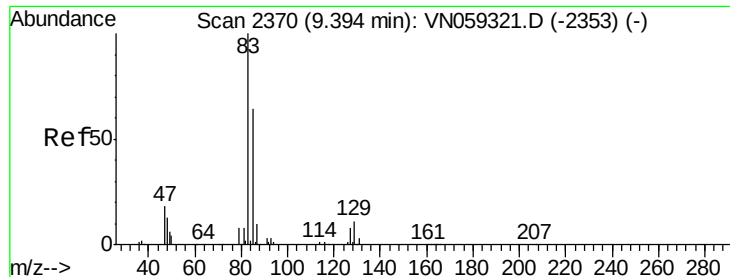
apatel
 11/26/2019 12:36:55 PM



#46
 Dibromomethane
 Concen: 15.992 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.8	66.9	100.3
174	99.2	80.6	120.8





#47

Bromodichloromethane

Concen: 15.368 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

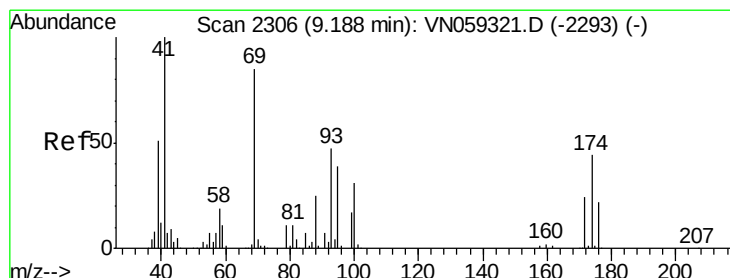
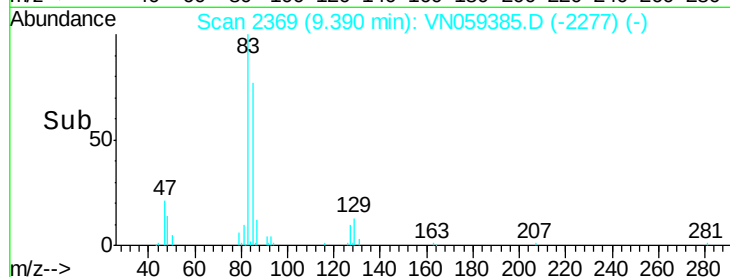
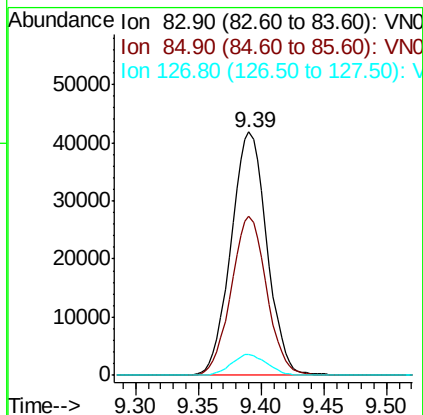
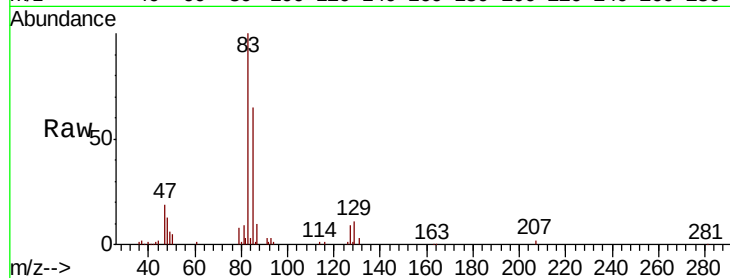
ClientSampleId :

VN1125WBS02

Tot Ion:	83	Resp:	82978
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3
127	8.5	6.6	10.0

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#48

Methyl methacrylate

Concen: 14.490 ug/l

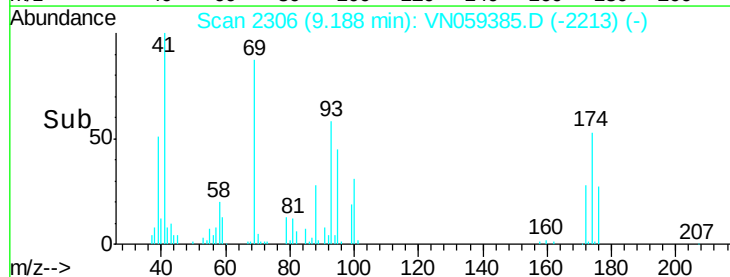
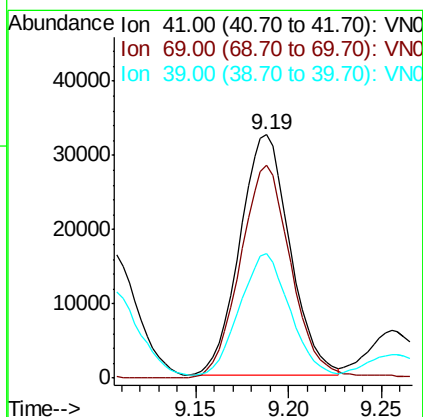
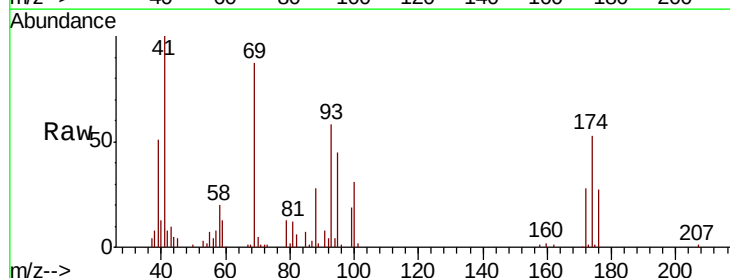
RT: 9.19 min Scan# 2306

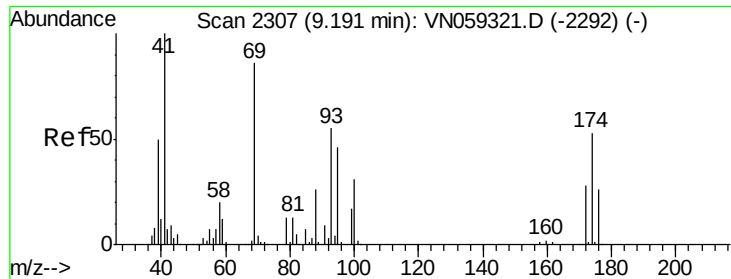
Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	41	Resp:	60780
Ion	Ratio	Lower	Upper
41	100		
69	90.2	68.8	103.2
39	52.8	42.1	63.1





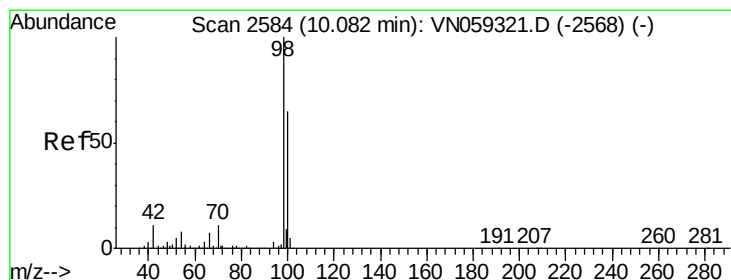
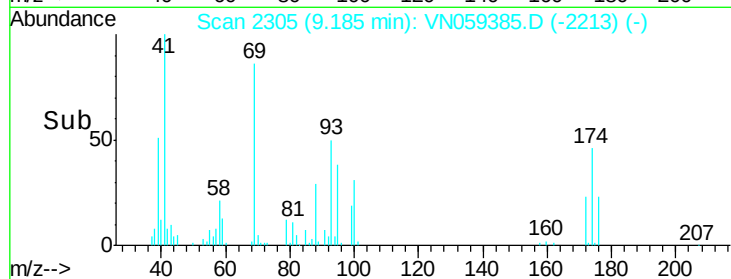
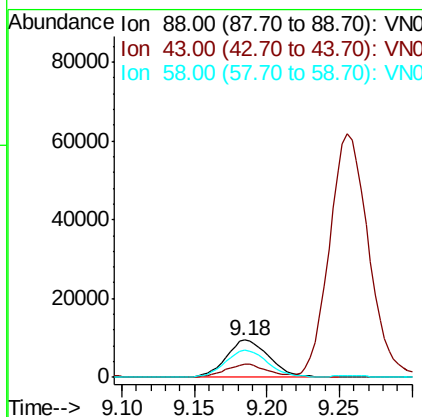
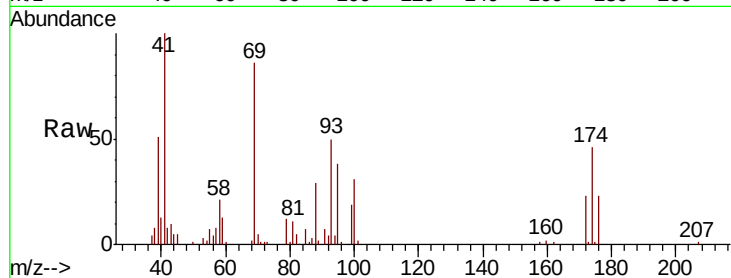
#49
1,4-Dioxane
Concen: 309.063 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	88	Resp	19484
Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.9	40.3
58	73.2	59.2	88.8

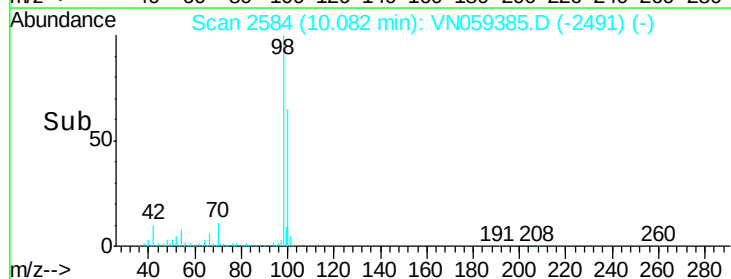
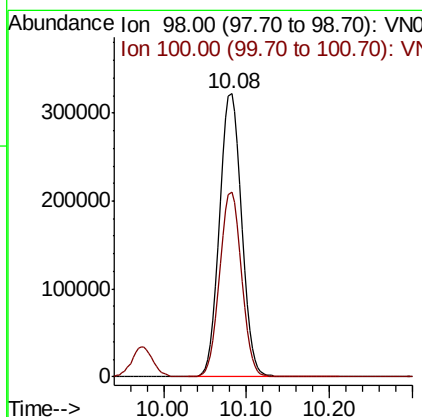
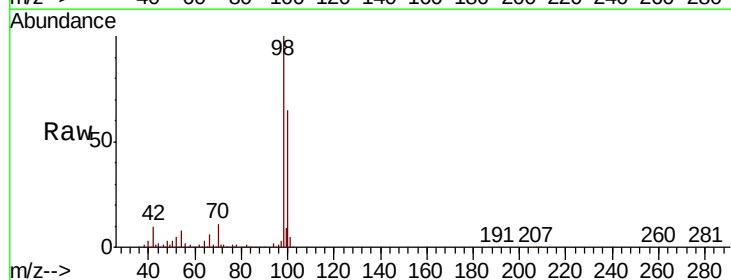
Manual Integrations
APPROVED

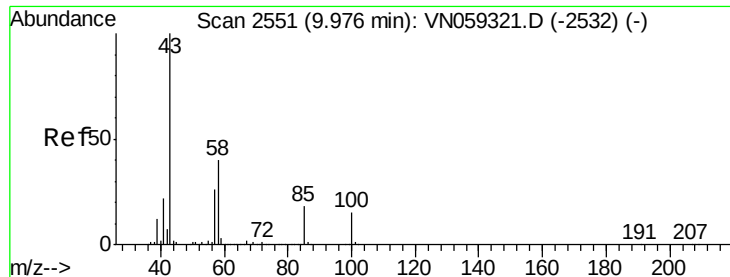
apatel
11/26/2019 12:36:55 PM



#50
Toluene-d8
Concen: 45.797 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	98	Resp	594194
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 79.160 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 43 Resp: 427390

Ion Ratio Lower Upper

43 100

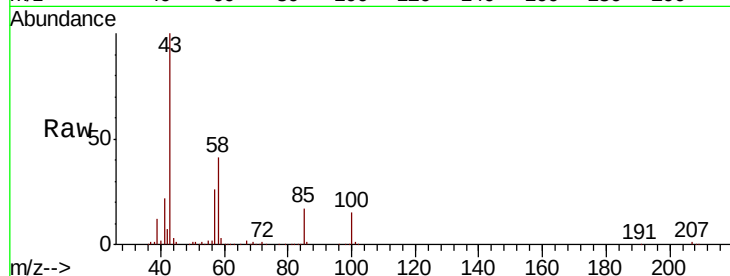
58 40.4 31.8 47.8

Manual Integrations

APPROVED

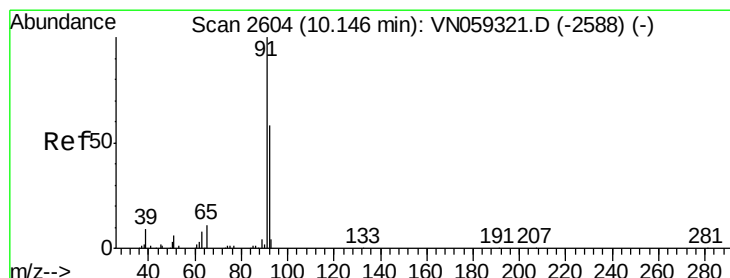
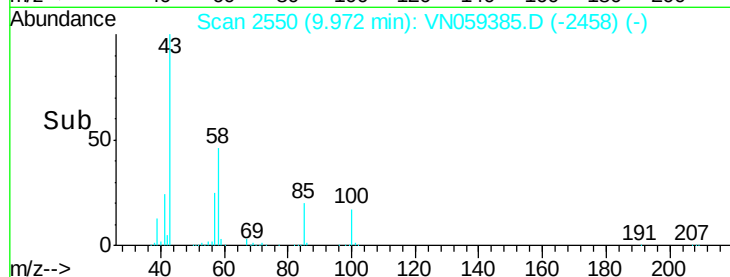
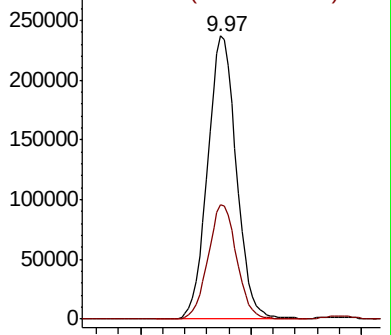
apatel

11/26/2019 12:36:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 15.826 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059385.D

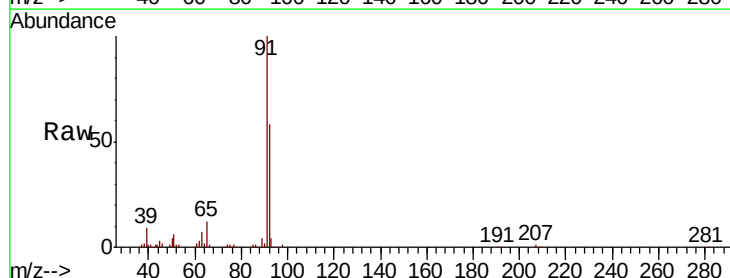
Acq: 25 Nov 2019 16:10

Tgt Ion: 92 Resp: 156855

Ion Ratio Lower Upper

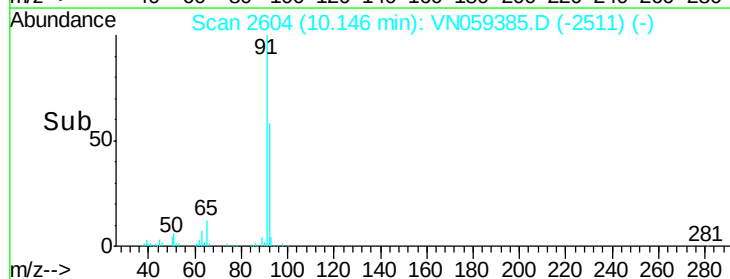
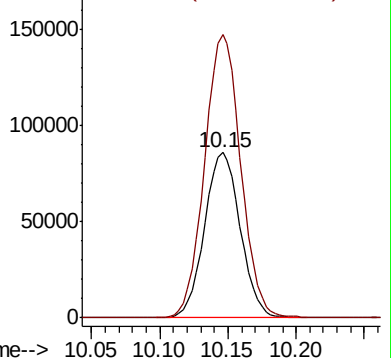
92 100

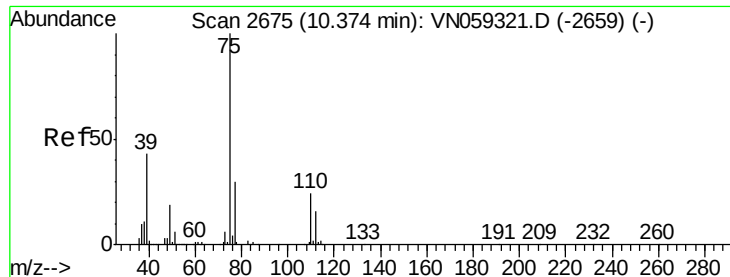
91 173.0 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.624 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 75 Resp: 98062

Ion Ratio Lower Upper

75 100

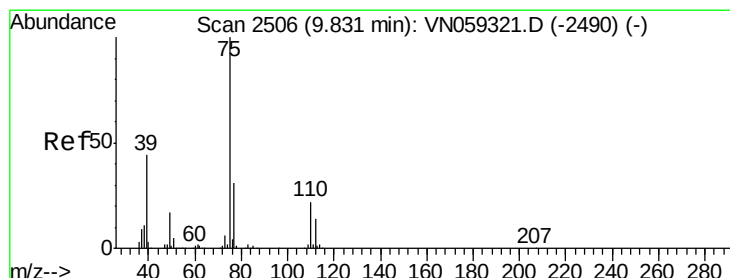
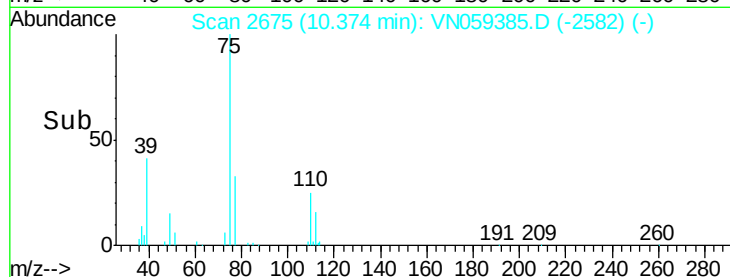
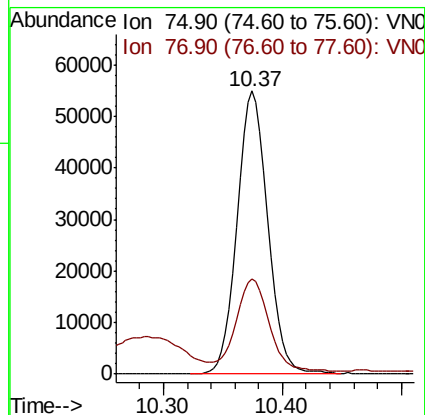
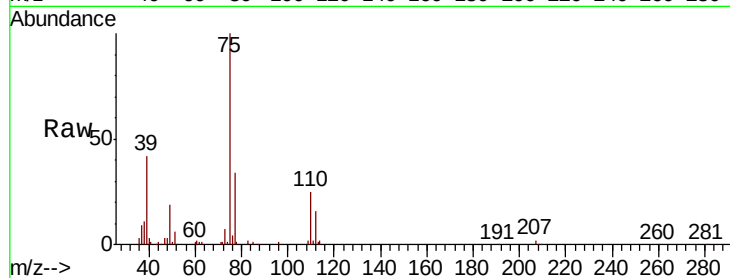
77 32.4 25.5 38.3

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#54

cis-1,3-Dichloropropene

Concen: 15.670 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

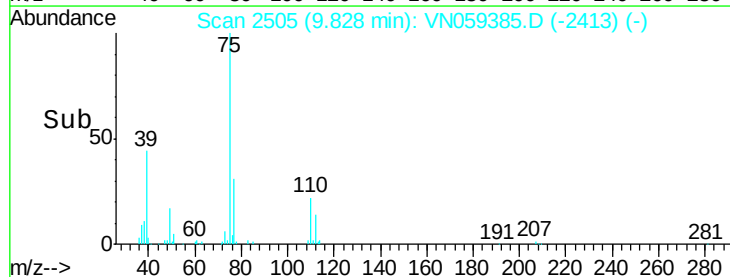
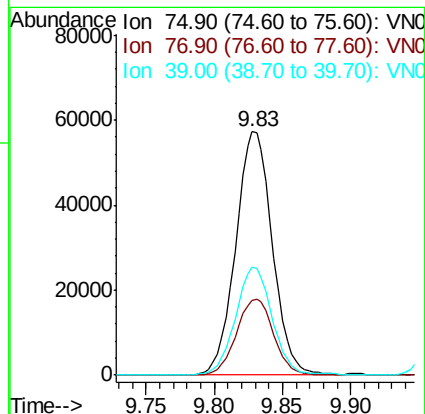
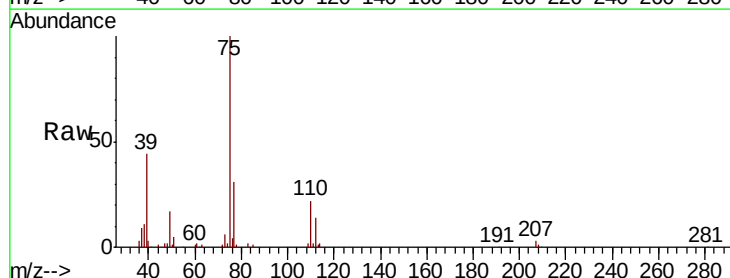
Tgt Ion: 75 Resp: 106725

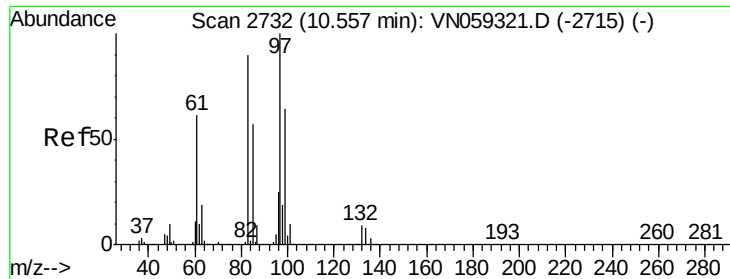
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 44.3 35.5 53.3





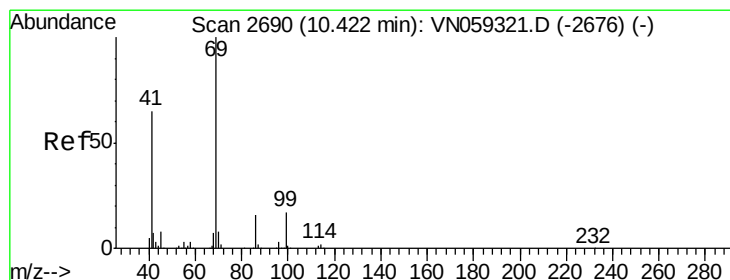
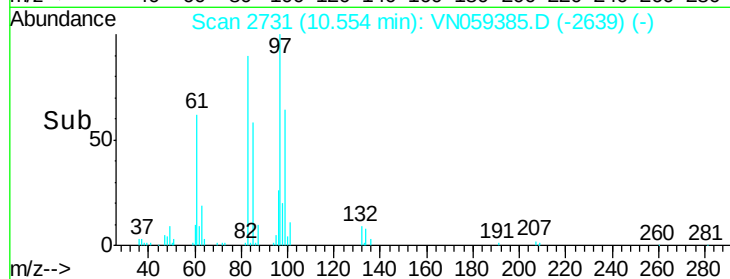
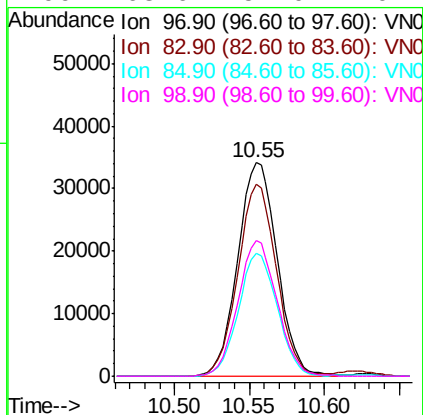
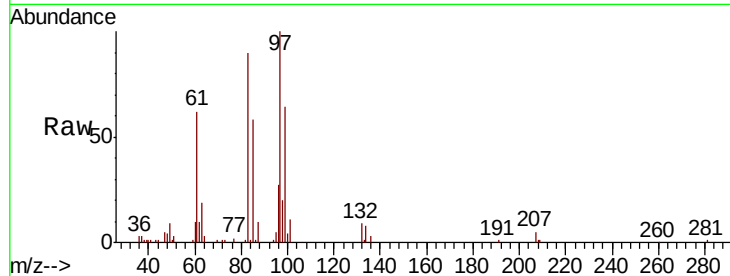
#55
 1,1,2-Trichloroethane
 Concen: 16.302 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion:	97	Resp:	62818
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.0	108.0
85	57.5	45.8	68.6
99	63.6	51.0	76.4

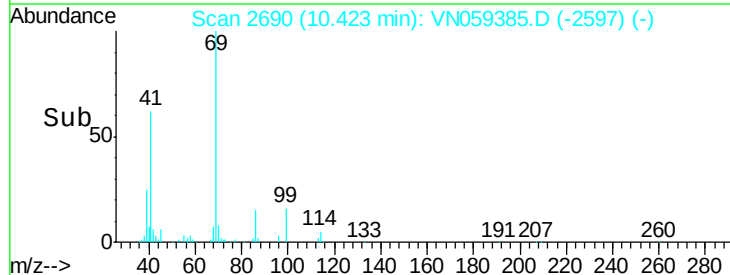
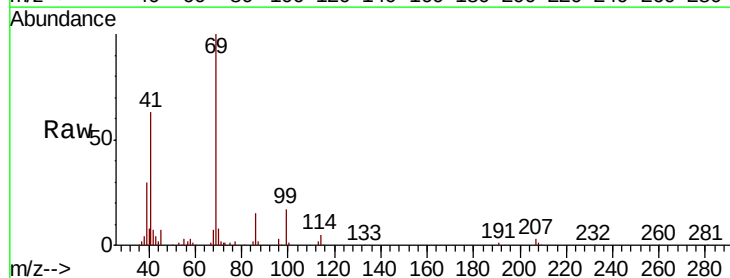
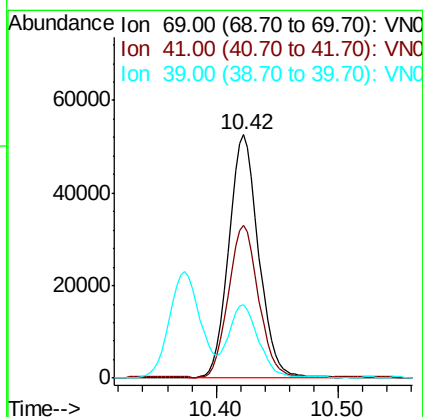
Manual Integrations
 APPROVED

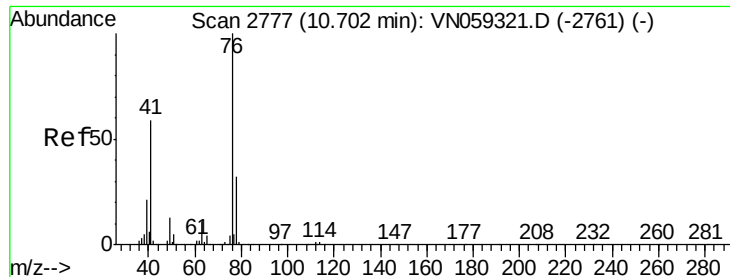
apatel
 11/26/2019 12:36:55 PM



#56
 Ethyl methacrylate
 Concen: 15.408 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion:	69	Resp:	89949
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.7	77.5
39	29.5	25.2	37.8





#57

1,3-Dichloropropane

Concen: 16.118 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 76 Resp: 108251

Ion Ratio Lower Upper

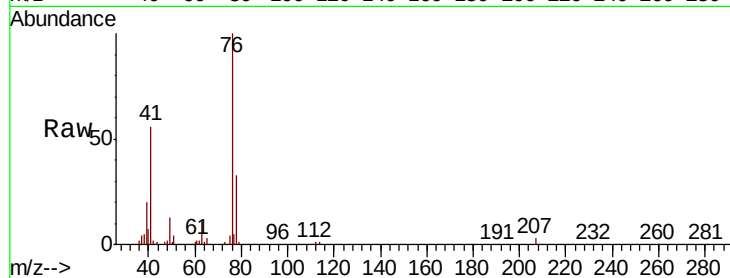
76 100

78 32.6 26.0 39.0

Manual Integrations
APPROVED

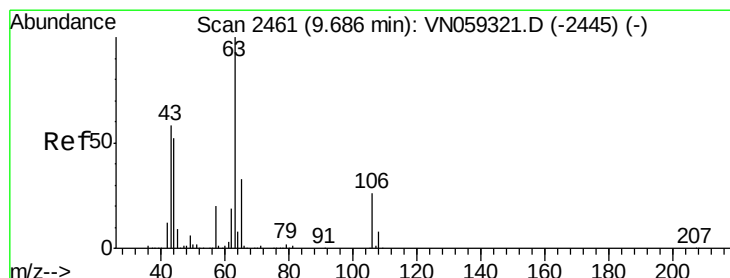
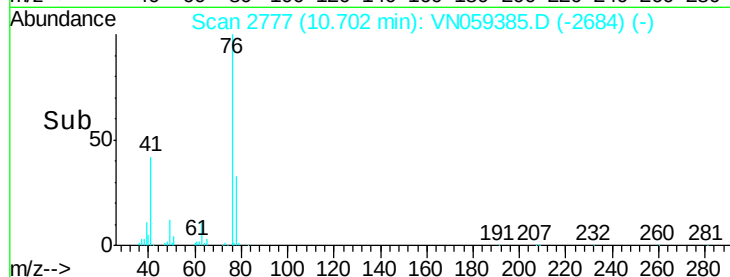
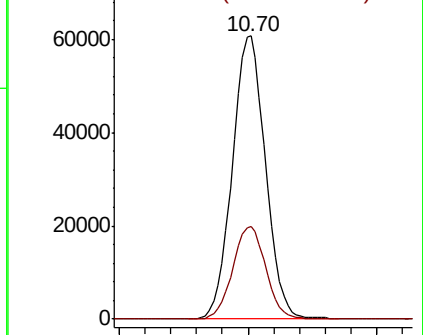
apatel

11/26/2019 12:36:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 63.828 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059385.D

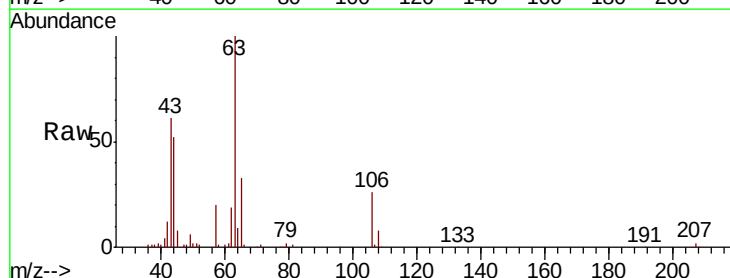
Acq: 25 Nov 2019 16:10

Tgt Ion: 63 Resp: 107879

Ion Ratio Lower Upper

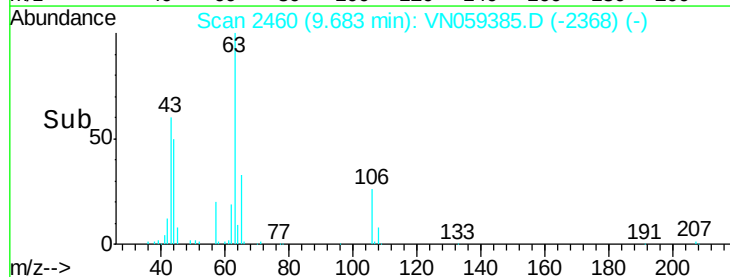
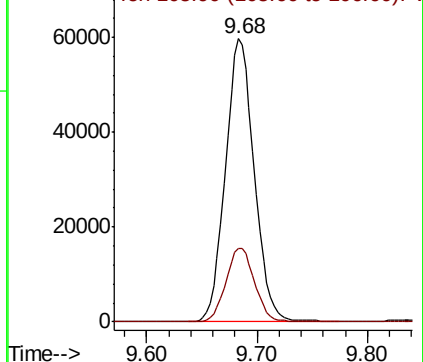
63 100

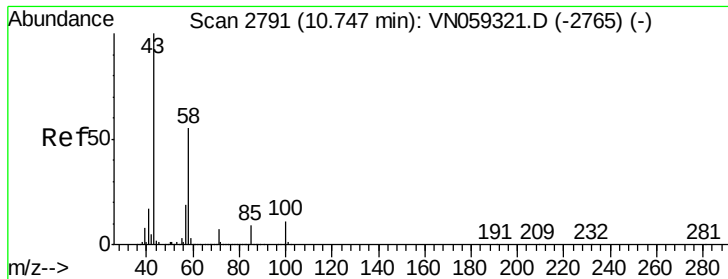
106 25.8 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 79.331 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 43 Resp: 313630

Ion Ratio Lower Upper

43 100

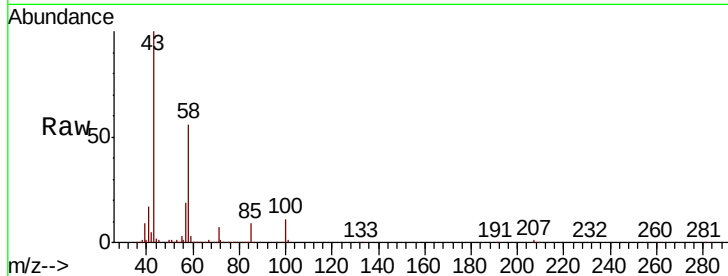
58 56.3 27.7 83.0

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-2765) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-2765) (-)

10.74

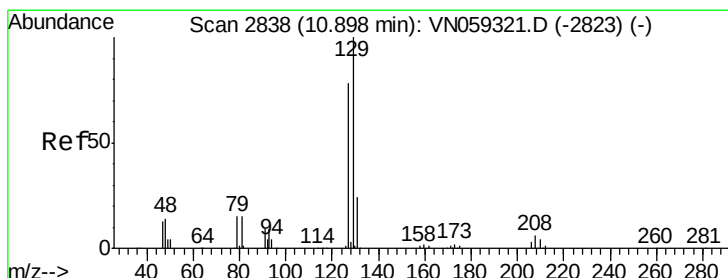
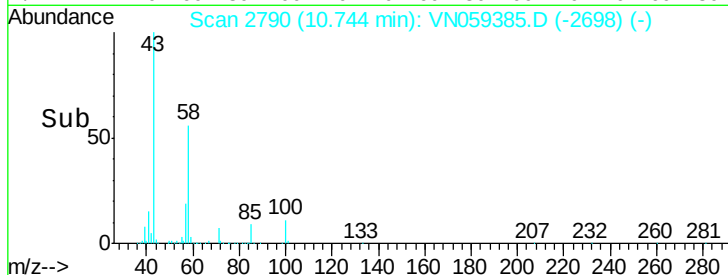
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 15.475 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. -0.00 min

Lab File: VN059385.D

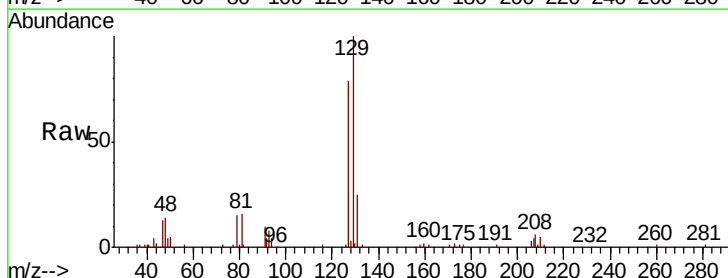
Acq: 25 Nov 2019 16:10

Tgt Ion: 129 Resp: 62840

Ion Ratio Lower Upper

129 100

127 79.3 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN059321.D (-2823) (-)

Ion 126.80 (126.50 to 127.50): VN059321.D (-2823) (-)

40000

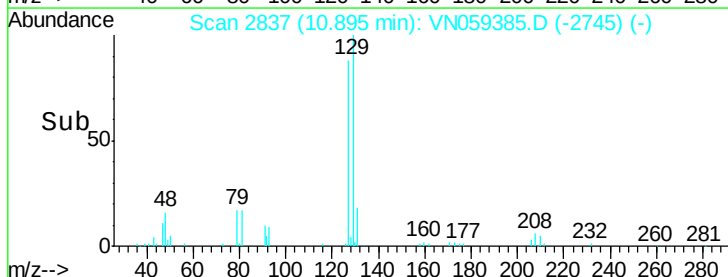
30000

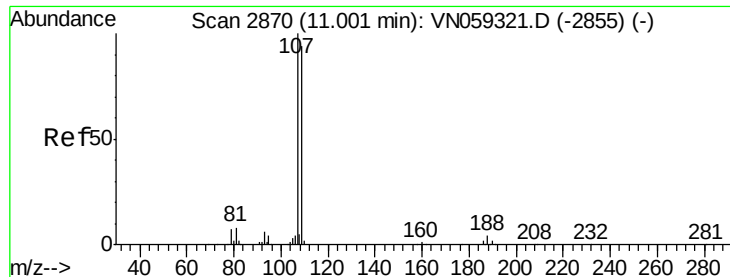
20000

10000

0

Time-->





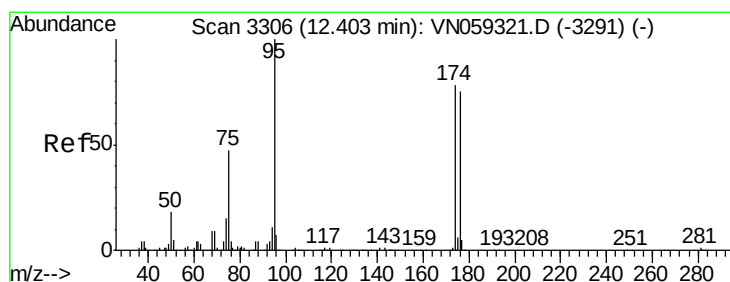
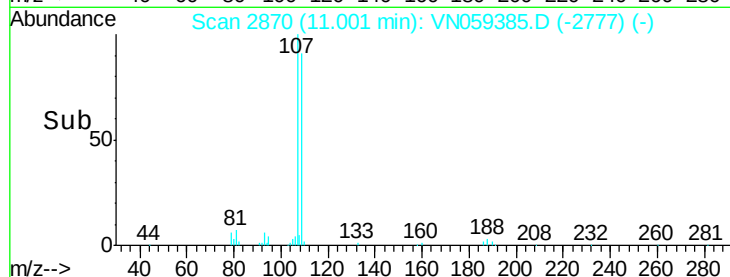
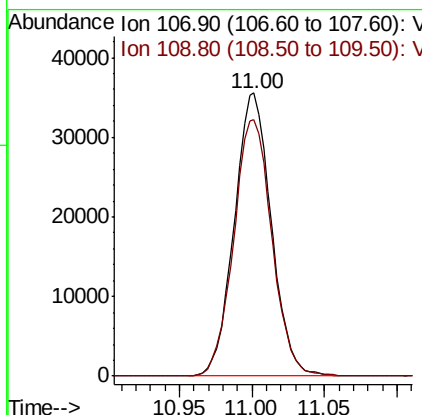
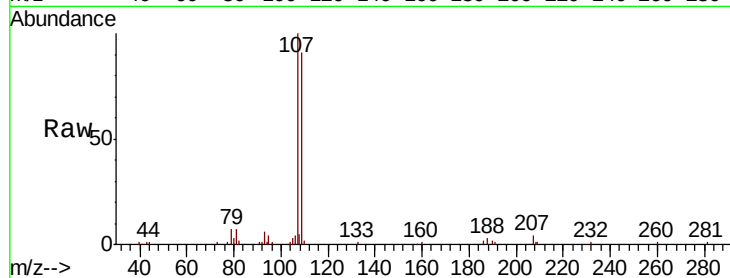
#61
 1,2-Dibromoethane
 Concen: 15.695 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion: 107 Resp: 62928
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.2

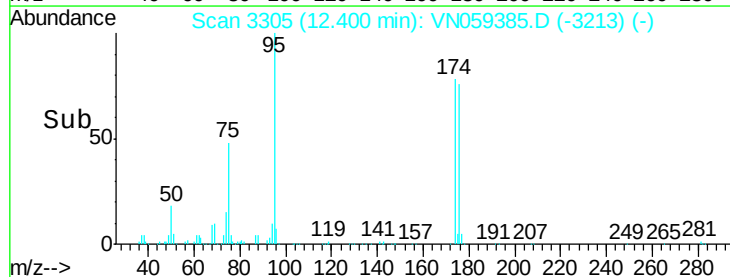
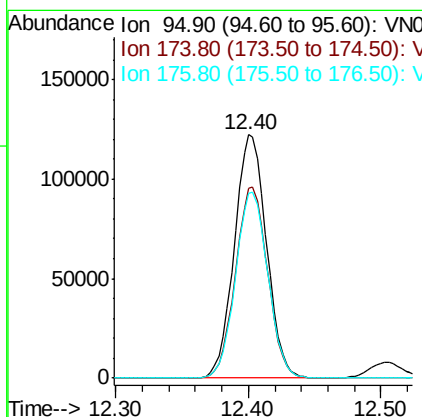
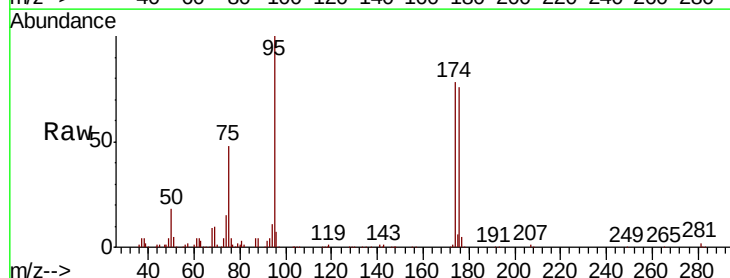
Manual Integrations
 APPROVED

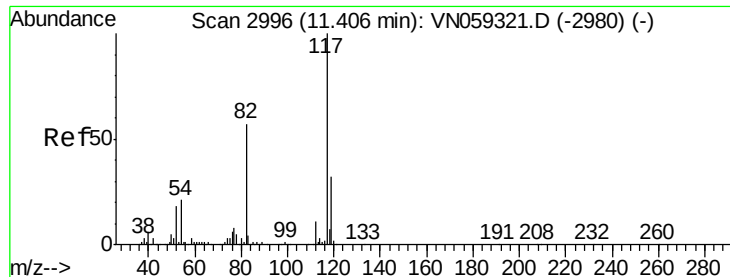
apatel
 11/26/2019 12:36:55 PM



#62
 4-Bromofluorobenzene
 Concen: 45.383 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion: 95 Resp: 205885
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 157.4
 176 76.7 0.0 151.2





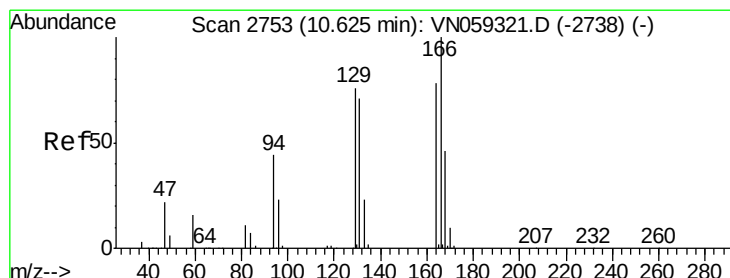
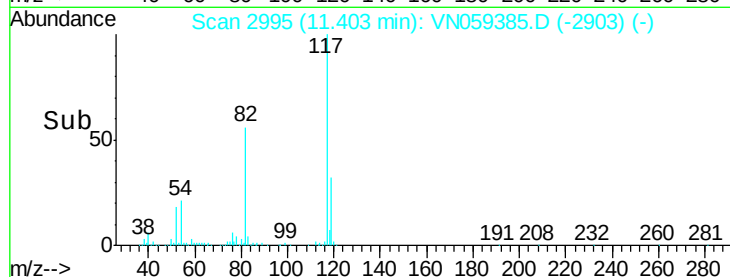
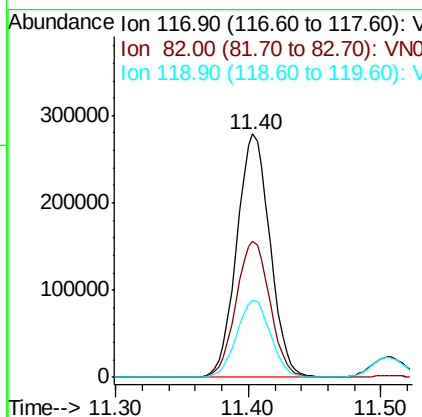
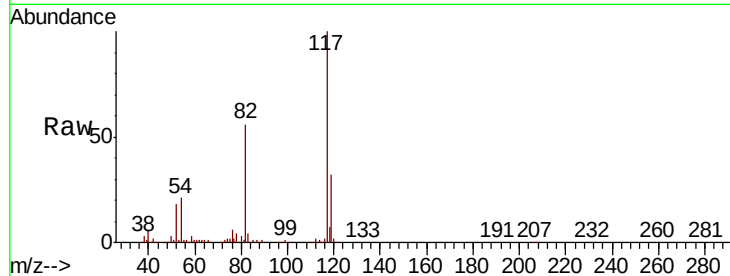
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.7	68.5
119	31.9	25.8	38.6

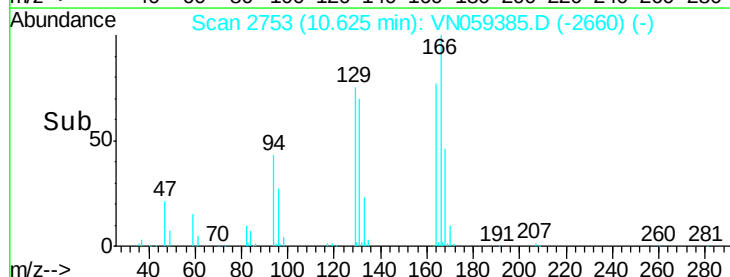
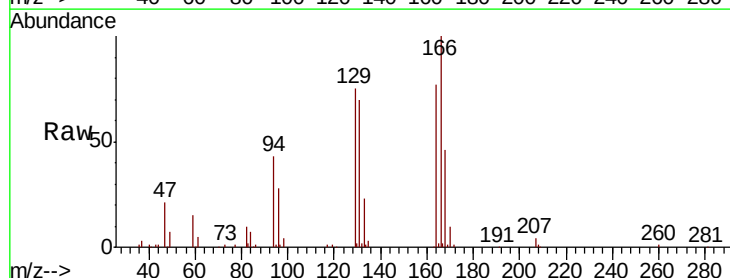
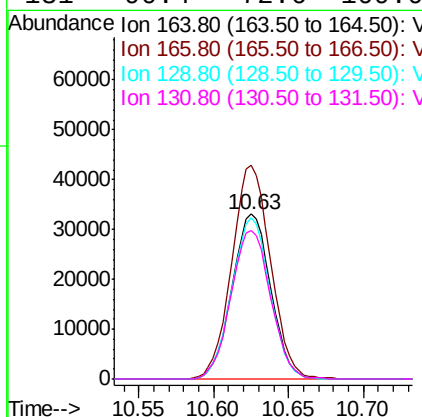
Manual Integrations
APPROVED

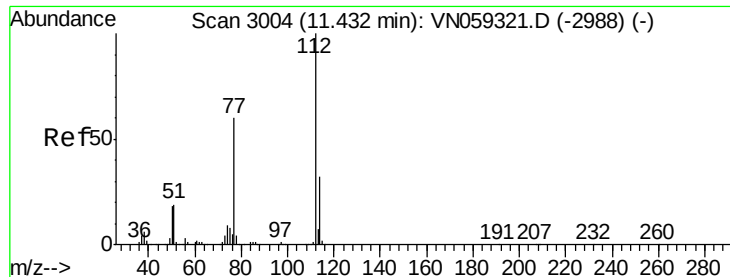
apatel
11/26/2019 12:36:55 PM



#64
Tetrachloroethene
Concen: 15.830 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.9	154.3
129	97.4	78.2	117.2
131	90.4	72.6	109.0





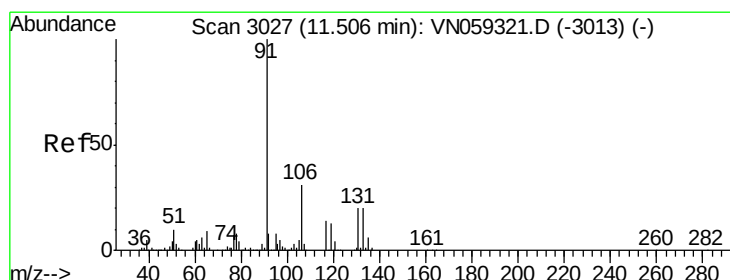
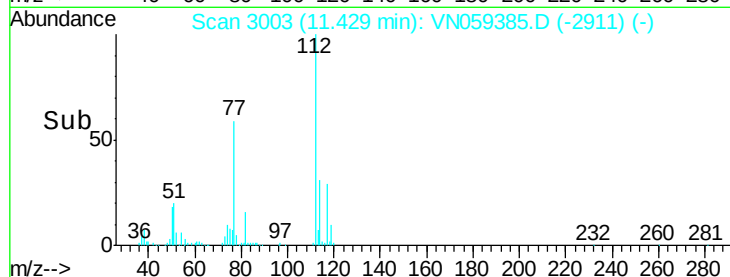
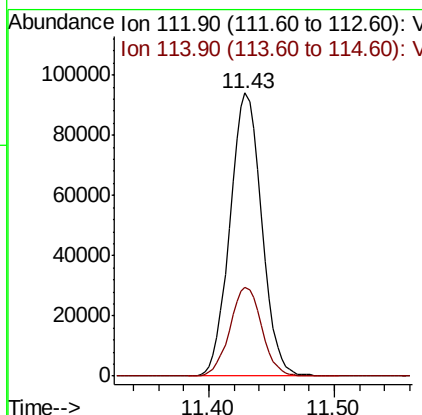
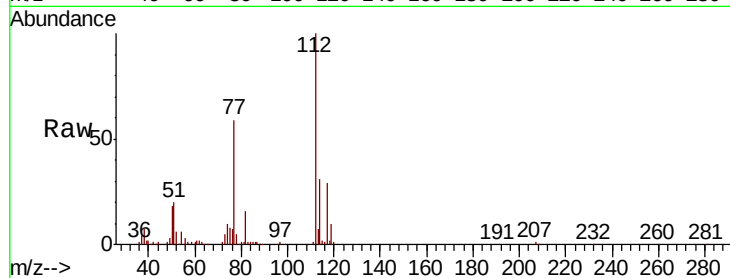
#65
Chlorobenzene
Concen: 15.799 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

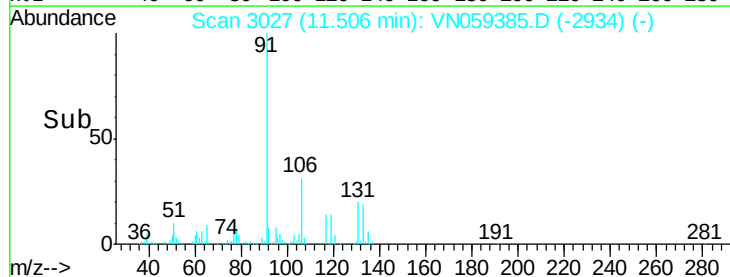
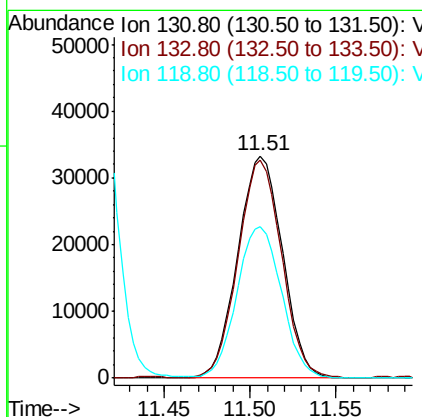
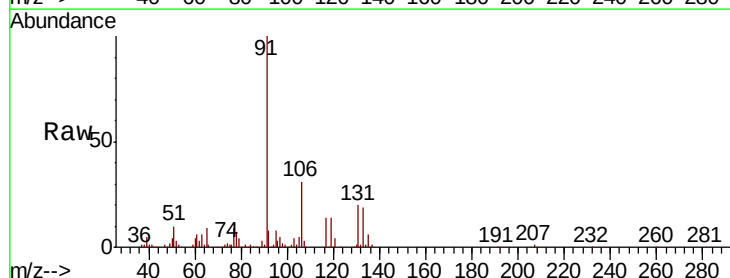
Manual Integrations
APPROVED

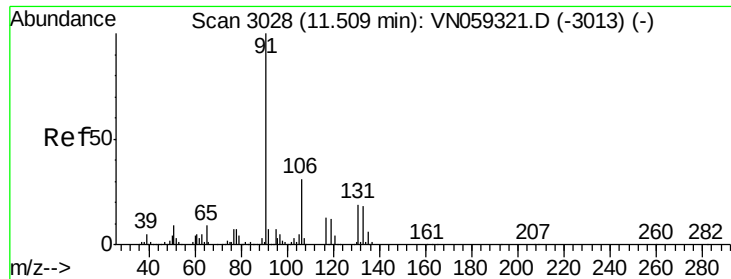
apatel
11/26/2019 12:36:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 15.767 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.2	144.6
119	68.5	33.6	100.6





#67

Ethyl Benzene

Concen: 15.612 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 91 Resp: 291625

Ion Ratio Lower Upper

91 100

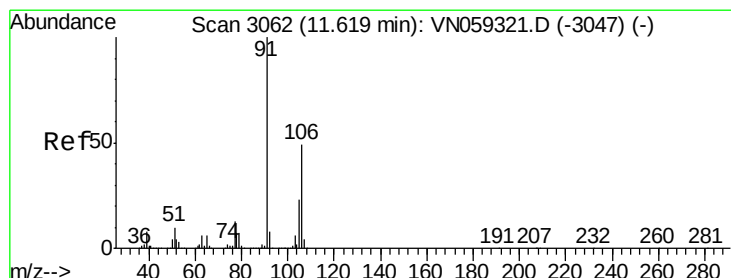
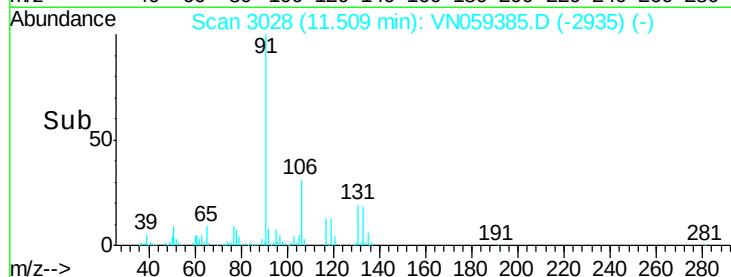
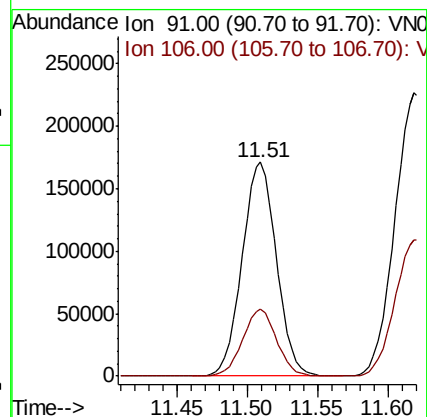
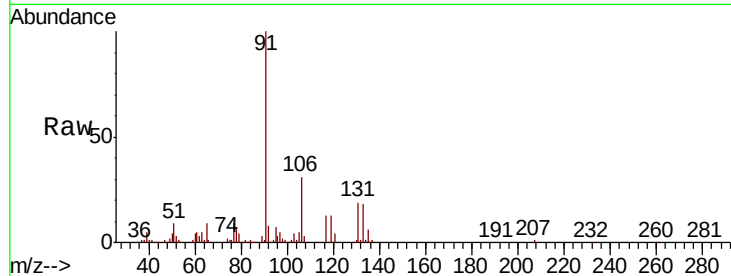
106 31.2 24.6 37.0

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#68

m/p-Xylenes

Concen: 31.202 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059385.D

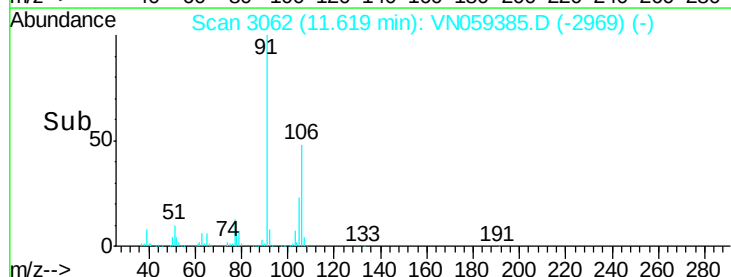
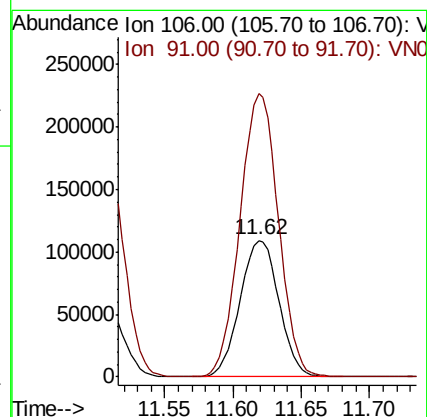
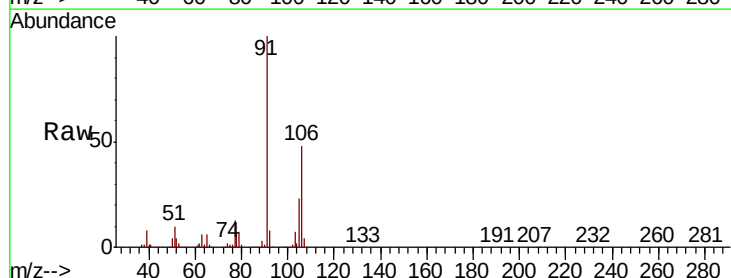
Acq: 25 Nov 2019 16:10

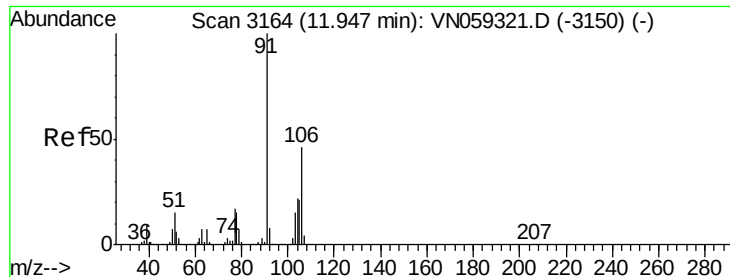
Tgt Ion: 106 Resp: 216573

Ion Ratio Lower Upper

106 100

91 204.5 163.2 244.8





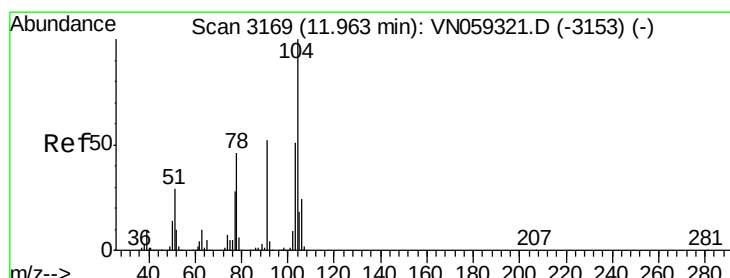
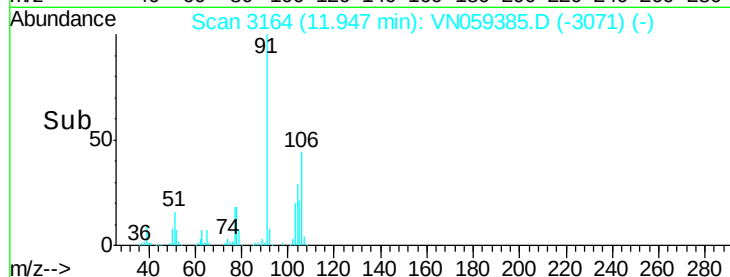
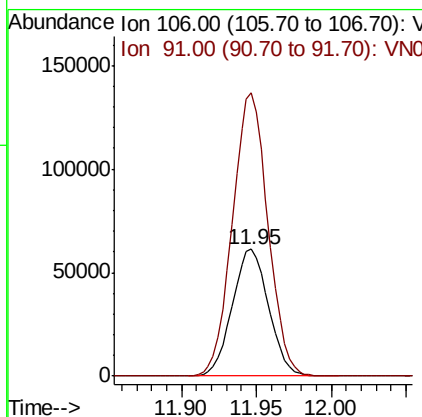
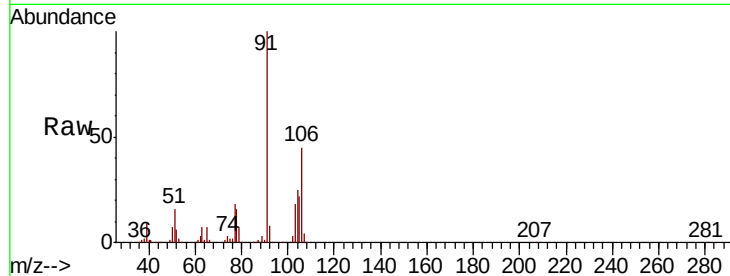
#69
o-Xylene
Concen: 15.601 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	103670		
91	91	217.8	109.3	327.9	

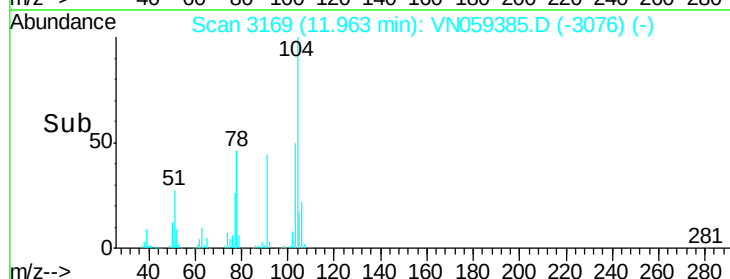
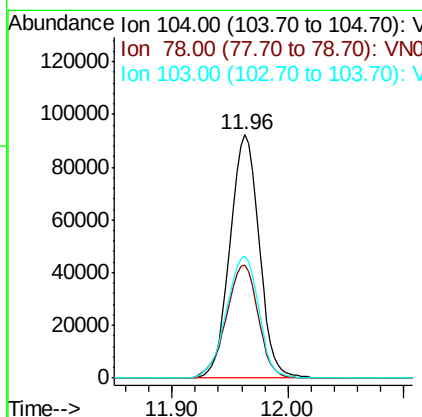
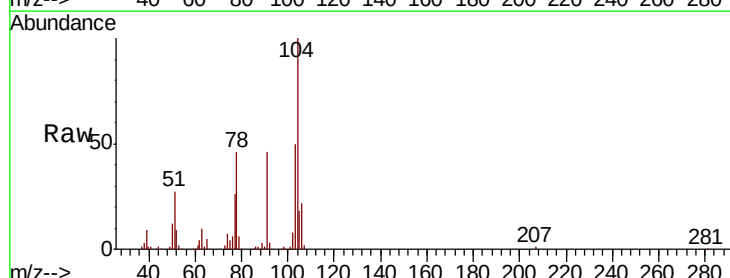
Manual Integrations
APPROVED

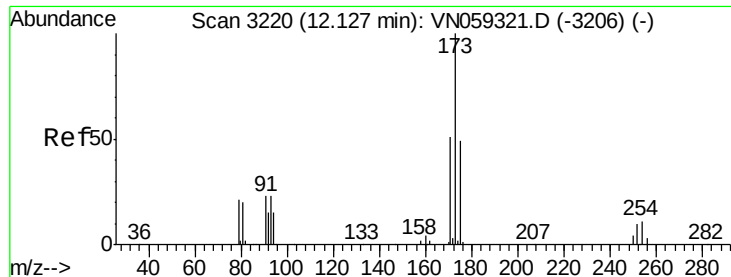
apatel
11/26/2019 12:36:55 PM



#70
Styrene
Concen: 15.325 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	160680		
78	78	50.8	40.3	60.5	
103	103	55.6	43.6	65.4	





#71

Bromoform

Concen: 15.403 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

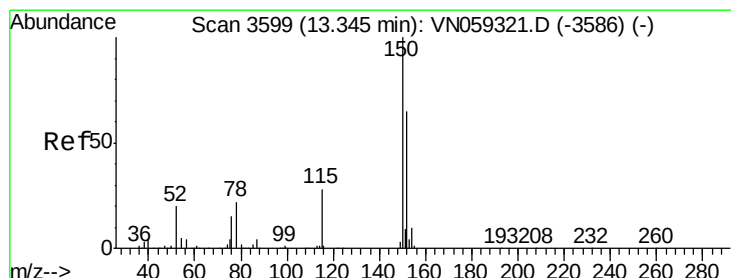
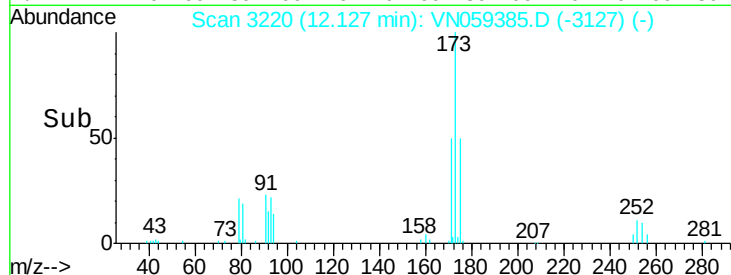
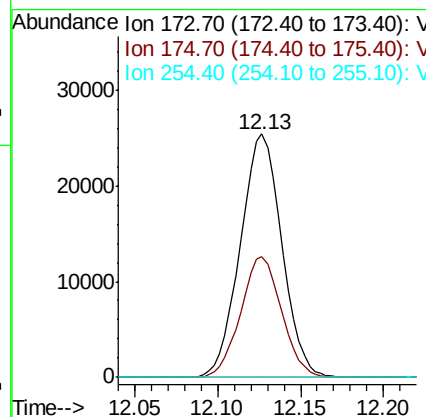
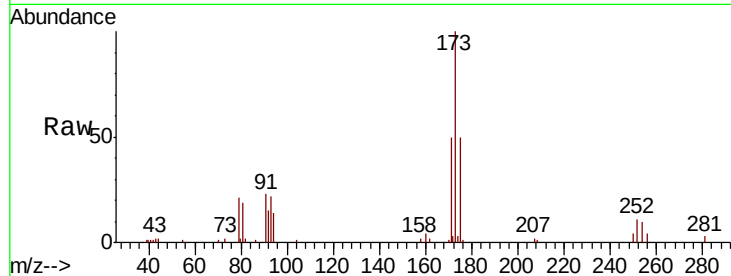
ClientSampleId :

VN1125WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.6
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

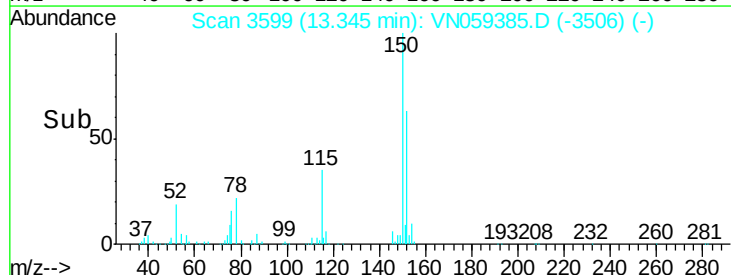
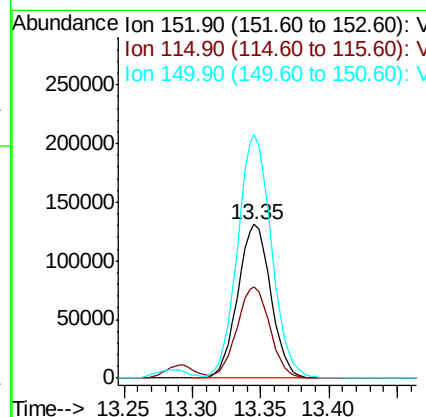
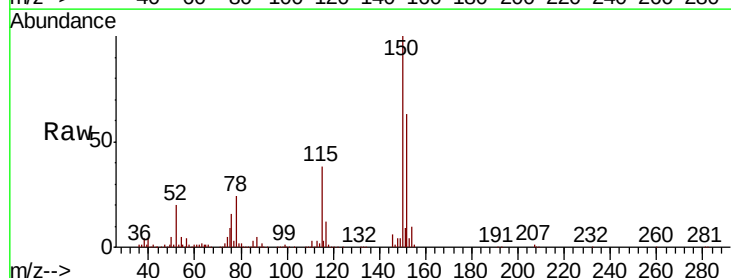
RT: 13.35 min Scan# 3599

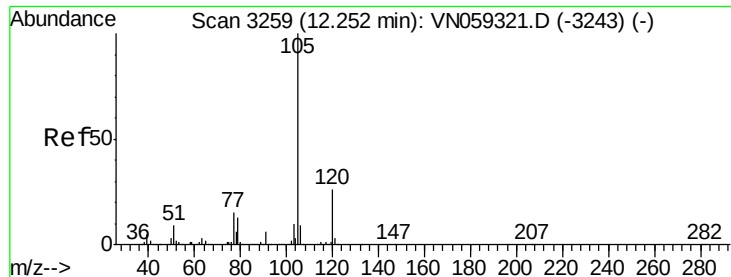
Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.3	88.0
150	161.8	0.0	346.0





#73

Isopropylbenzene

Concen: 15.277 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion:105 Resp: 276564

Ion Ratio Lower Upper

105 100

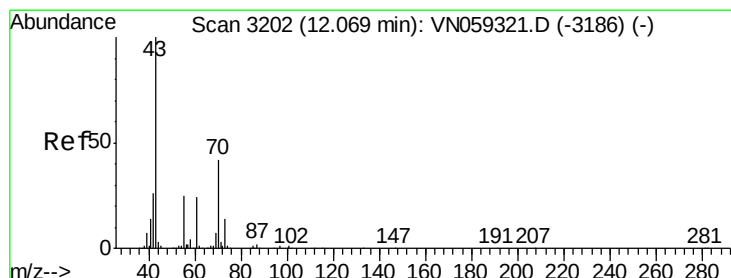
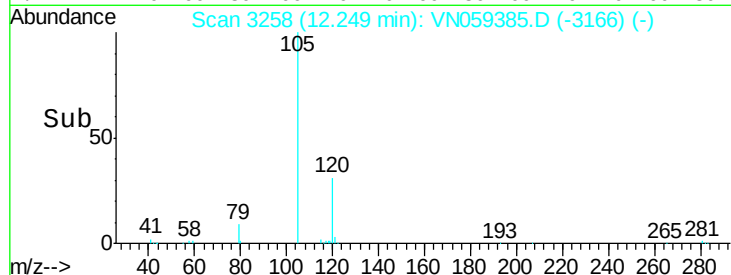
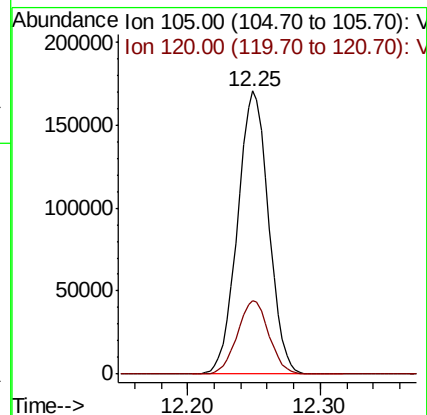
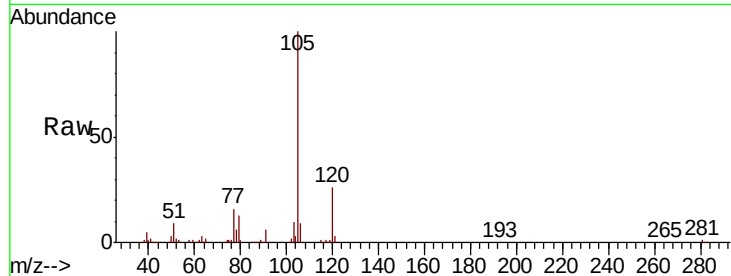
120 26.2 13.1 39.3

Manual Integrations

APPROVED

apatel

11/26/2019 12:36:55 PM



#74

N-ethyl acetate

Concen: 14.281 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion: 43 Resp: 103898

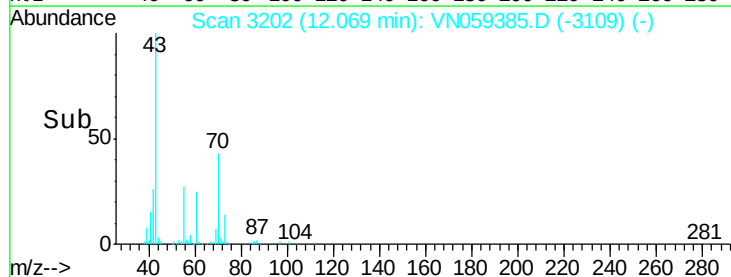
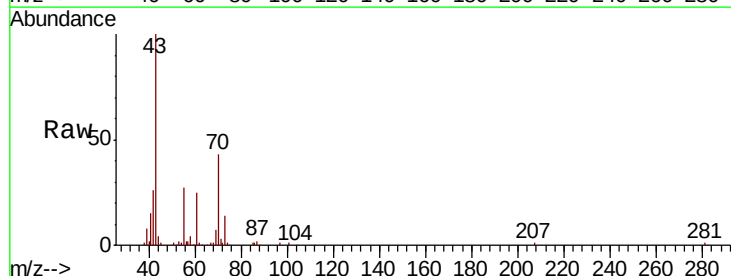
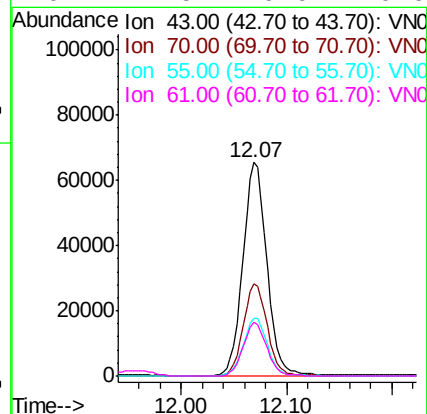
Ion Ratio Lower Upper

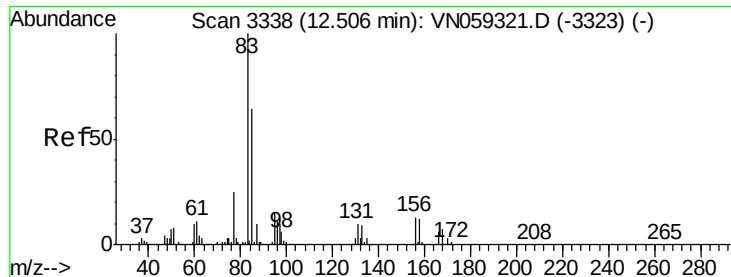
43 100

70 43.0 33.8 50.6

55 27.0 20.3 30.5

61 24.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 14.841 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

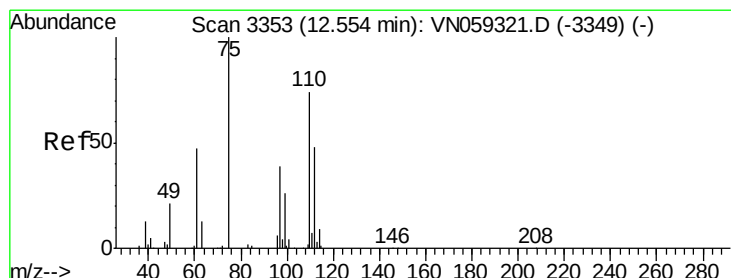
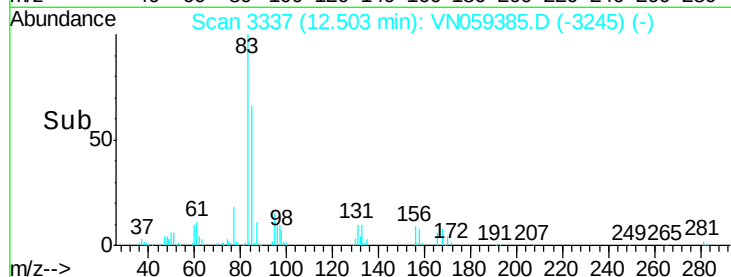
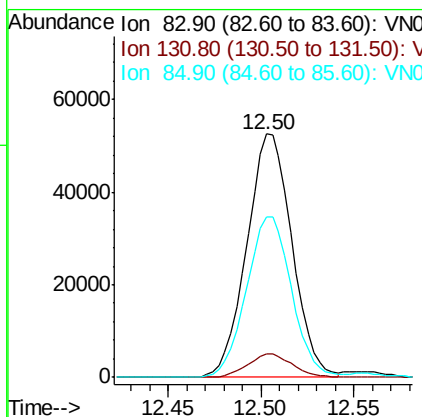
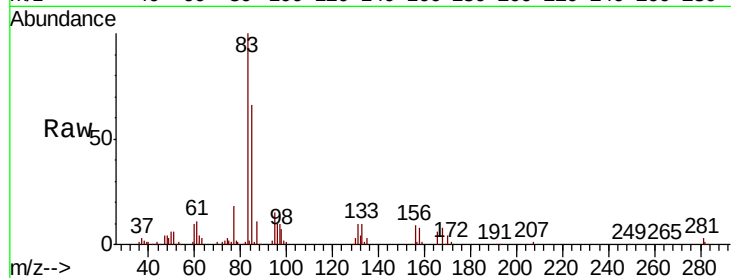
ClientSampleId :

VN1125WBS02

Tot Ion:	83	Resp:	88873
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	65.9	32.1	96.3

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#76

1,2,3-Trichloropropane

Concen: 15.571 ug/l m

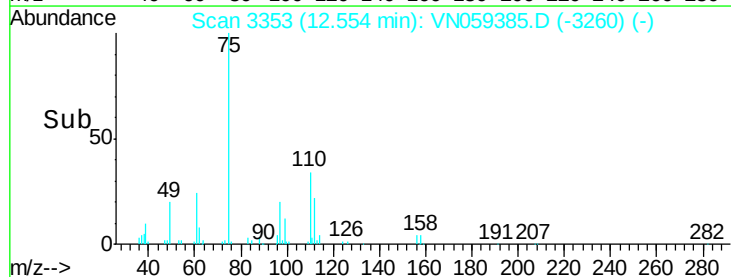
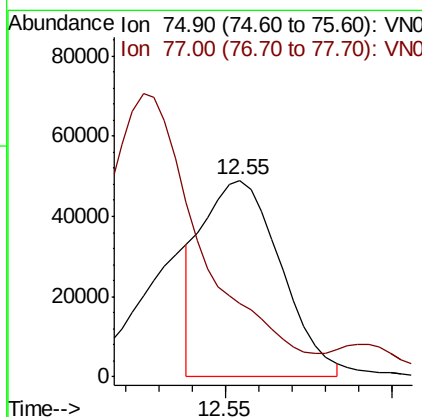
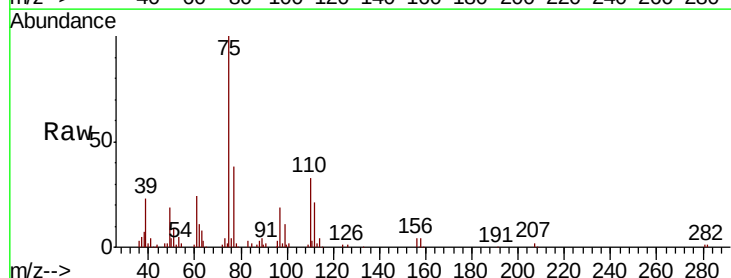
RT: 12.55 min Scan# 3353

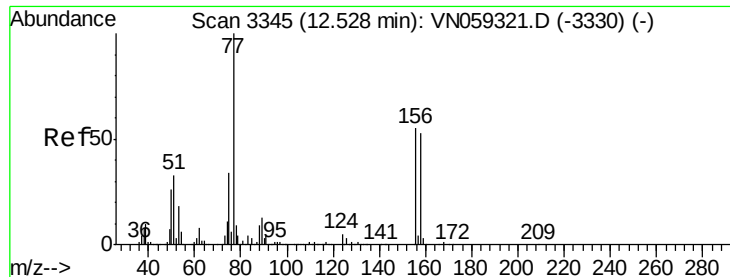
Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	75	Resp:	79494
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 15.284 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

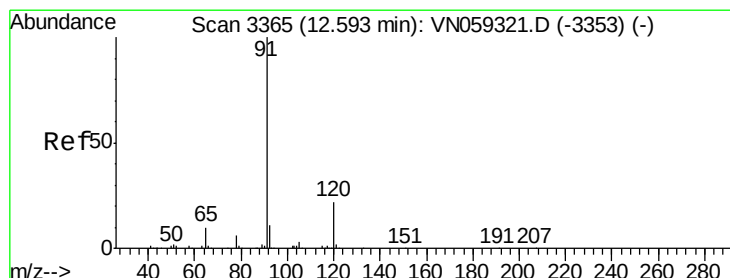
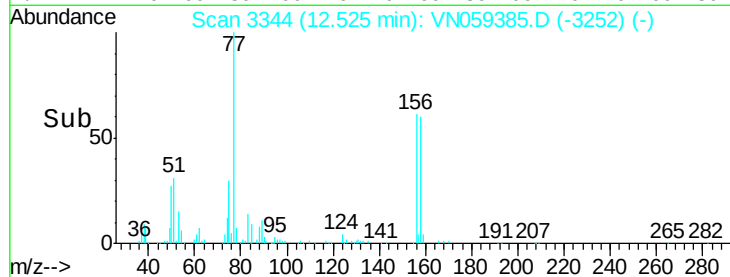
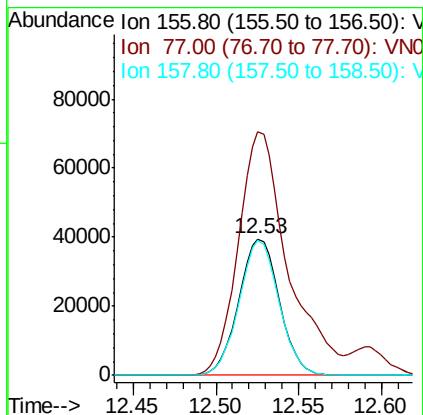
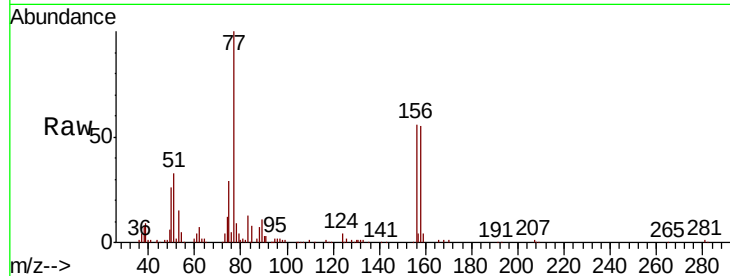
ClientSampleId :

VN1125WBS02

Tot Ion:	156	Resp:	67111
Ion Ratio	Lower	Upper	
156	100		
77	219.5	111.1	333.4
158	97.5	47.8	143.4

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#78

n-propylbenzene

Concen: 15.522 ug/l

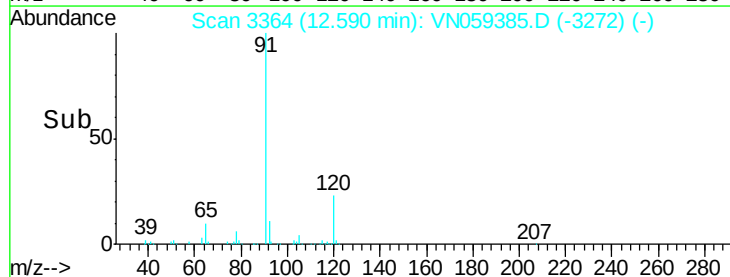
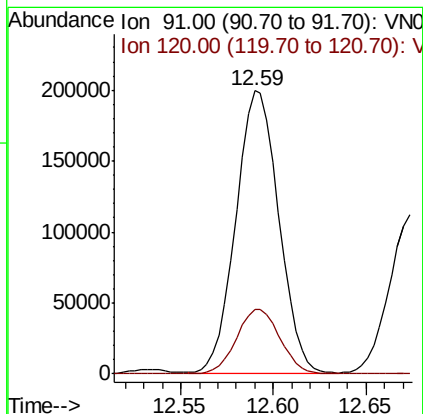
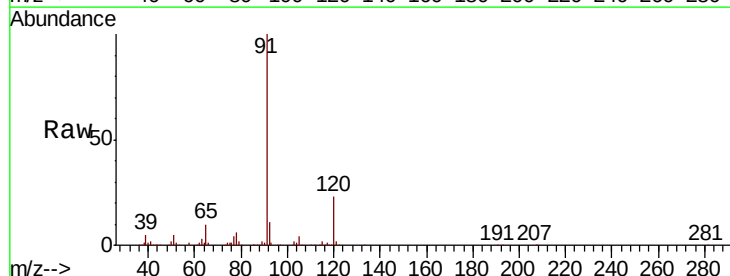
RT: 12.59 min Scan# 3364

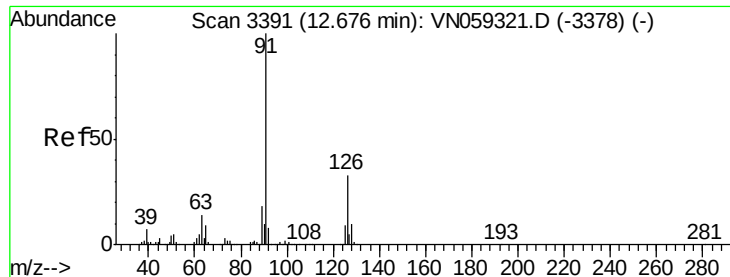
Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion:	91	Resp:	318301
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.3	33.9





#79

2-Chlorotoluene

Concen: 15.049 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion: 91 Resp: 189420

Ion Ratio Lower Upper

91 100

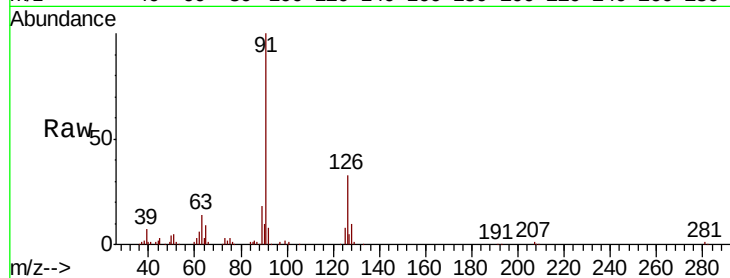
126 33.6 16.7 50.1

Manual Integrations

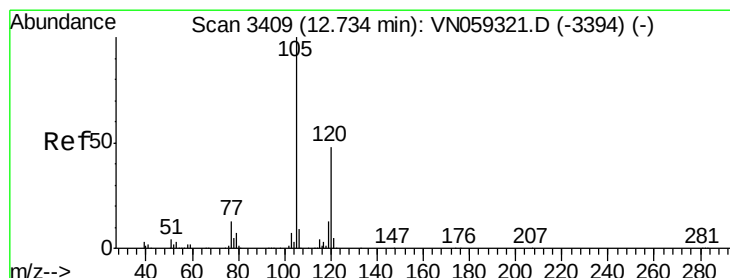
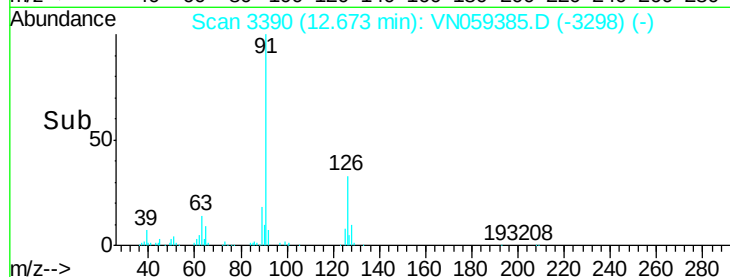
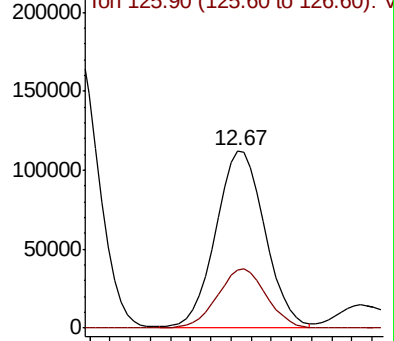
APPROVED

apatel

11/26/2019 12:36:55 PM



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 15.326 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059385.D

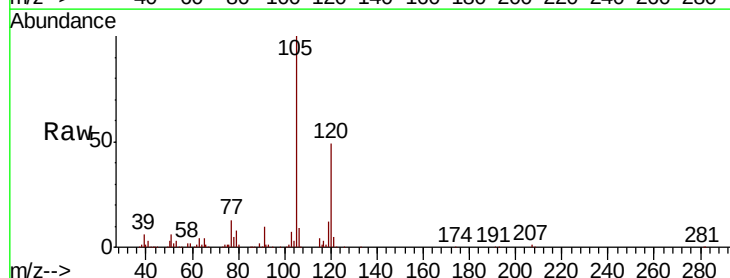
Acq: 25 Nov 2019 16:10

Tgt Ion: 105 Resp: 233234

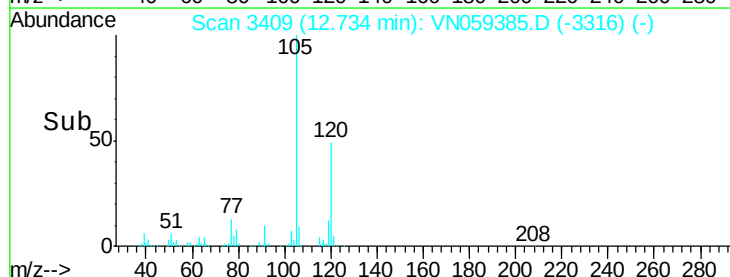
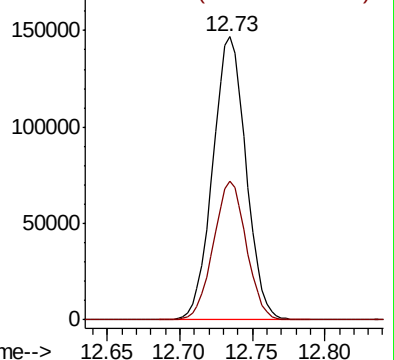
Ion Ratio Lower Upper

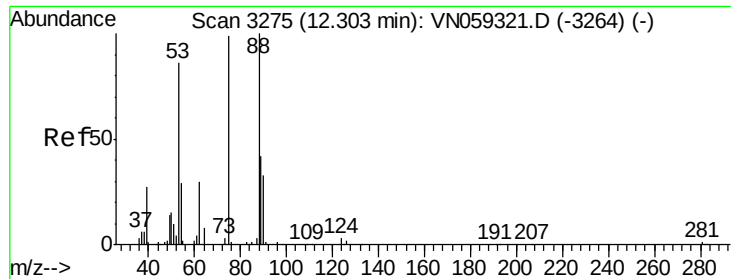
105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)





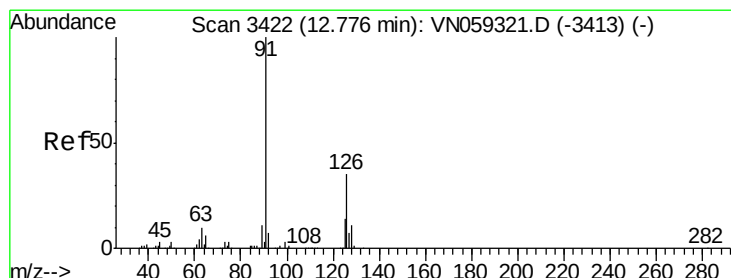
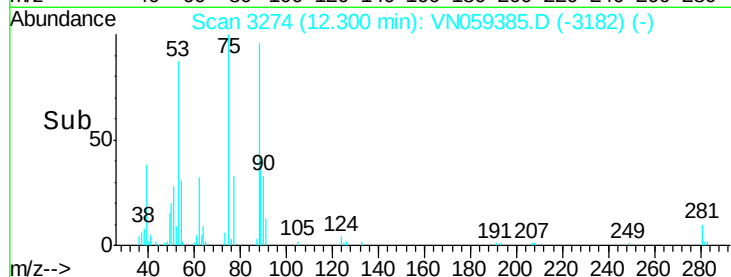
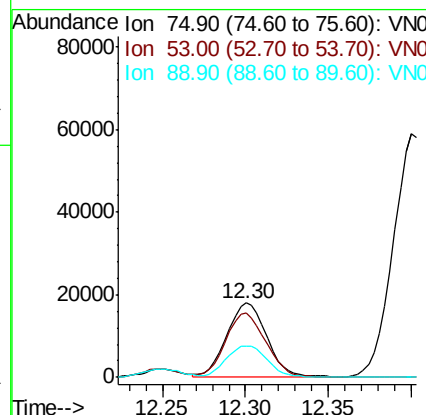
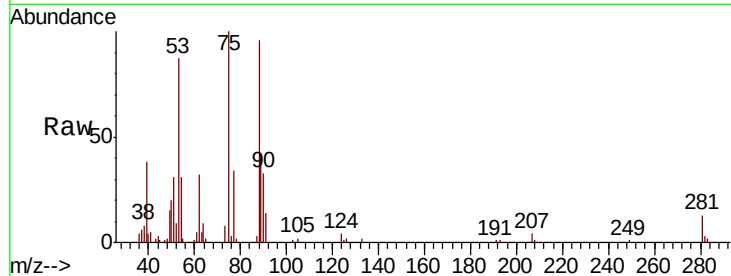
#81
trans-1,4-Dichloro-2-butene
Concen: 14.932 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	70.7	106.1
89	43.0	35.4	53.0

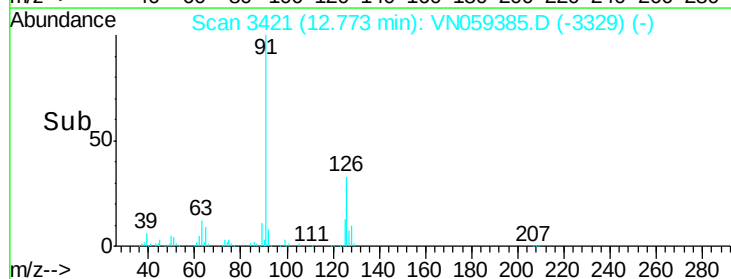
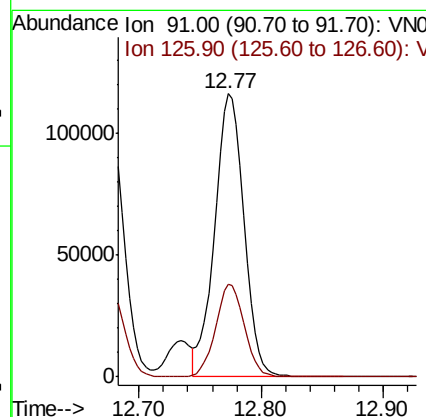
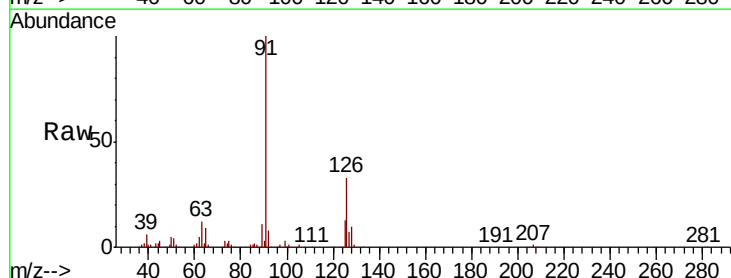
Manual Integrations
APPROVED

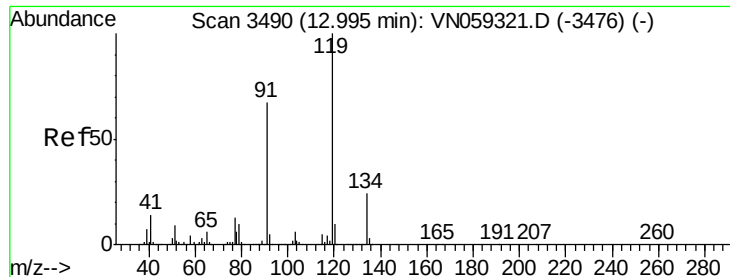
apatel
11/26/2019 12:36:55 PM



#82
4-Chlorotoluene
Concen: 14.965 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





#83

tert-Butylbenzene

Concen: 15.357 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

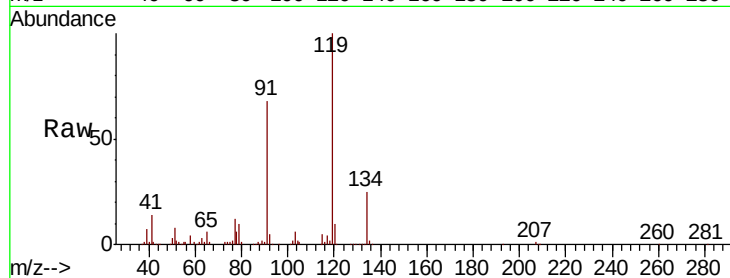
ClientSampleId :

VN1125WBS02

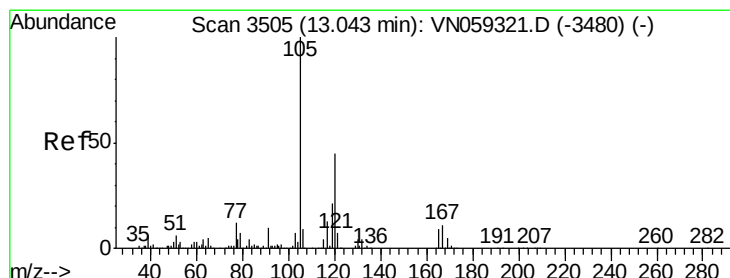
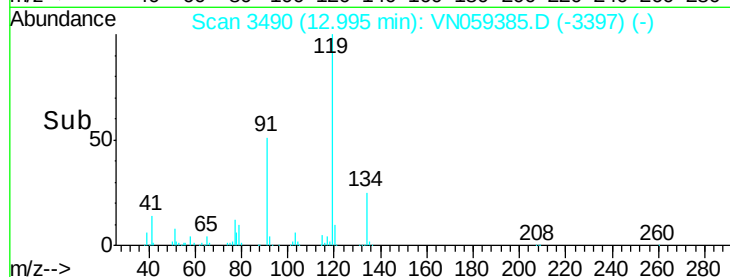
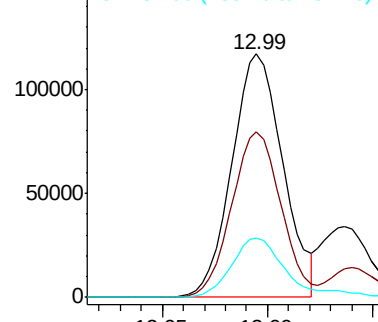
Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		197374		
91	66.3	32.8	98.4		
134	24.5	13.0	38.9		

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.465 ug/l

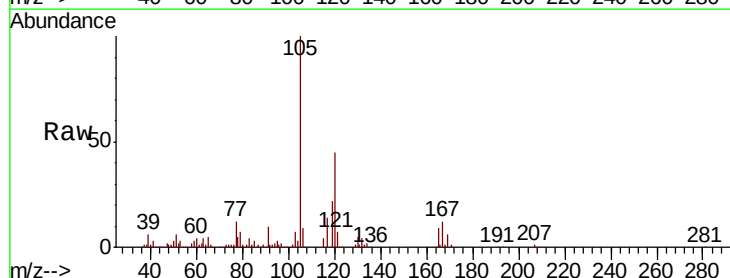
RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

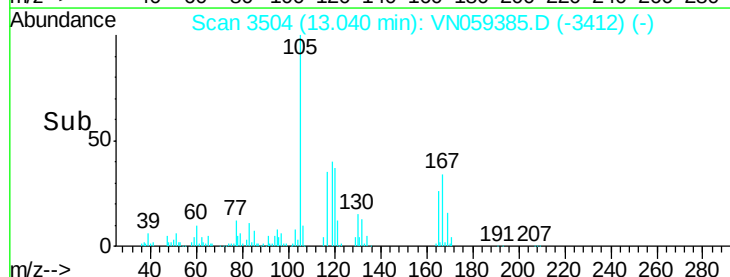
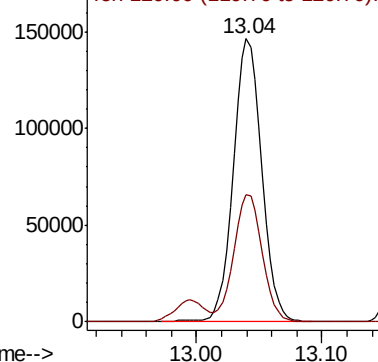
Lab File: VN059385.D

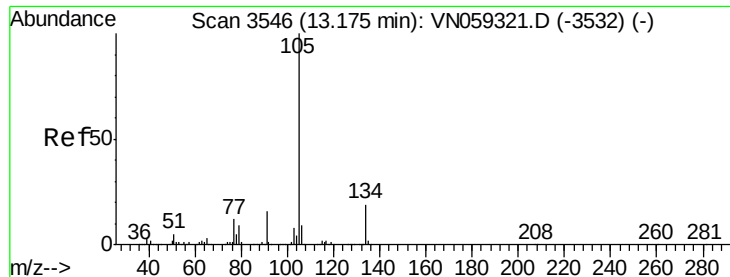
Acq: 25 Nov 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		230533		
120	44.9	22.6	67.8		



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.421 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS02

Tot Ion:105 Resp: 266383

Ion Ratio Lower Upper

105 100

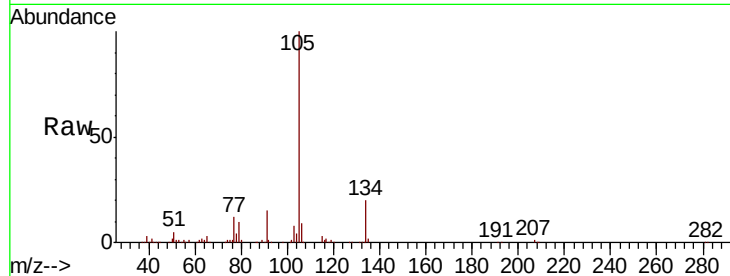
134 19.7 9.8 29.3

Manual Integrations

APPROVED

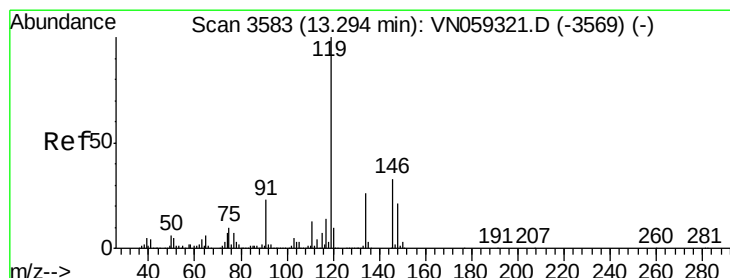
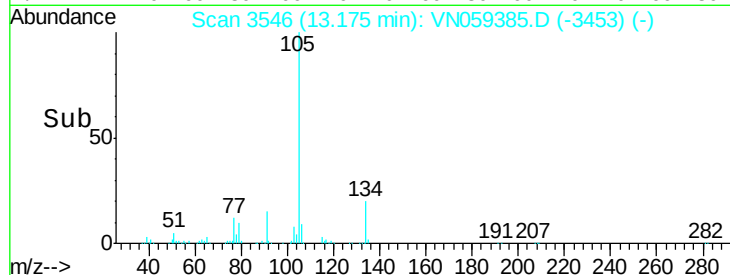
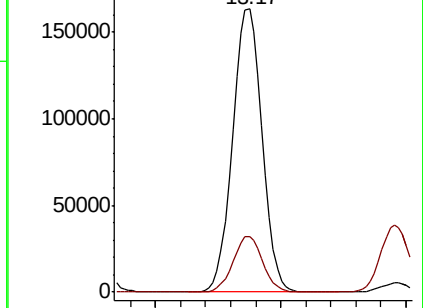
apatel

11/26/2019 12:36:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.338 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

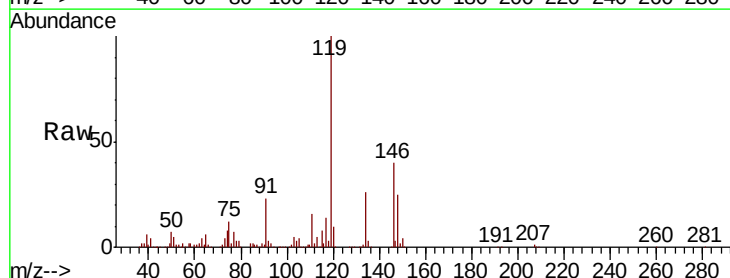
Tgt Ion:119 Resp: 235769

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

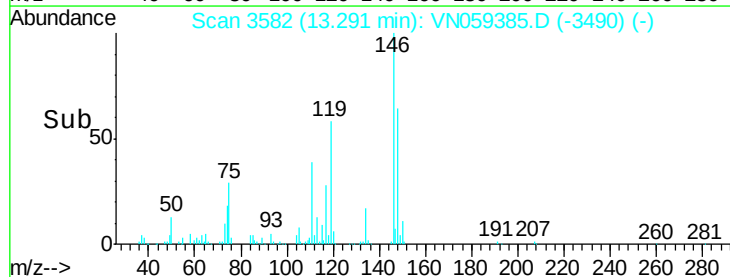
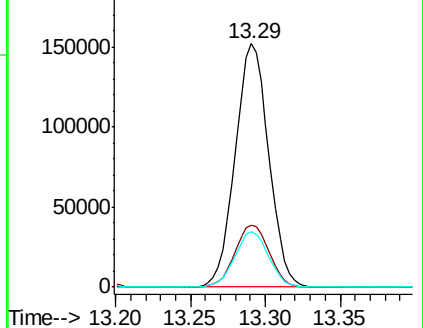
91 23.1 11.6 34.7

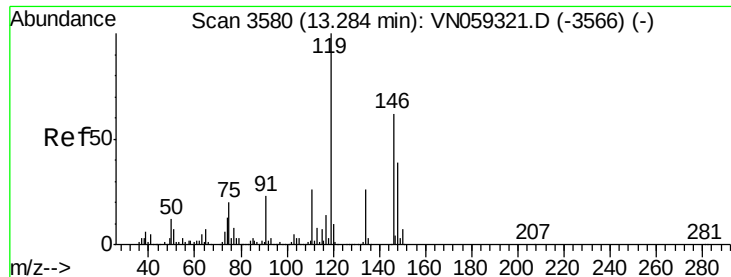


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 14.879 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059385.D

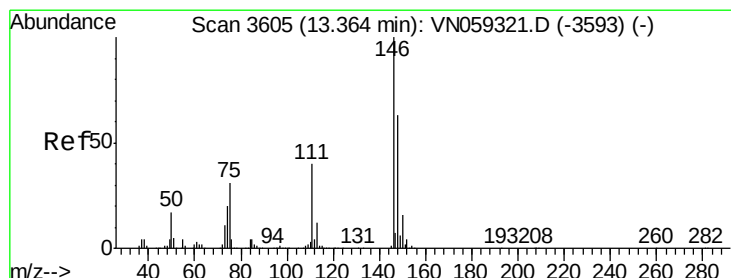
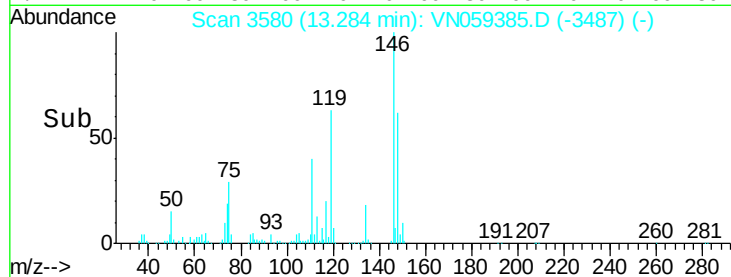
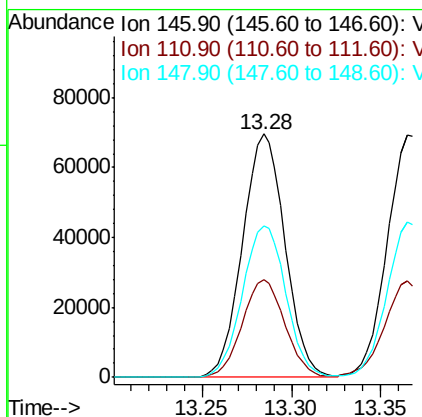
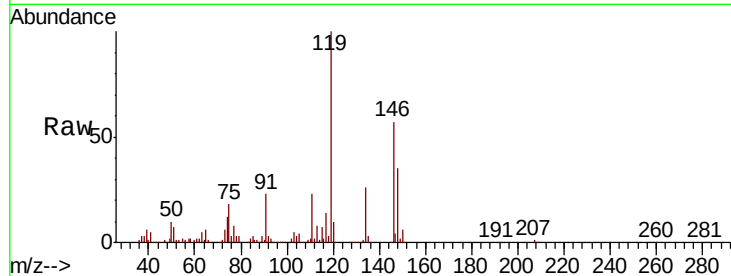
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.7	31.9	95.5

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#88

1,4-Dichlorobenzene

Concen: 15.011 ug/l

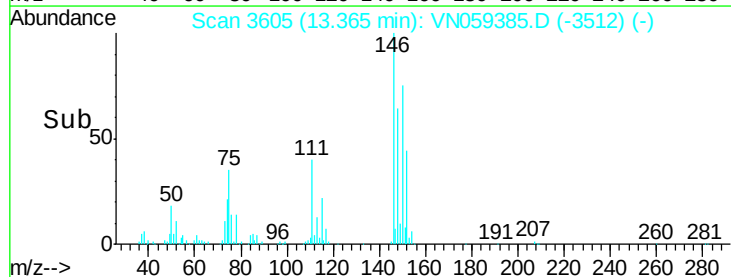
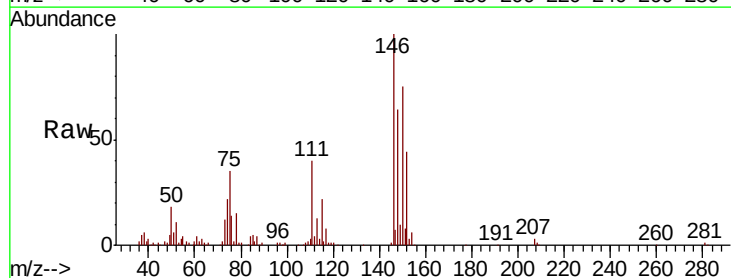
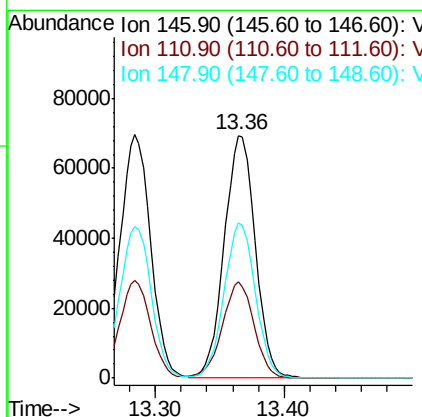
RT: 13.36 min Scan# 3605

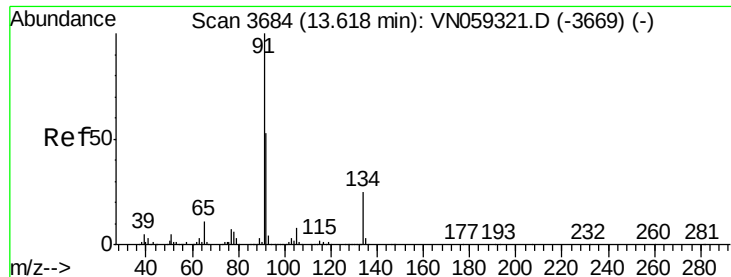
Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	64.2	31.7	95.1





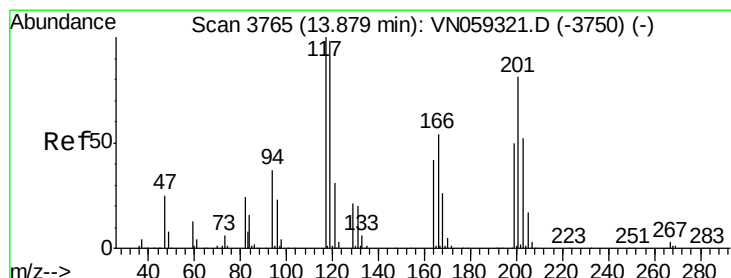
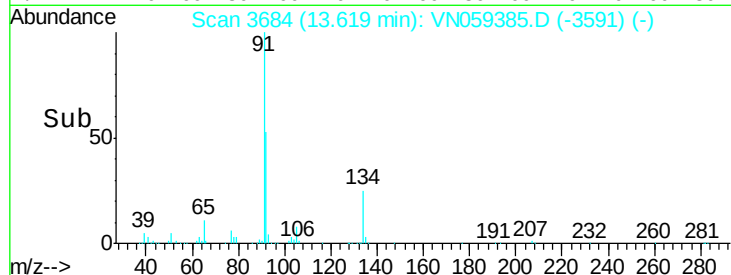
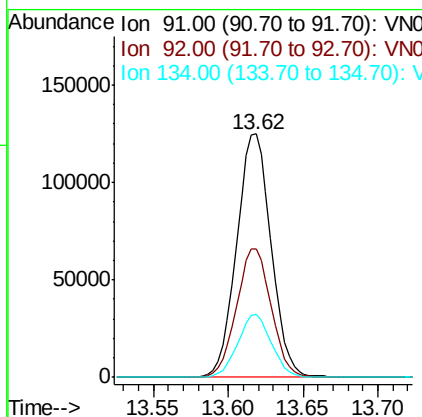
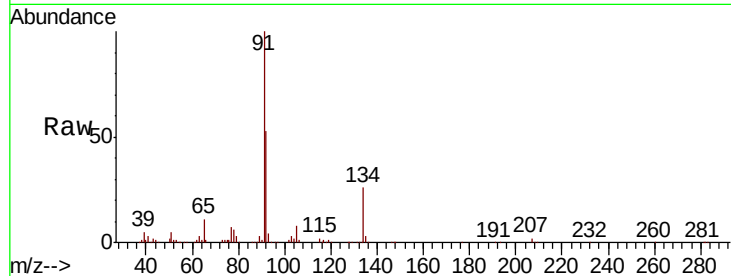
#89
n-Butylbenzene
Concen: 14.870 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.0	78.0
134	25.2	12.7	38.1

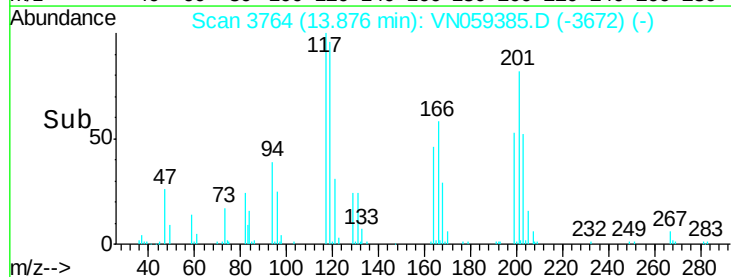
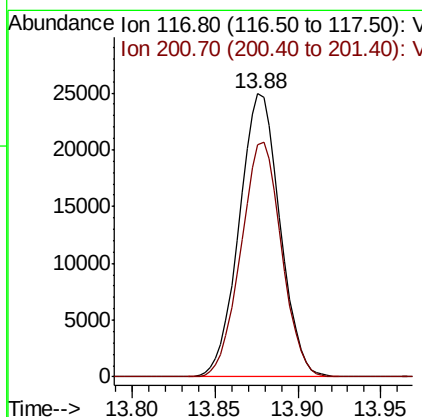
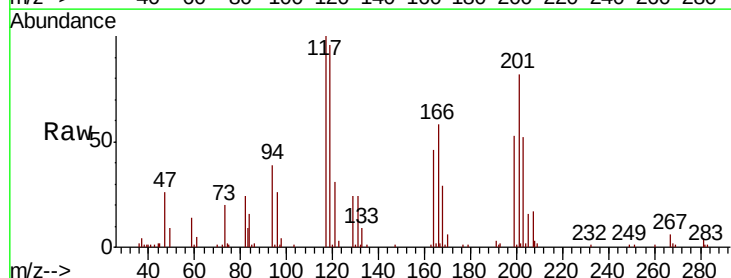
Manual Integrations
APPROVED

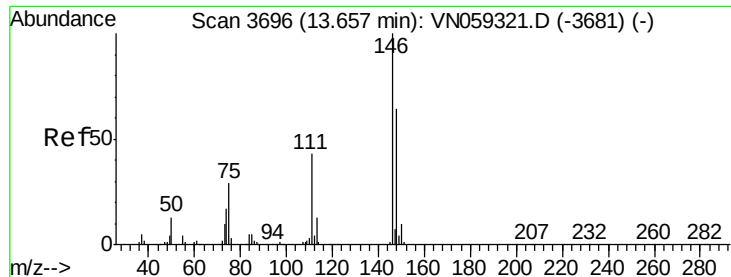
apatel
11/26/2019 12:36:55 PM



#90
Hexachloroethane
Concen: 14.623 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	40.4	121.2





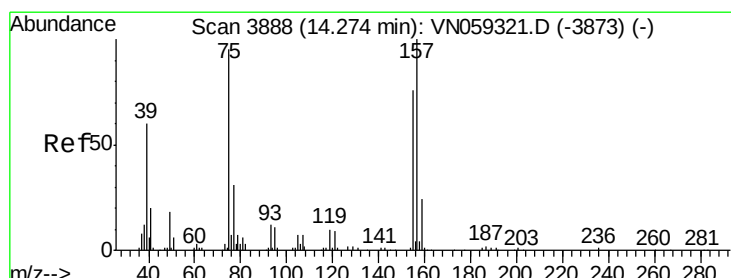
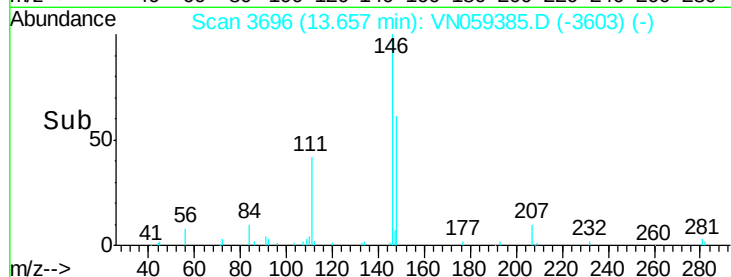
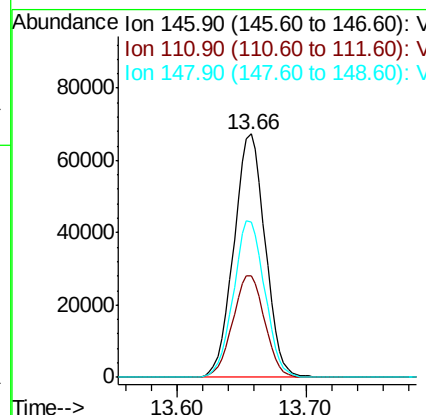
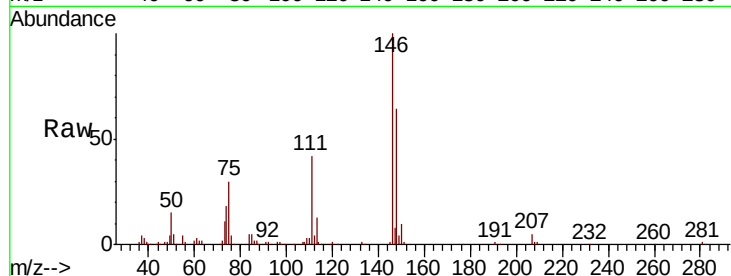
#91
 1,2-Dichlorobenzene
 Concen: 15.013 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	64.4	31.9	95.5

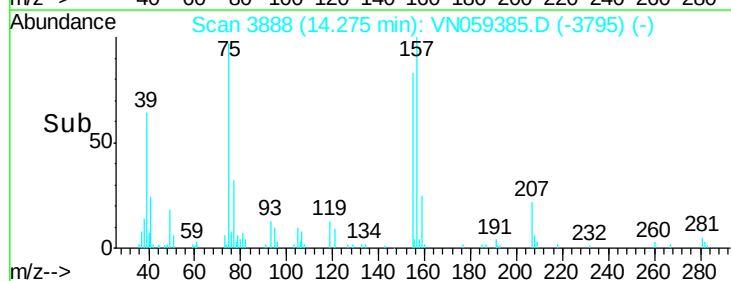
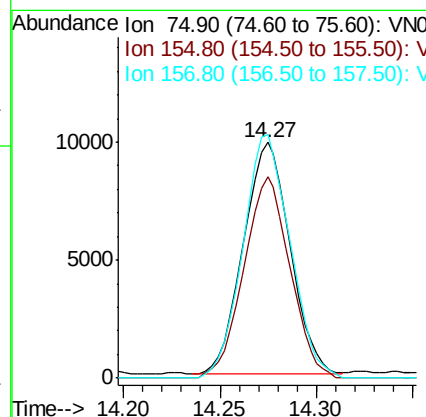
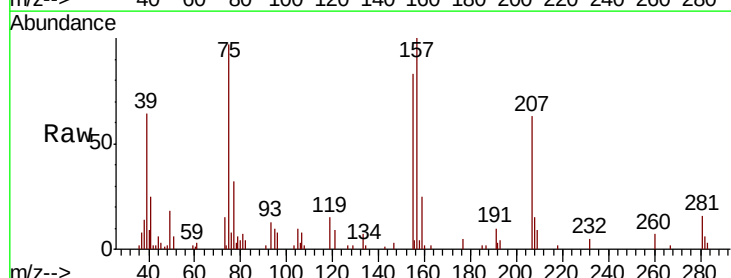
Manual Integrations
 APPROVED

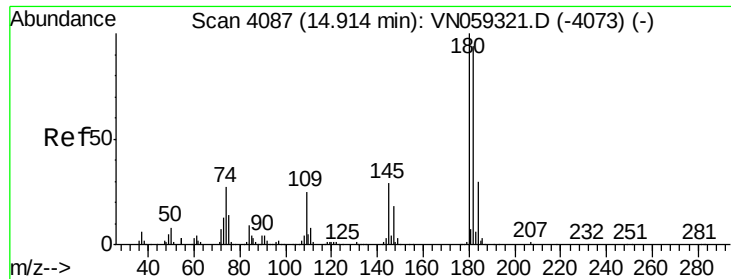
apatel
 11/26/2019 12:36:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.936 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	40.5	121.5
157	106.1	52.7	158.1





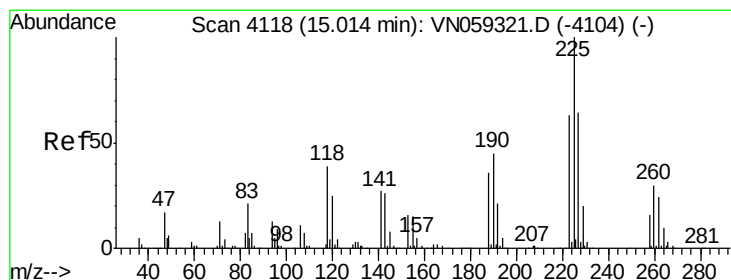
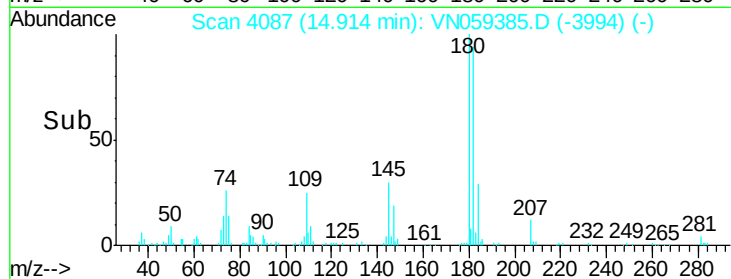
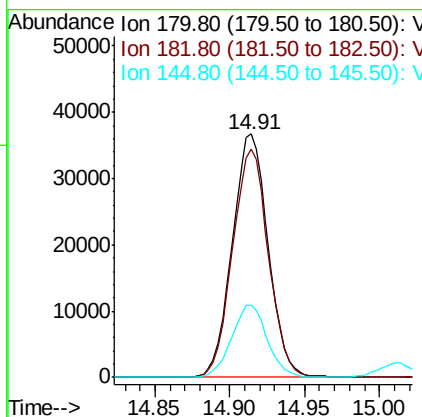
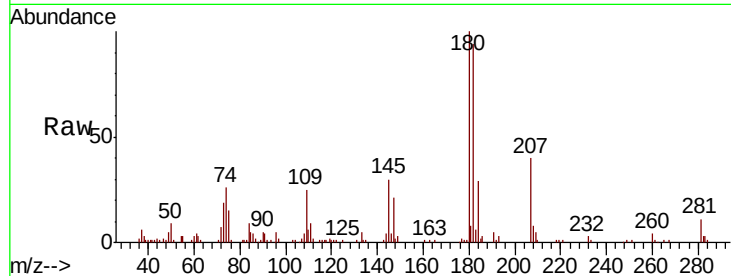
#93
 1,2,4-Trichlorobenzene
 Concen: 15.177 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.2	141.6
145	29.6	14.9	44.5

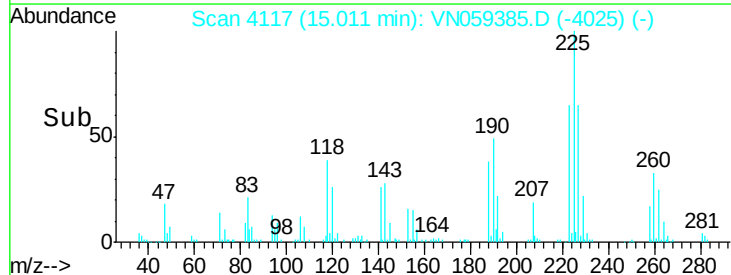
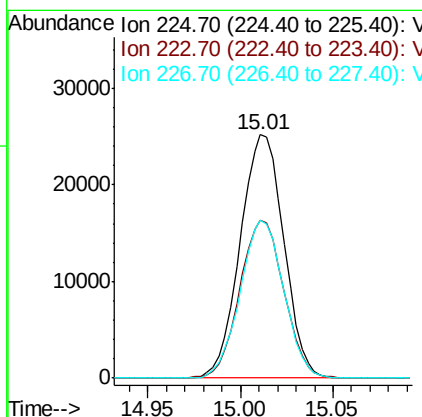
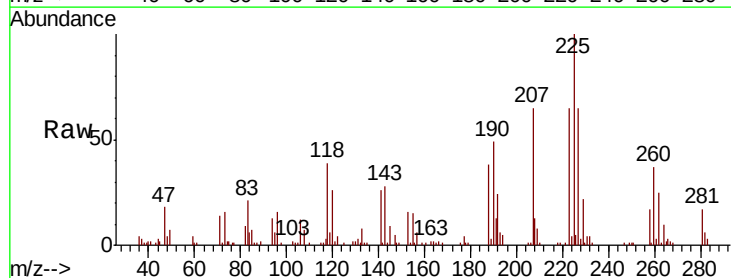
Manual Integrations
 APPROVED

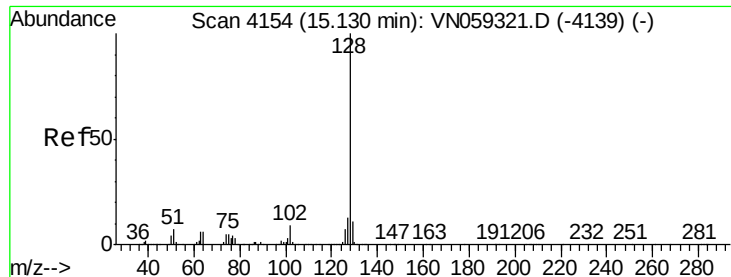
apatel
 11/26/2019 12:36:55 PM



#94
 Hexachlorobutadiene
 Concen: 15.071 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059385.D
 Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.6	94.8
227	64.7	32.6	97.7





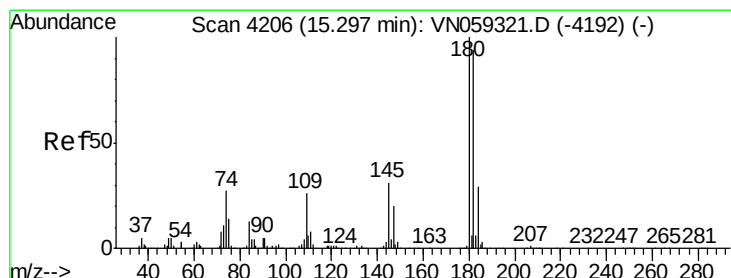
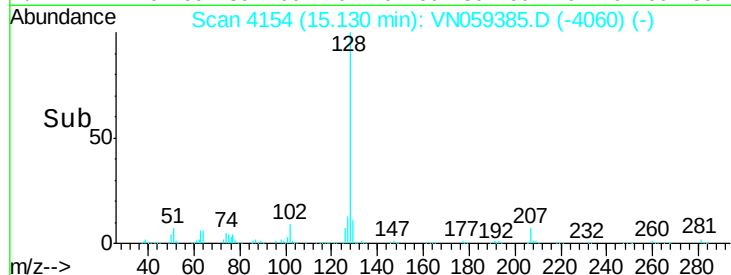
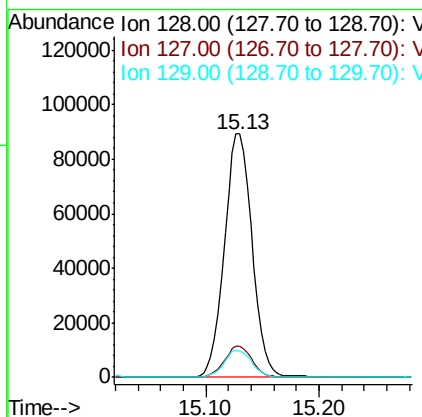
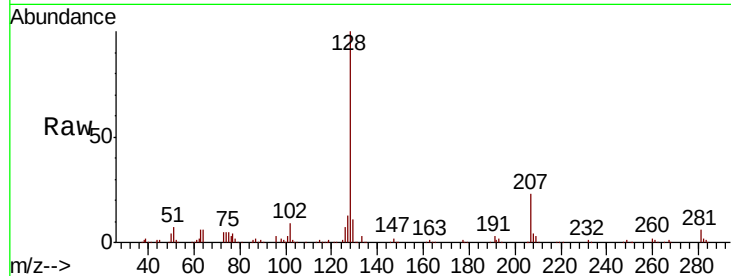
#95
Naphthalene
Concen: 14.111 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
11/26/2019 12:36:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 14.681 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059385.D
Acq: 25 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.1	141.4
145	31.9	15.6	46.8

