

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059533.D
 Acq On : 9 Dec 2019 17:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/10/2019 5:10:57 PM

Quant Time: Dec 09 17:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	298967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	517639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	378668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	3211	0.976	ug/l	98
3) Chloromethane	2.04	50	5408	1.204	ug/l	95
4) Vinyl Chloride	2.17	62	4876	1.611	ug/l	96
6) Chloroethane	2.68	64	3169	1.792	ug/l	89
7) Trichlorofluoromethane	3.00	101	5465	1.514	ug/l	91
8) Diethyl Ether	3.39	74	2178	1.064	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2744	0.885	ug/l	98
12) 1,1-Dichloroethene	3.72	96	2704	0.898	ug/l	94
14) Allyl chloride	4.29	41	5783	0.967	ug/l	96
15) Acrylonitrile	4.97	53	7712	4.192	ug/l	90
16) Acetone	3.80	43	11799	4.837	ug/l #	85
17) Carbon Disulfide	4.03	76	16100	1.556	ug/l	100
18) Methyl Acetate	4.30	43	5497m	1.124	ug/l	
19) Methyl tert-butyl Ether	5.00	73	8437m	0.815	ug/l	
20) Methylene Chloride	4.53	84	5371	1.401	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	3305	0.976	ug/l	87
22) Diisopropyl ether	5.93	45	9372	0.841	ug/l	95
23) Vinyl Acetate	5.87	43	36717	4.086	ug/l	99
24) 1,1-Dichloroethane	5.82	63	5842	0.924	ug/l #	85
25) 2-Butanone	6.82	43	11096	4.023	ug/l	96
26) 2,2-Dichloropropane	6.79	77	5622	1.018	ug/l #	67
27) cis-1,2-Dichloroethene	6.81	96	3439	0.912	ug/l	97
28) Bromochloromethane	7.17	49	1107	0.549	ug/l #	52
29) Tetrahydrofuran	7.19	42	8076	4.635	ug/l	99
30) Chloroform	7.35	83	5561	0.904	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	5106	0.952	ug/l #	37
36) 1,1-Dichloropropene	7.77	75	5480	1.039	ug/l	95
37) Ethyl Acetate	6.91	43	3469	0.588	ug/l #	83
38) Carbon Tetrachloride	7.75	117	4916	0.964	ug/l	92
39) Methylcyclohexane	9.07	83	5345	0.849	ug/l	92
40) Benzene	8.02	78	15702	1.021	ug/l	99
41) Methacrylonitrile	7.16	41	2096	0.862	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	5073	0.950	ug/l	87
43) Isopropyl Acetate	8.15	43	7936	0.900	ug/l #	71

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059533.D
 Acq On : 9 Dec 2019 17:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/10/2019 5:10:57 PM

Quant Time: Dec 09 17:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3918	0.977	ug/l	92
45) 1,2-Dichloropropane	9.11	63	3712	0.902	ug/l	95
46) Dibromomethane	9.20	93	2636	1.023	ug/l	94
47) Bromodichloromethane	9.39	83	4691	0.905	ug/l #	93
48) Methyl methacrylate	9.19	41	3086	0.777	ug/l	96
49) 1,4-Dioxane	9.19	88	816	13.946	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	17630	3.374	ug/l	99
52) Toluene	10.15	92	6557	0.707	ug/l	86
53) t-1,3-Dichloropropene	10.38	75	4708	0.774	ug/l	91
54) cis-1,3-Dichloropropene	9.83	75	5344	0.833	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	2923	0.798	ug/l #	84
56) Ethyl methacrylate	10.42	69	3160	0.595	ug/l #	82
57) 1,3-Dichloropropane	10.70	76	4722	0.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	7484	4.825	ug/l	94
59) 2-Hexanone	10.75	43	13523	3.439	ug/l	94
60) Dibromochloromethane	10.90	129	2882	0.732	ug/l	99
61) 1,2-Dibromoethane	11.00	107	2963	0.781	ug/l	92
64) Tetrachloroethene	10.63	164	2798	0.912	ug/l	99
65) Chlorobenzene	11.43	112	8004	0.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	2785	0.958	ug/l #	52
67) Ethyl Benzene	11.51	91	13159	0.930	ug/l	93
68) m/p-Xylenes	11.62	106	9360	1.762	ug/l	92
69) o-Xylene	11.95	106	4298	0.849	ug/l	88
70) Styrene	11.97	104	7310	0.902	ug/l	92
71) Bromoform	12.13	173	1930	0.840	ug/l #	98
73) Isopropylbenzene	12.25	105	11524	0.919	ug/l	99
74) N-amyl acetate	12.07	43	3971	0.775	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	4182	1.027	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	4358m	1.084	ug/l	
77) Bromobenzene	12.52	156	3182	1.002	ug/l	92
78) n-propylbenzene	12.59	91	13761	0.933	ug/l	99
79) 2-Chlorotoluene	12.67	91	8359	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	9139	0.861	ug/l	100
82) 4-Chlorotoluene	12.77	91	9024	0.978	ug/l	99
83) tert-Butylbenzene	12.99	119	7860	0.854	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	9225	0.887	ug/l	97
85) sec-Butylbenzene	13.17	105	11032	0.901	ug/l	98
86) p-Isopropyltoluene	13.29	119	9421	0.856	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	6123	1.083	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	6302m	1.104	ug/l	
89) n-Butylbenzene	13.62	91	9997	1.011	ug/l	97
90) Hexachloroethane	13.88	117	1778	0.839	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	5769	1.066	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1496	1.522	ug/l #	59
93) 1,2,4-Trichlorobenzene	14.91	180	4644	1.364	ug/l	93
94) Hexachlorobutadiene	15.01	225	2076	0.980	ug/l	89
95) Naphthalene	15.13	128	14037	1.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	5486	1.507	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
Data File : VN059533.D
Acq On : 9 Dec 2019 17:19
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

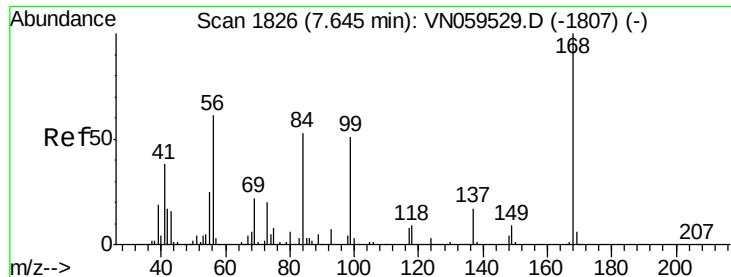
Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM

Quant Time: Dec 09 17:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 09 16:19:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 298967

Ion Ratio Lower Upper

168 100

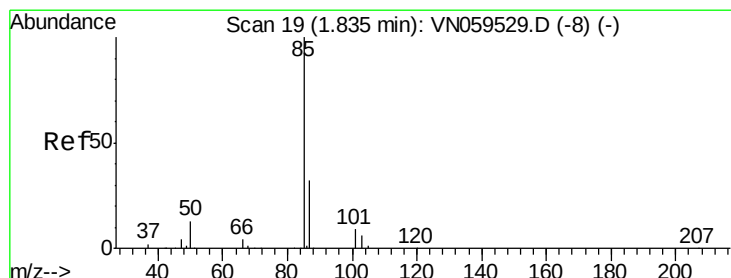
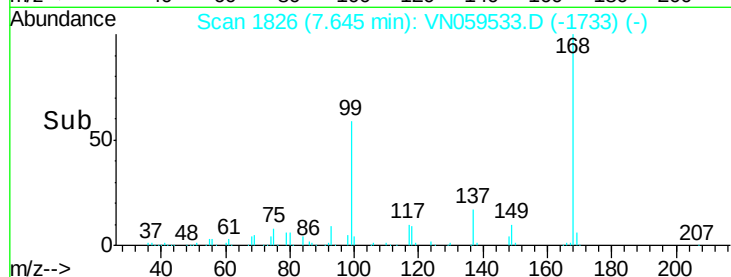
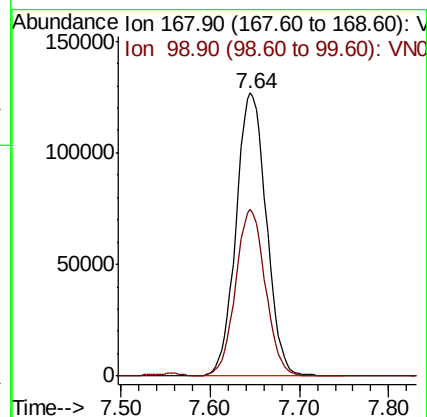
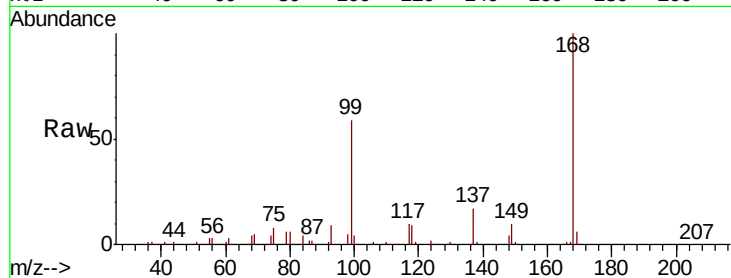
99 58.9 46.6 70.0

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#2

Dichlorodifluoromethane

Concen: 0.976 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059533.D

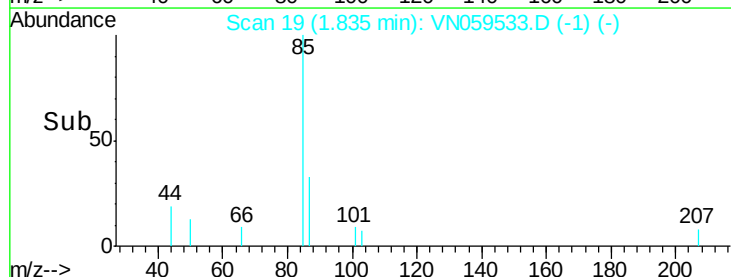
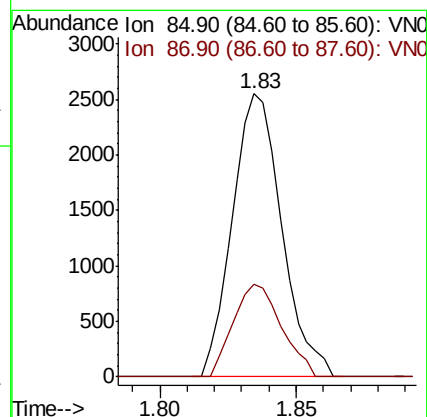
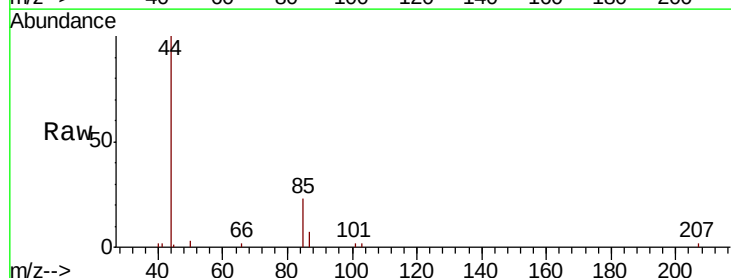
Acq: 9 Dec 2019 17:19

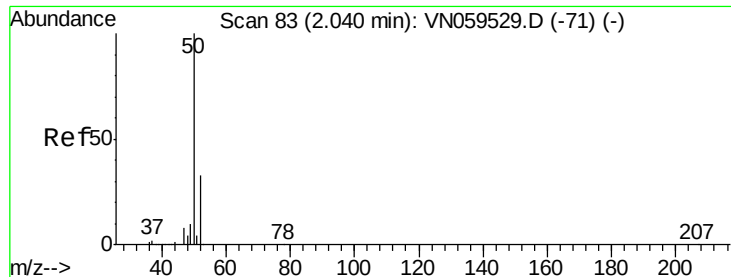
Tgt Ion: 85 Resp: 3211

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0





#3

Chloromethane

Concen: 1.204 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5408

Ion Ratio Lower Upper

50 100

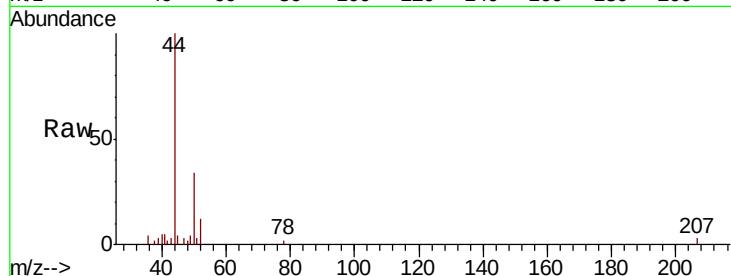
52 35.5 26.2 39.4

Manual Integrations

APPROVED

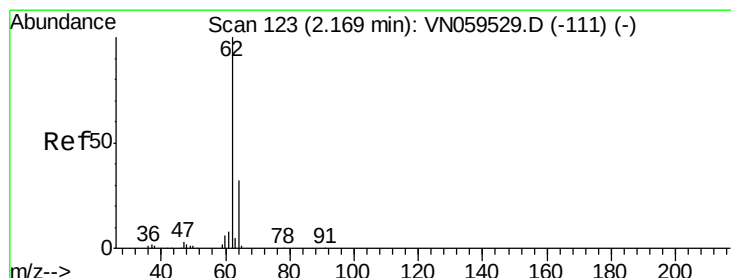
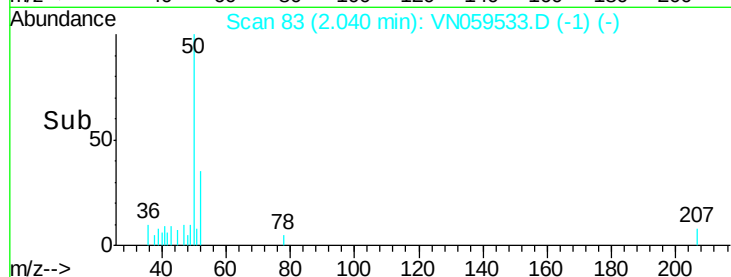
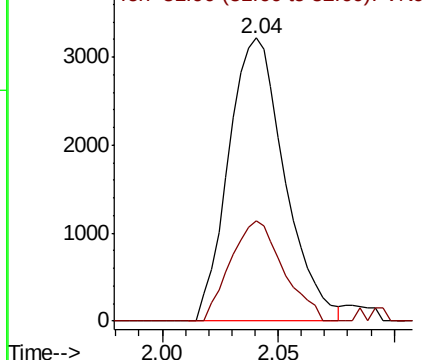
apatel

12/10/2019 5:10:57 PM



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.611 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059533.D

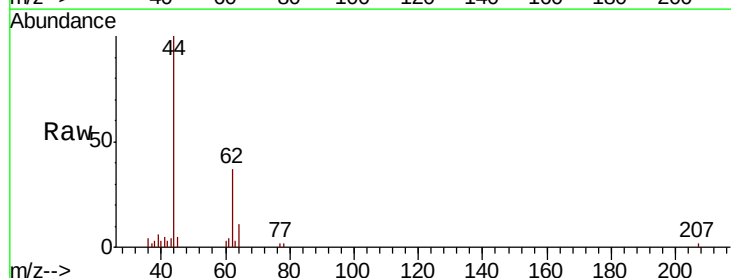
Acq: 9 Dec 2019 17:19

Tgt Ion: 62 Resp: 4876

Ion Ratio Lower Upper

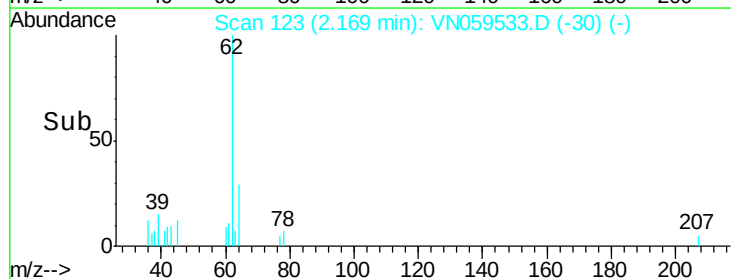
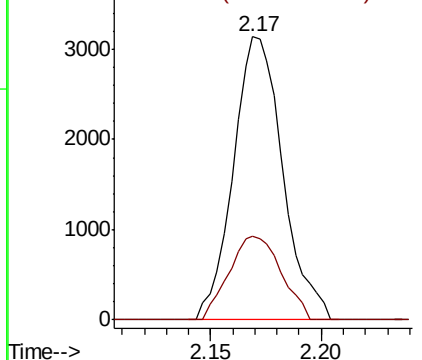
62 100

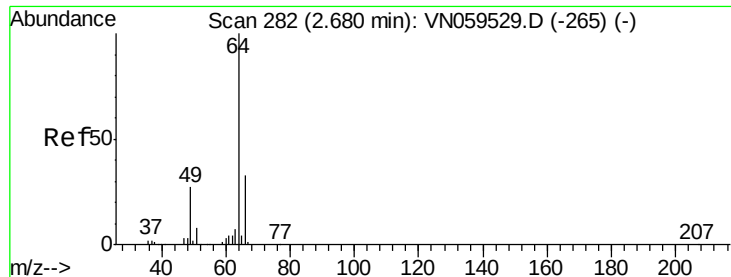
64 29.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.792 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3169

Ion Ratio Lower Upper

64 100

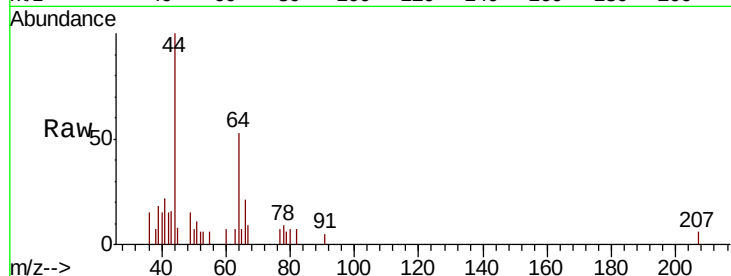
66 39.8 26.7 40.1

Manual Integrations

APPROVED

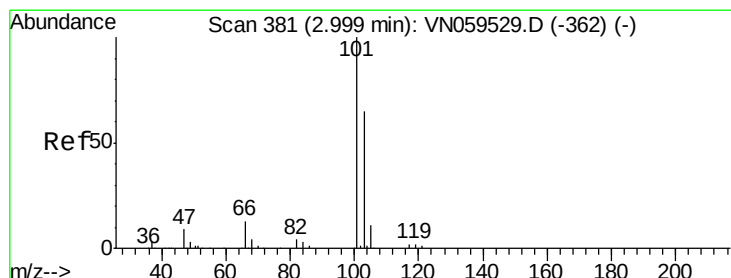
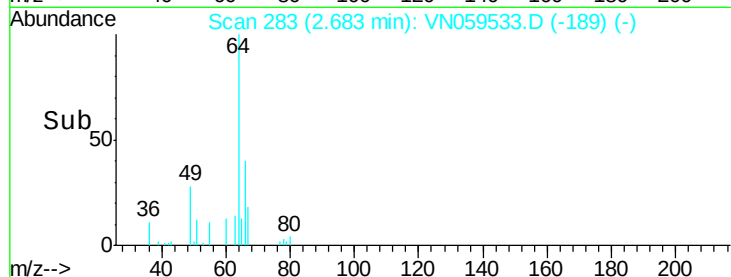
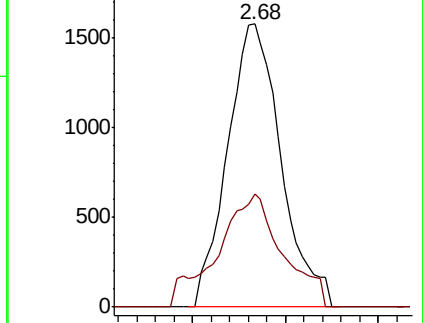
apatel

12/10/2019 5:10:57 PM



Abundance Ion 63.90 (63.60 to 64.60): VN059529.D (-265) (-)

Ion 65.90 (65.60 to 66.60): VN059529.D (-265) (-)



#7

Trichlorofluoromethane

Concen: 1.514 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN059533.D

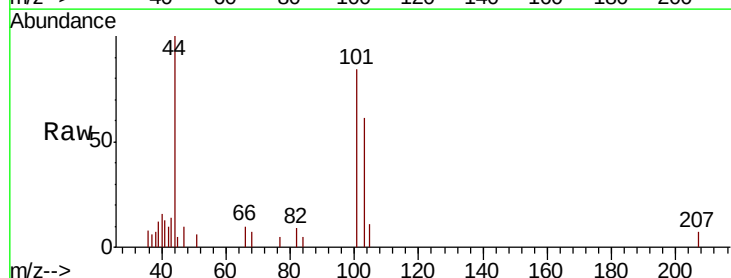
Acq: 9 Dec 2019 17:19

Tgt Ion: 101 Resp: 5465

Ion Ratio Lower Upper

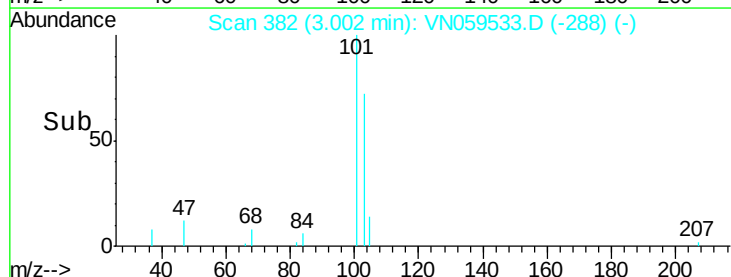
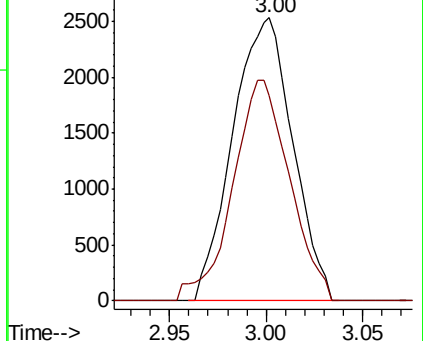
101 100

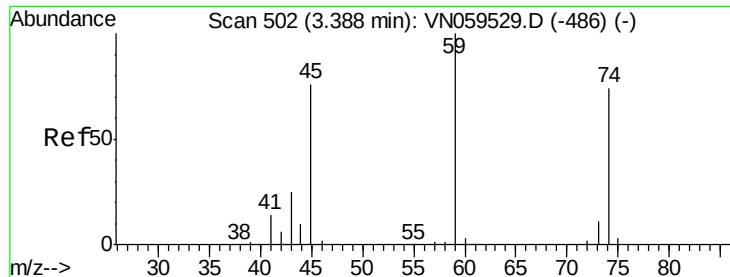
103 72.3 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): VN059529.D (-362) (-)

Ion 102.80 (102.50 to 103.50): VN059529.D (-362) (-)





#8

Diethyl Ether

Concen: 1.064 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2178

Ion Ratio Lower Upper

74 100

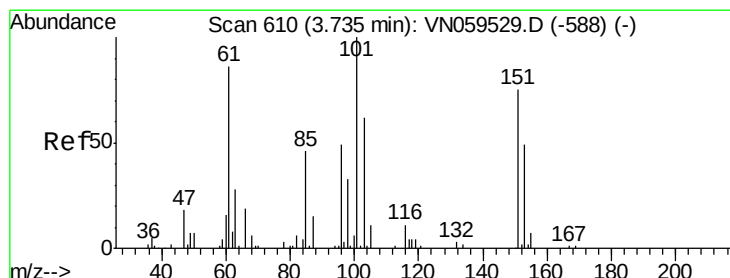
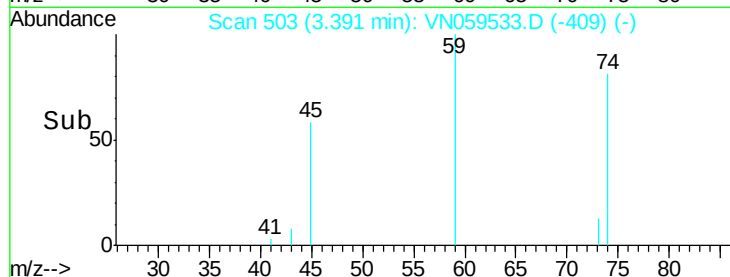
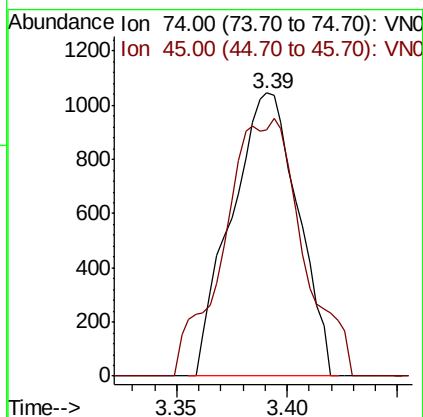
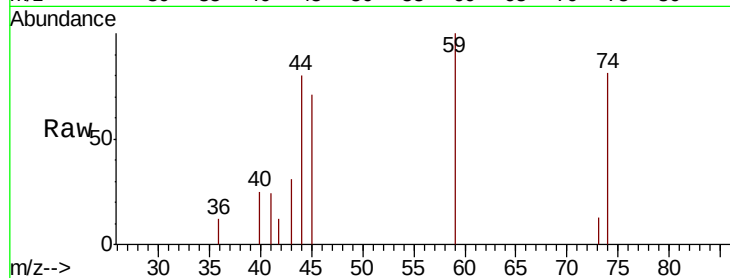
45 107.6 52.6 157.9

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.885 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

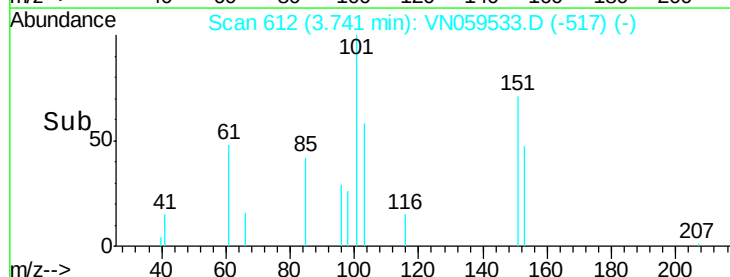
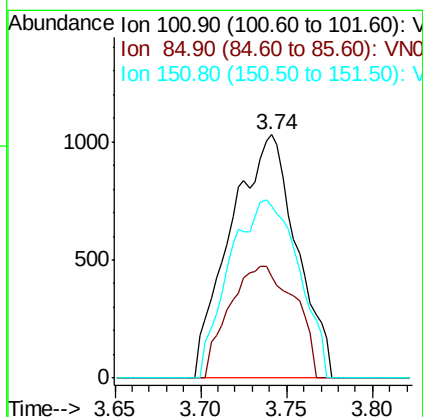
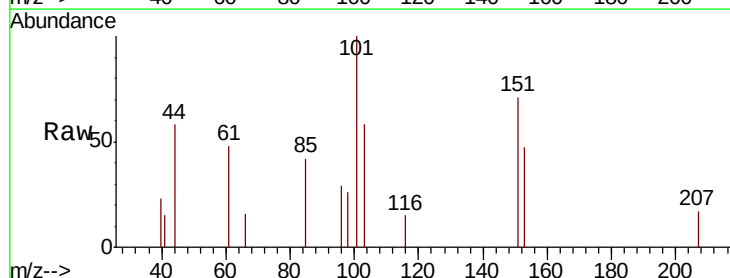
Tgt Ion: 101 Resp: 2744

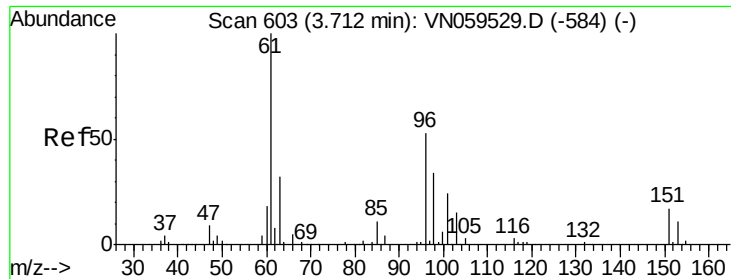
Ion Ratio Lower Upper

101 100

85 45.6 36.6 54.8

151 76.5 59.3 88.9





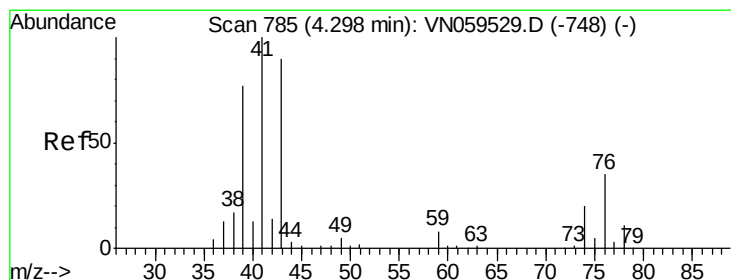
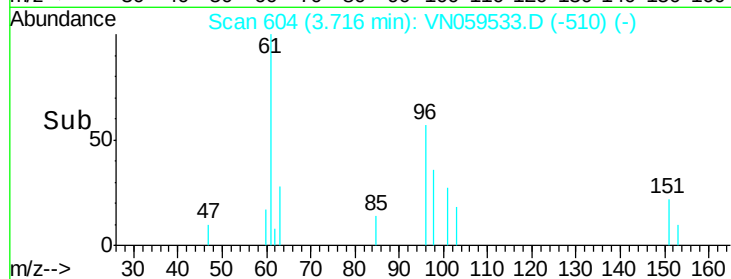
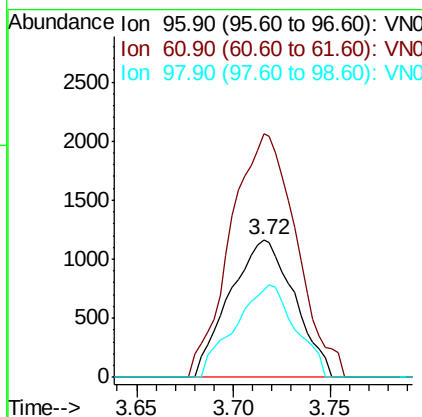
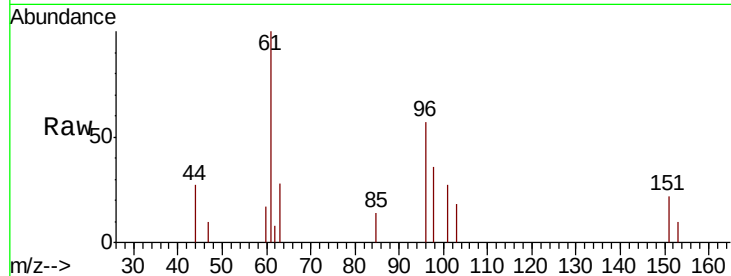
#12
 1,1-Dichloroethene
 Concen: 0.898 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.5	149.8	224.6
98	63.8	50.6	75.8

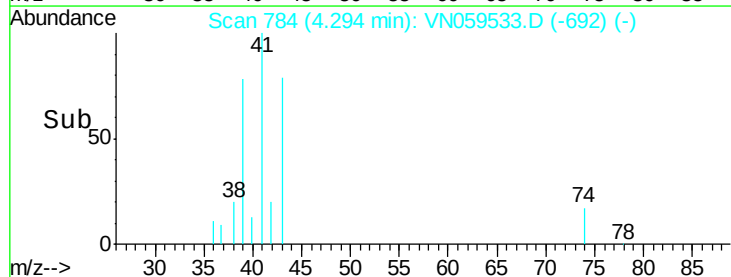
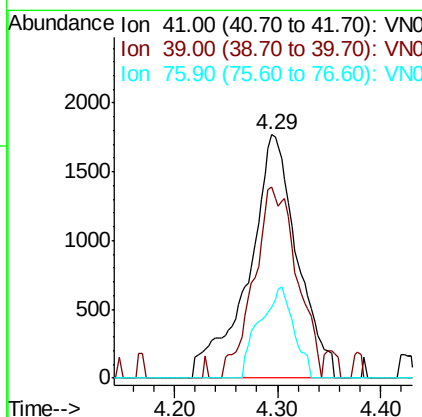
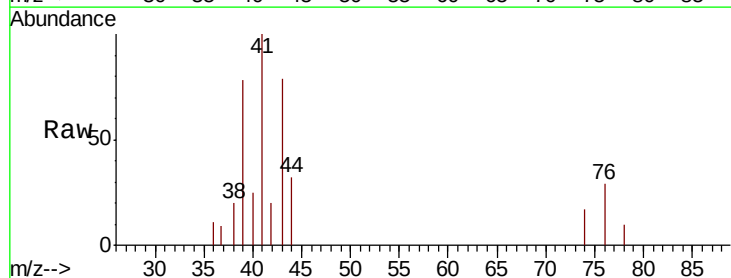
Manual Integrations
 APPROVED

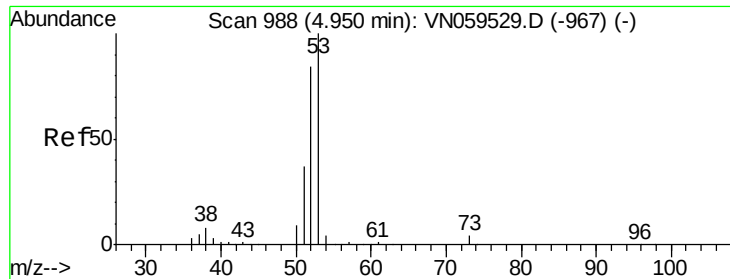
apatel
 12/10/2019 5:10:57 PM



#14
 Allyl chloride
 Concen: 0.967 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	56.7	85.1
76	26.3	25.5	38.3





#15

Acrylonitrile

Concen: 4.192 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.02 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

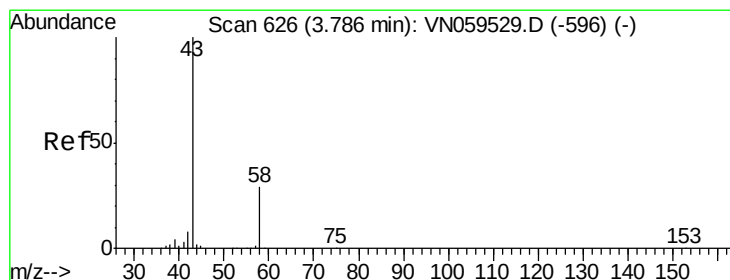
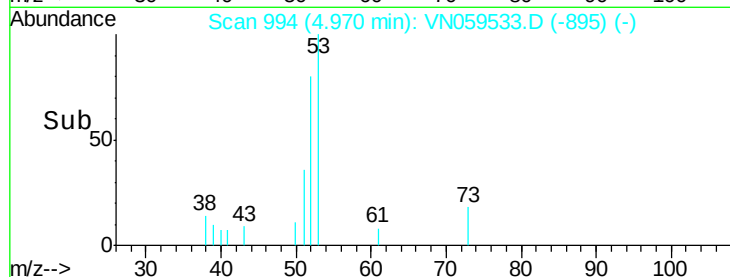
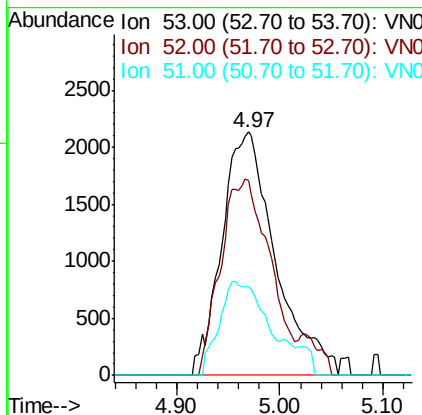
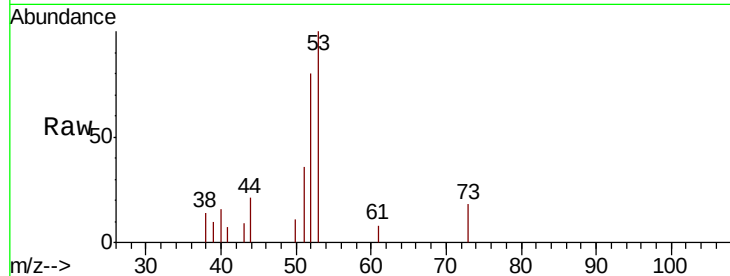
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	7712
Ion	Ratio	Lower	Upper
53	100		
52	73.9	66.6	99.8
51	31.9	29.8	44.8

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#16

Acetone

Concen: 4.837 ug/l

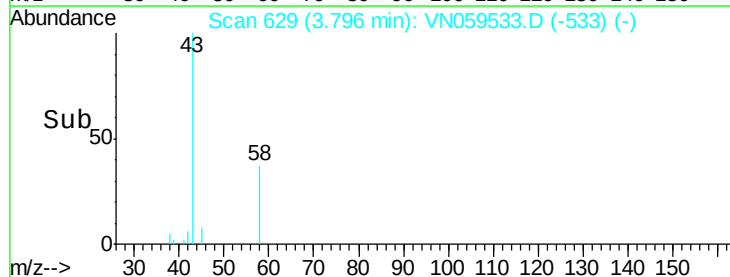
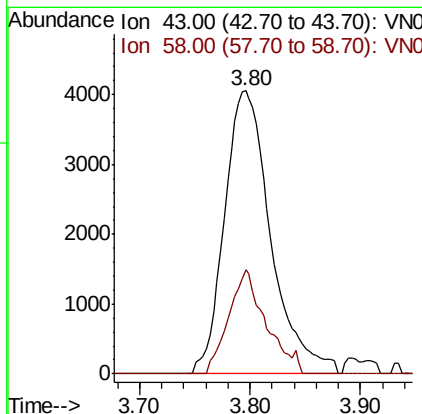
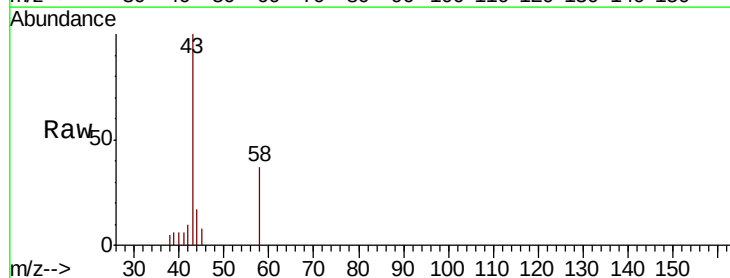
RT: 3.80 min Scan# 629

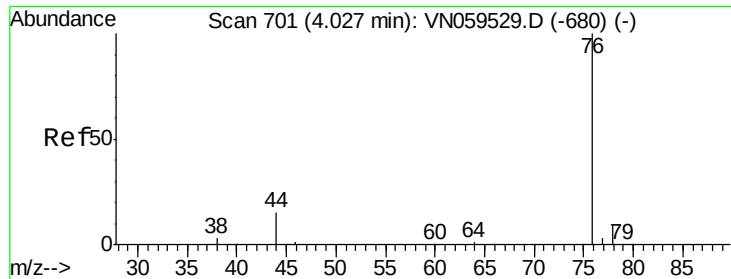
Delta R.T. 0.01 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion:	43	Resp:	11799
Ion	Ratio	Lower	Upper
43	100		
58	36.6	23.0	34.4#





#17

Carbon Disulfide

Concen: 1.556 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 16100

Ion Ratio Lower Upper

76 100

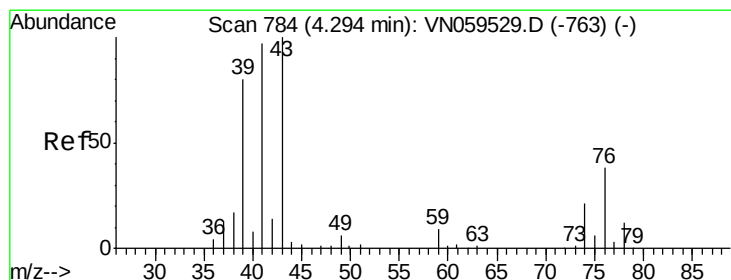
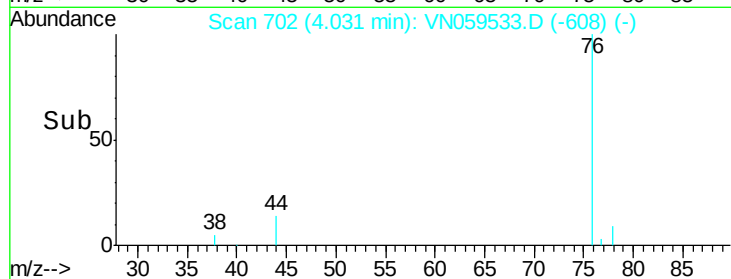
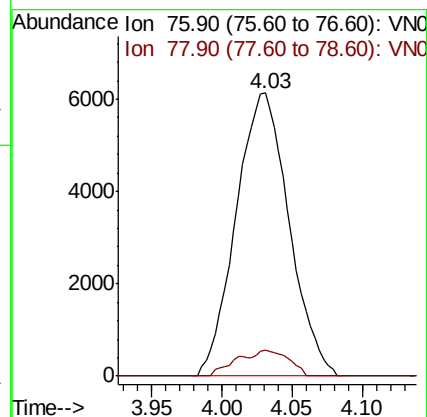
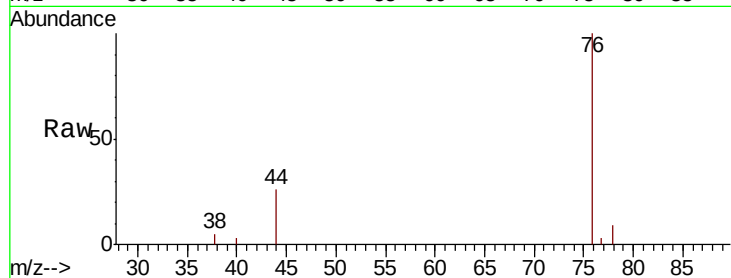
78 9.4 7.4 11.2

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#18

Methyl Acetate

Concen: 1.124 ug/l m

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059533.D

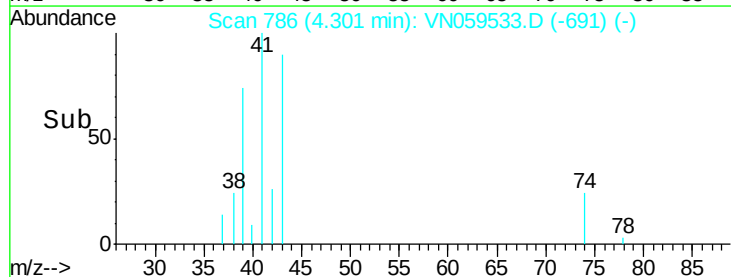
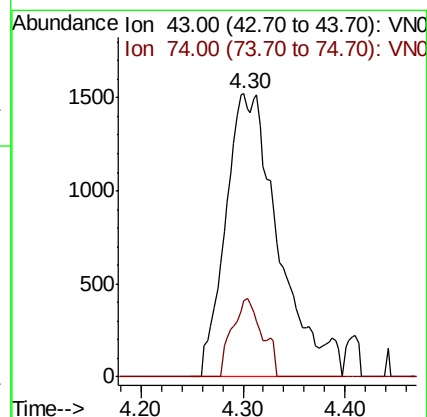
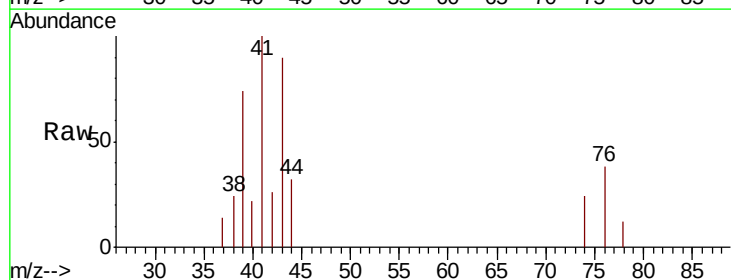
Acq: 9 Dec 2019 17:19

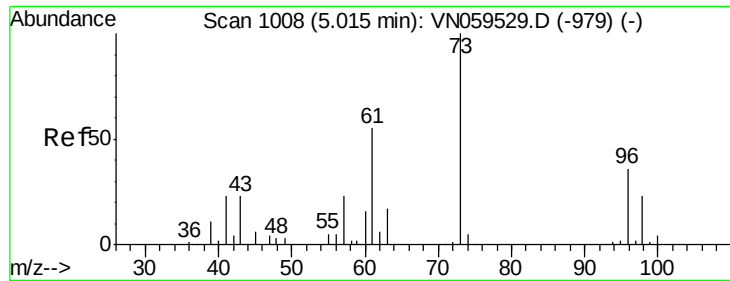
Tgt Ion: 43 Resp: 5497

Ion Ratio Lower Upper

43 100

74 15.7 17.5 26.3#





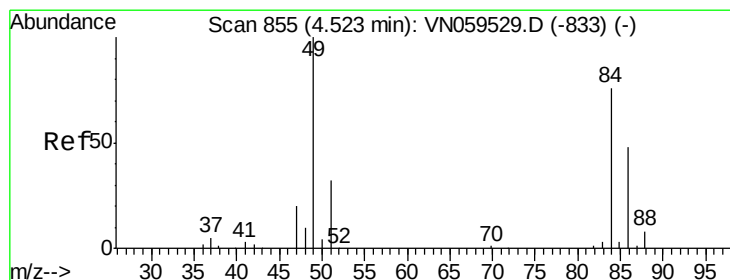
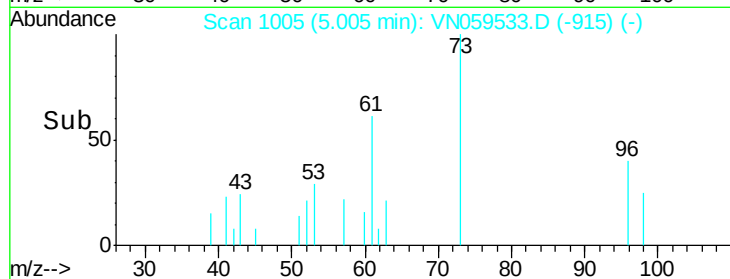
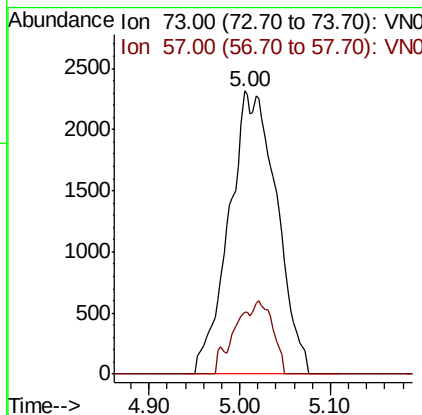
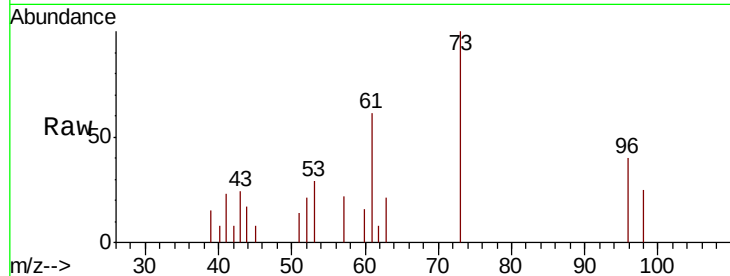
#19
Methyl tert-butyl Ether
Concen: 0.815 ug/l m
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 8437
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5

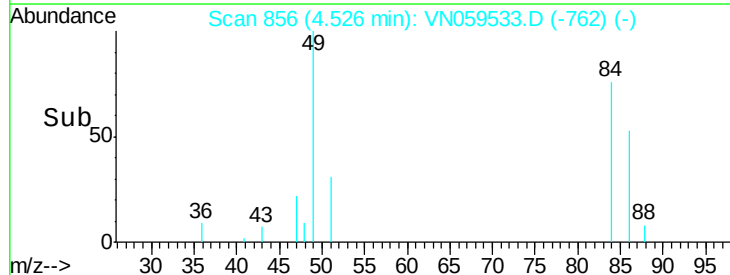
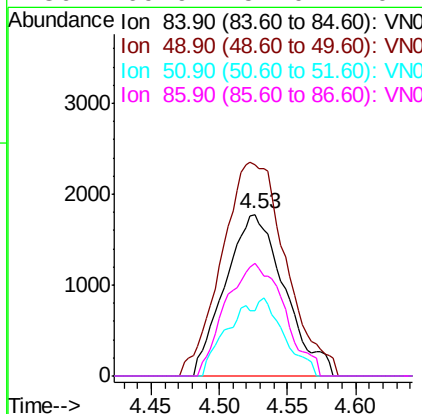
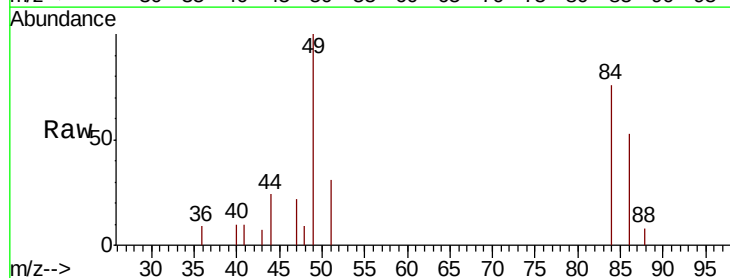
Manual Integrations
APPROVED

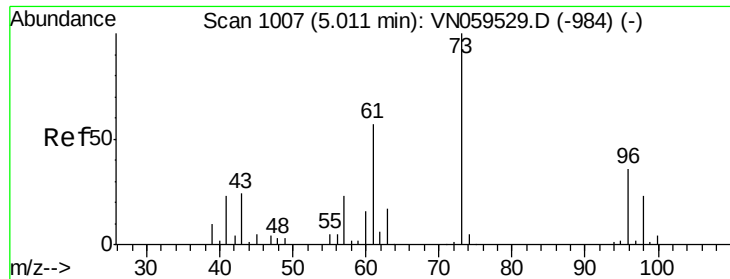
apatel
12/10/2019 5:10:57 PM



#20
Methylene Chloride
Concen: 1.401 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion: 84 Resp: 5371
Ion Ratio Lower Upper
84 100
49 131.1 105.8 158.8
51 40.7 33.7 50.5
86 69.9 51.0 76.4





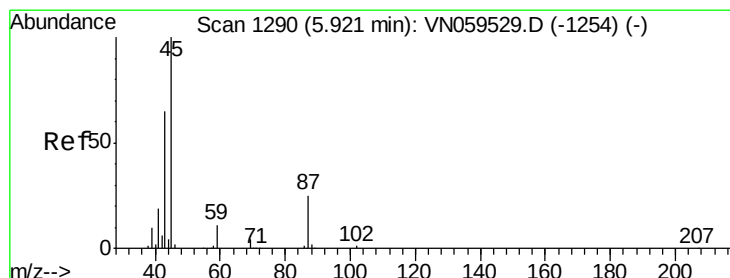
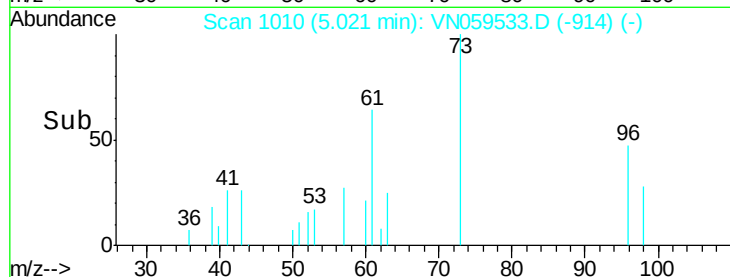
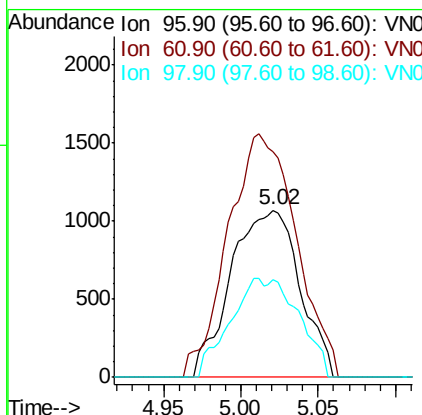
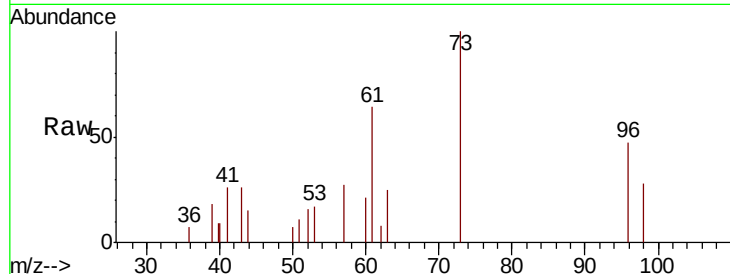
#21
trans-1,2-Dichloroethene
Concen: 0.976 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.1	124.8	187.2
98	58.6	51.0	76.4

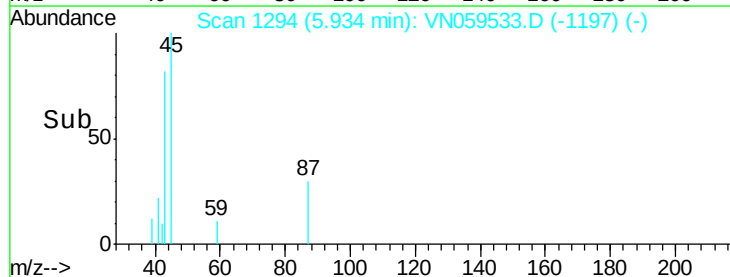
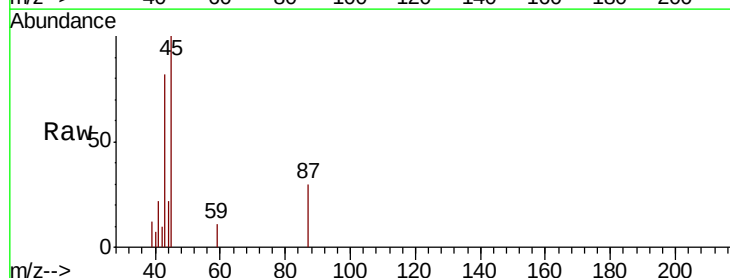
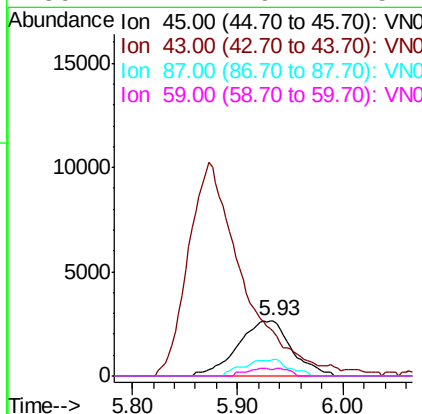
Manual Integrations
APPROVED

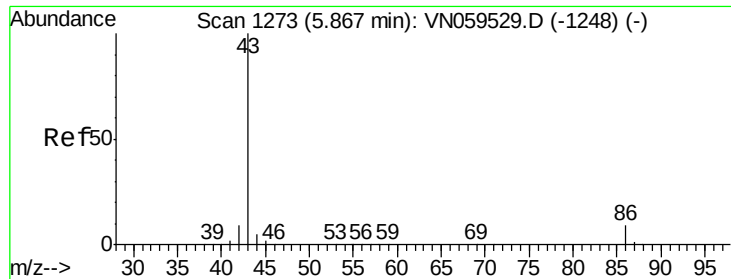
apatel
12/10/2019 5:10:57 PM



#22
Diisopropyl ether
Concen: 0.841 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.0	52.8	79.2
87	30.2	20.2	30.4
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 4.086 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 36717

Ion Ratio Lower Upper

43 100

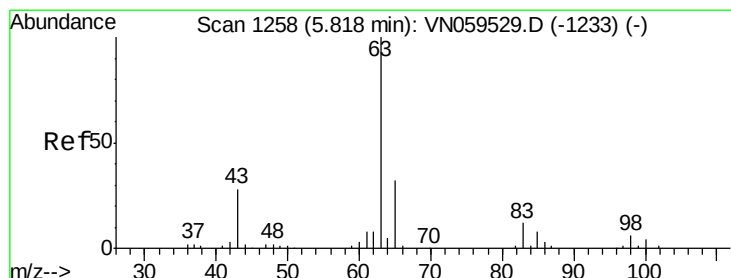
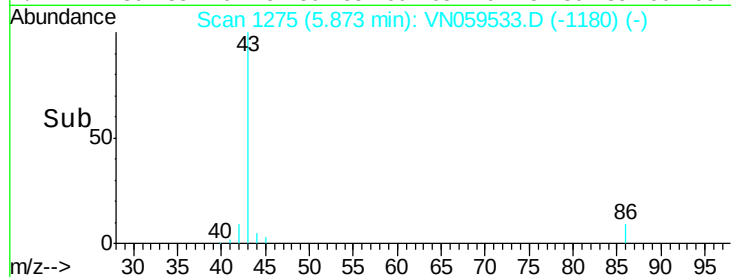
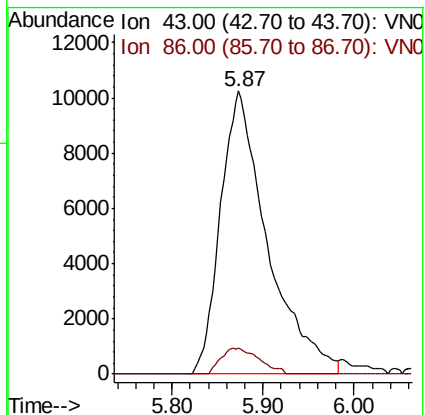
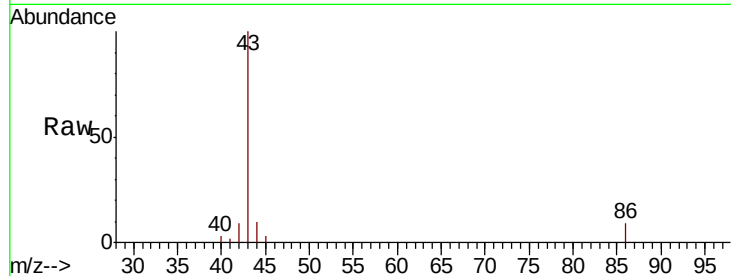
86 9.0 7.4 11.2

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#24

1,1-Dichloroethane

Concen: 0.924 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

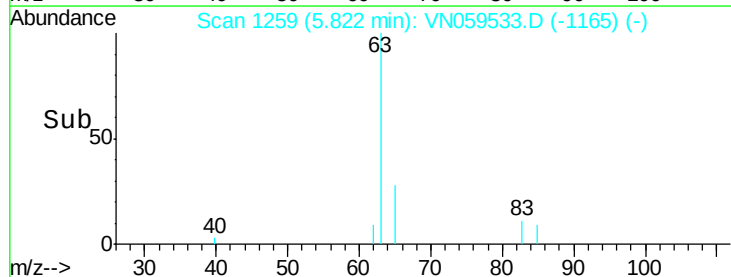
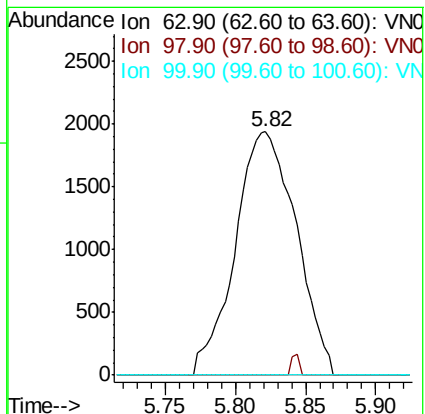
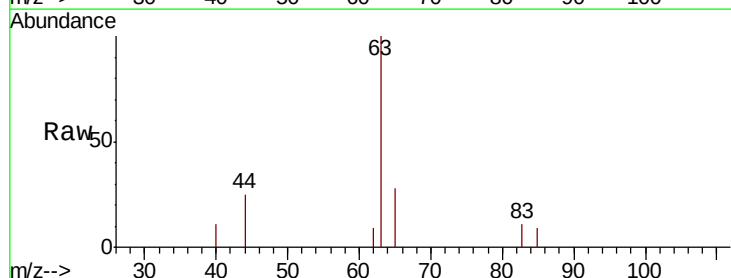
Tgt Ion: 63 Resp: 5842

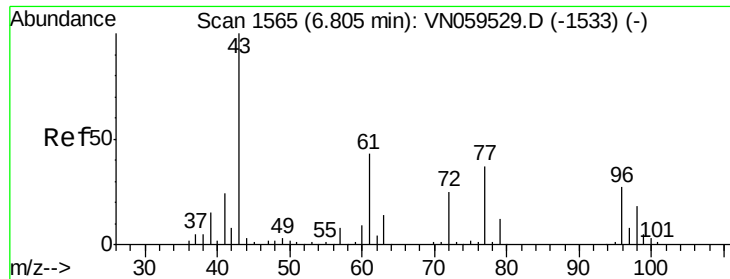
Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.0#

100 0.0 1.8 5.3#





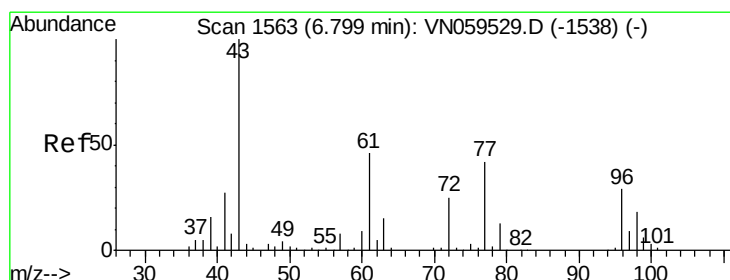
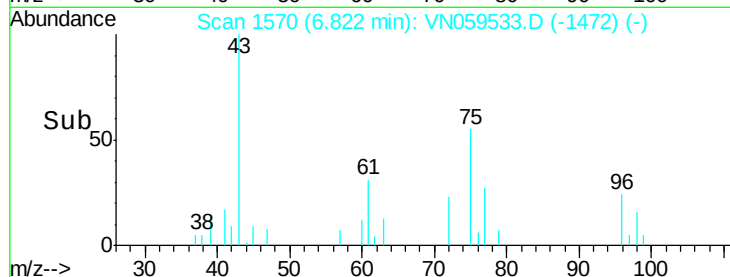
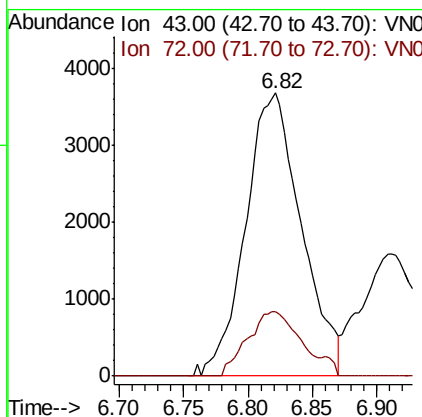
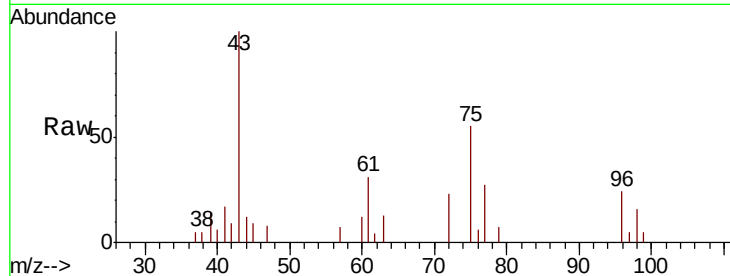
#25
2-Butanone
Concen: 4.023 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 11096
Ion Ratio Lower Upper
43 100
72 22.7 19.9 29.9

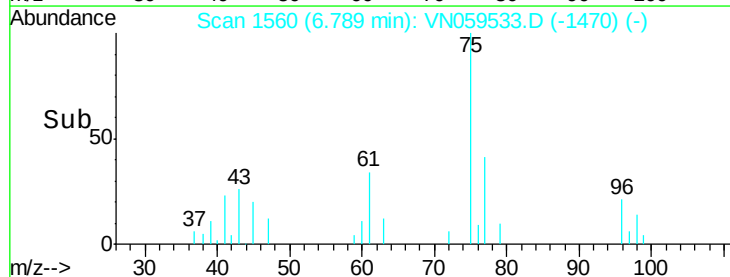
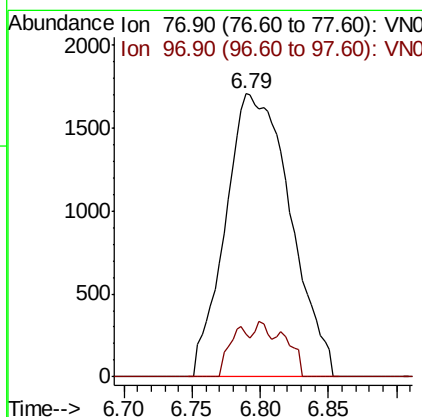
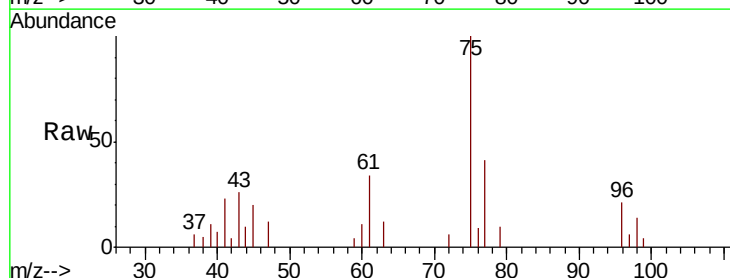
Manual Integrations
APPROVED

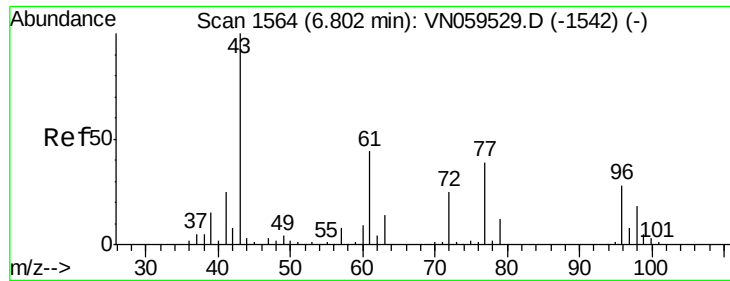
apatel
12/10/2019 5:10:57 PM



#26
2,2-Dichloropropane
Concen: 1.018 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion: 77 Resp: 5622
Ion Ratio Lower Upper
77 100
97 5.6 10.5 31.6#





#27

cis-1,2-Dichloroethene

Concen: 0.912 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

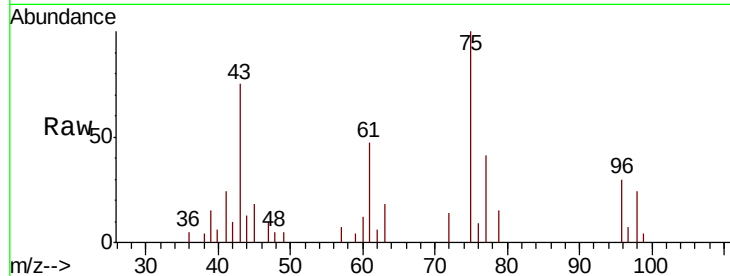
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3439
Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	320.0
98	64.5	0.0	128.6

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM

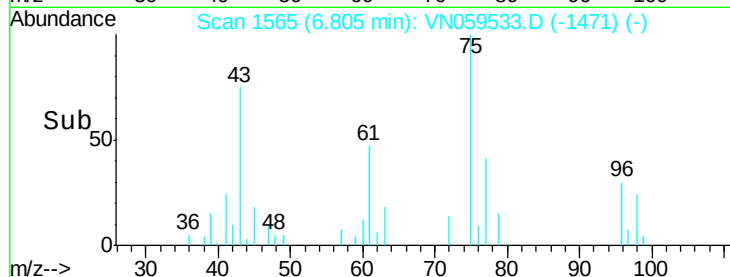


Abundance Ion 95.90 (95.60 to 96.60): VN059529.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059529.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059529.D (-1542) (-)

Time-->

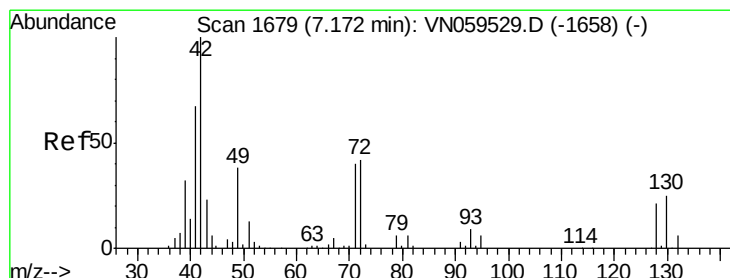


Abundance Ion 95.90 (95.60 to 96.60): VN059533.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059533.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059533.D (-1471) (-)

Time-->



#28

Bromochloromethane

Concen: 0.549 ug/l

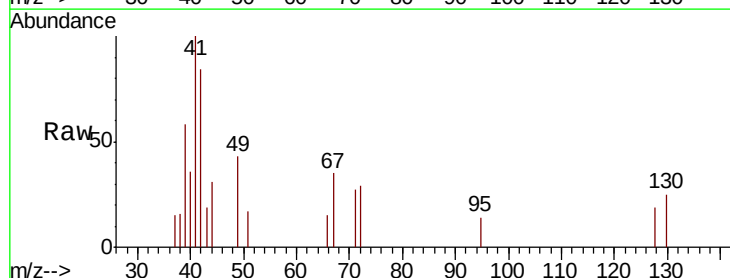
RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion:	49	Resp:	1107
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	28.6	54.2	81.2#

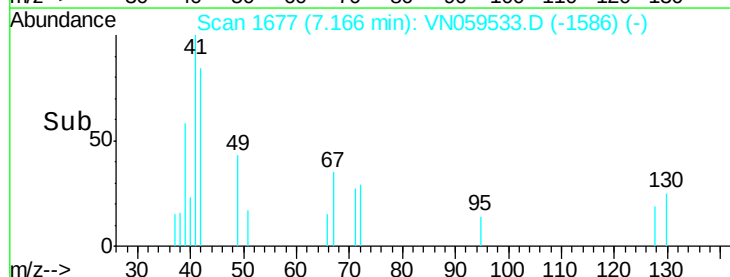


Abundance Ion 48.90 (48.60 to 49.60): VN059529.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN059529.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN059529.D (-1658) (-)

Time-->

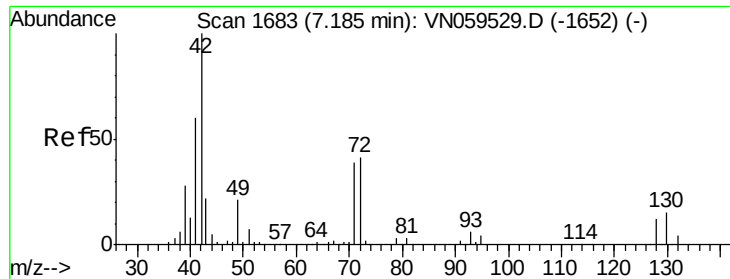


Abundance Ion 48.90 (48.60 to 49.60): VN059533.D (-1586) (-)

Ion 128.80 (128.50 to 129.50): VN059533.D (-1586) (-)

Ion 129.80 (129.50 to 130.50): VN059533.D (-1586) (-)

Time-->



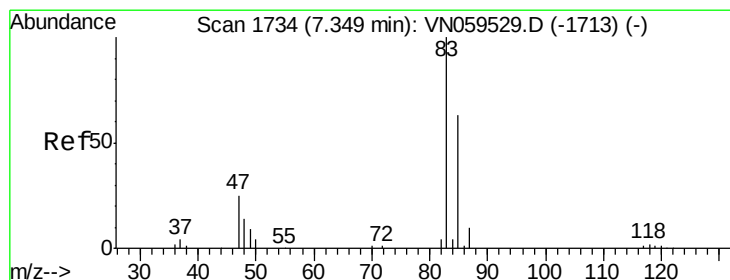
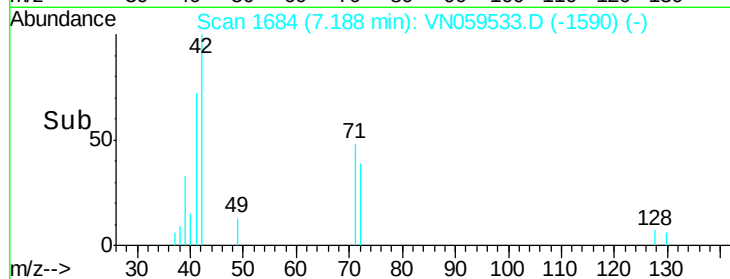
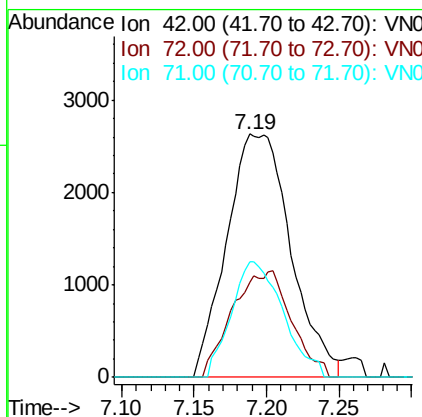
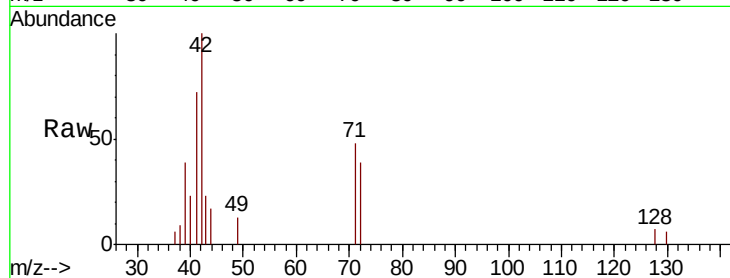
#29
Tetrahydrofuran
Concen: 4.635 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.7	49.1
71	38.4	31.4	47.2

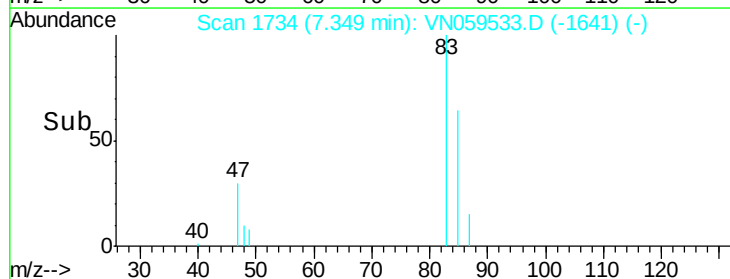
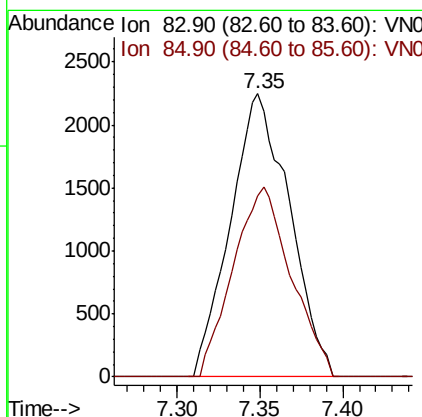
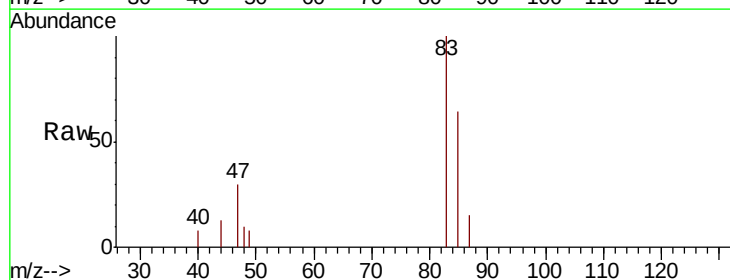
Manual Integrations
APPROVED

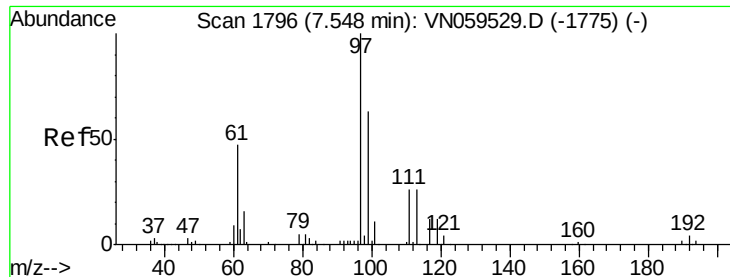
apatel
12/10/2019 5:10:57 PM



#30
Chloroform
Concen: 0.904 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	75.8





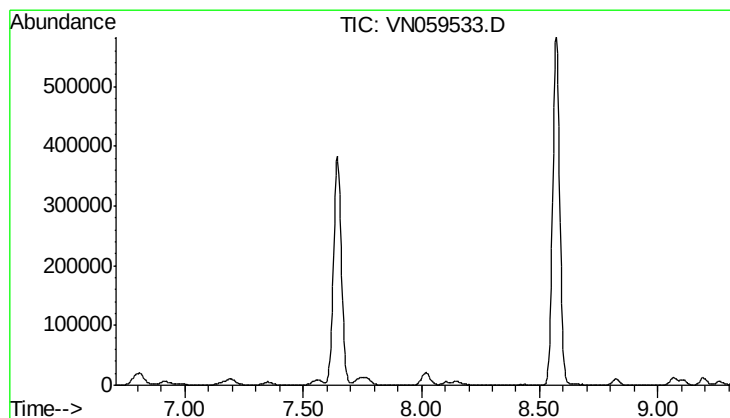
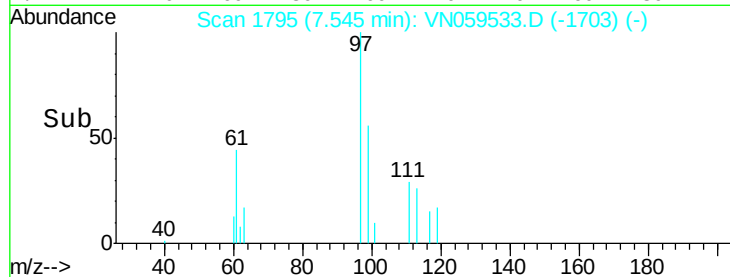
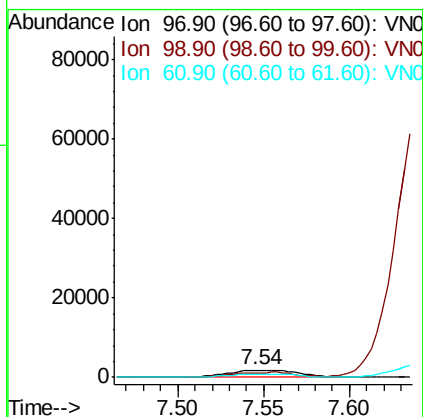
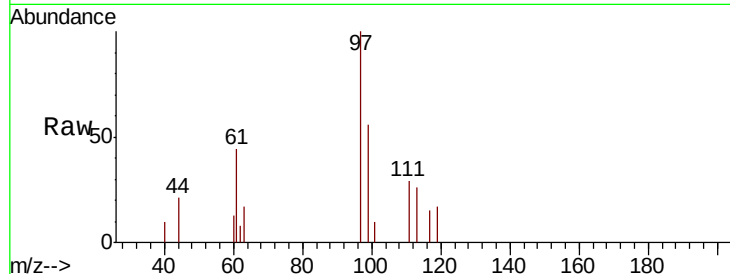
#32
 1,1,1-Trichloroethane
 Concen: 0.952 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.2#
61	22.1	38.5	57.7#

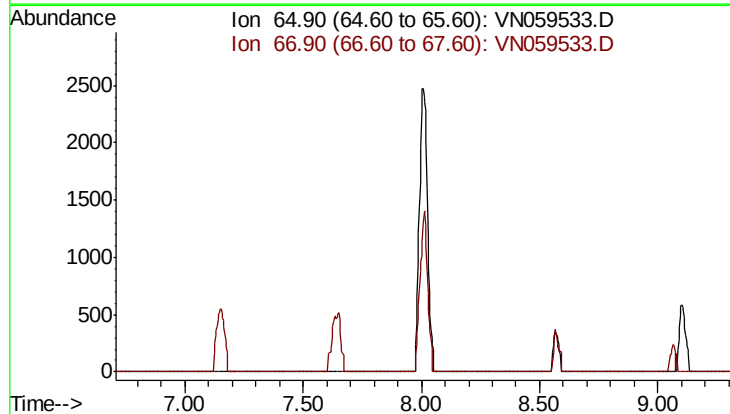
Manual Integrations
 APPROVED

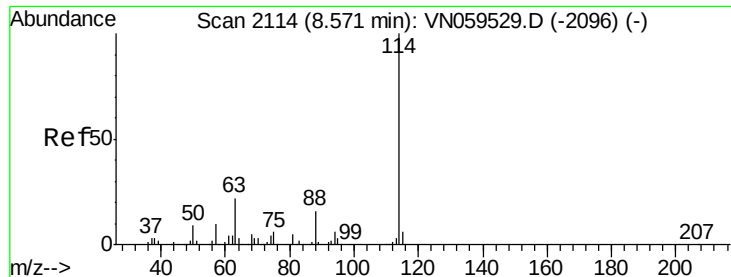
apatel
 12/10/2019 5:10:57 PM



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.01 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Exp Ratio
65	100
67	51.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

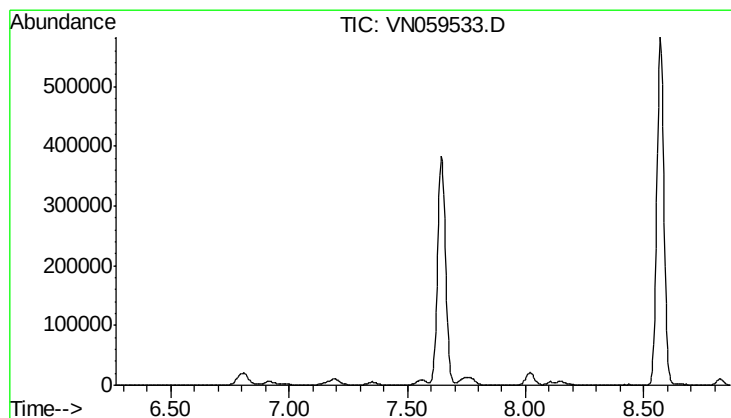
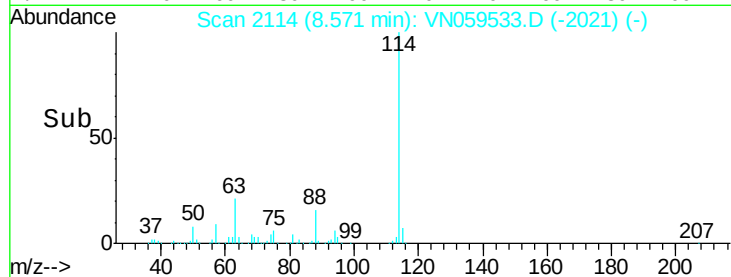
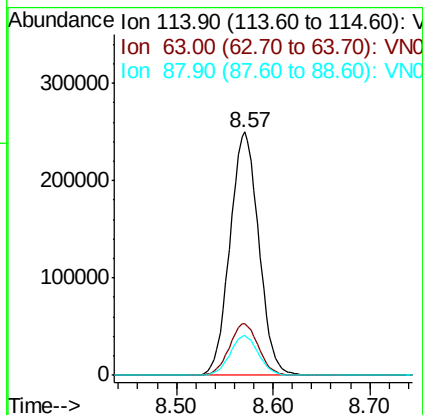
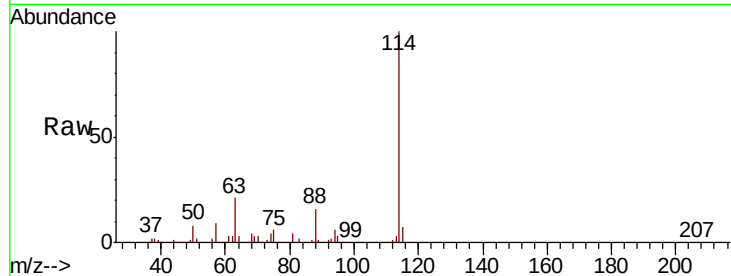
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		517639		
63	21.4	0.0	45.0		
88	16.3	0.0	32.2		

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#35

Dibromofluoromethane

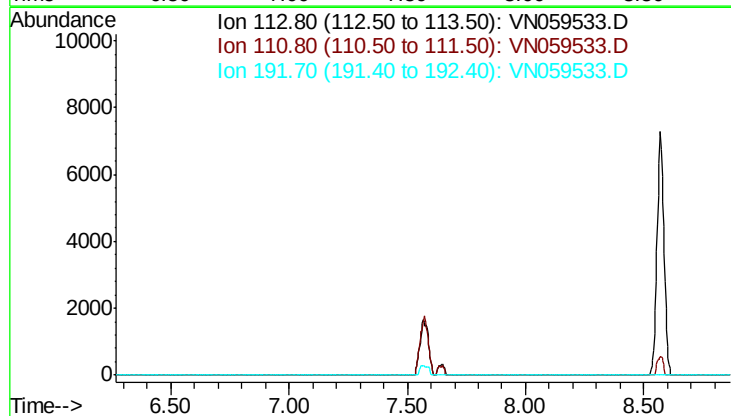
Concen: 0.000 ug/l

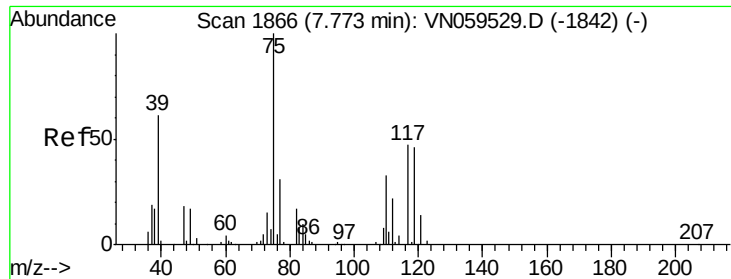
Expected RT: 7.57 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion	Exp Ratio
113	100
111	102.8
192	18.5





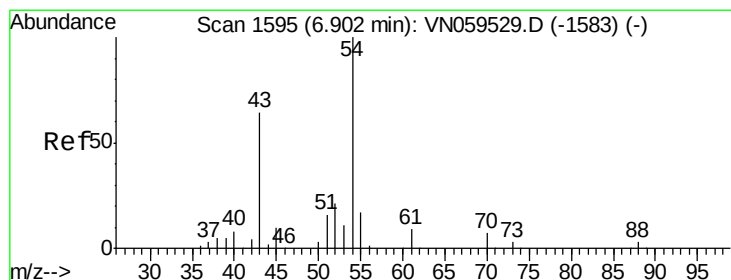
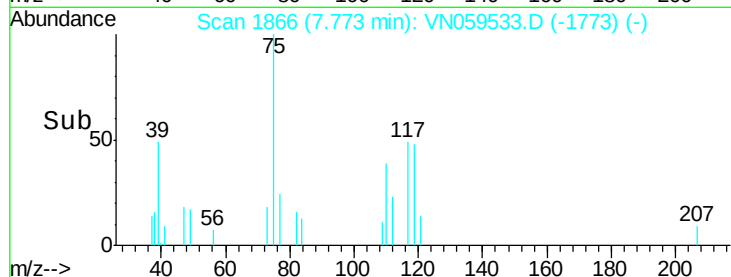
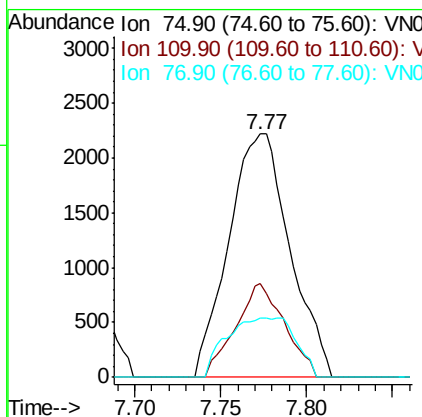
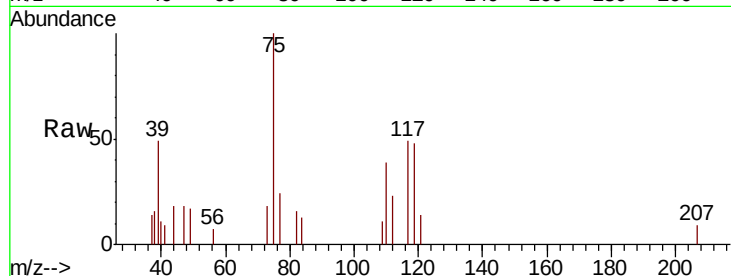
#36
 1,1-Dichloropropene
 Concen: 1.039 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.7	50.0
77	27.3	24.6	37.0

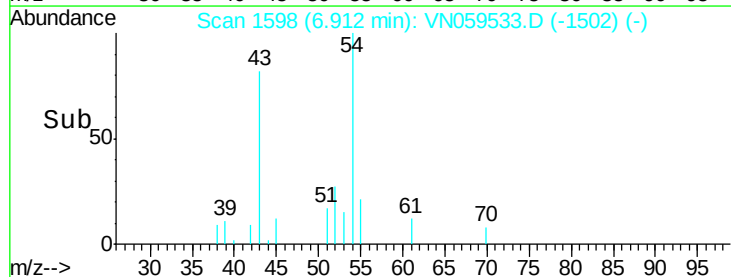
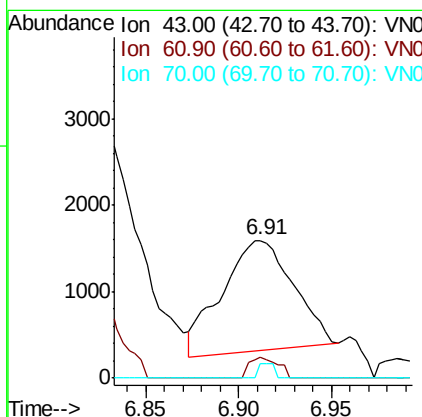
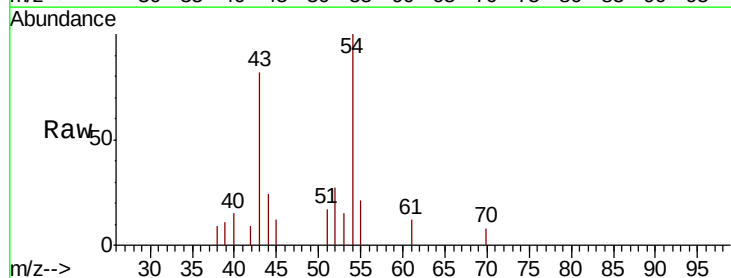
Manual Integrations
 APPROVED

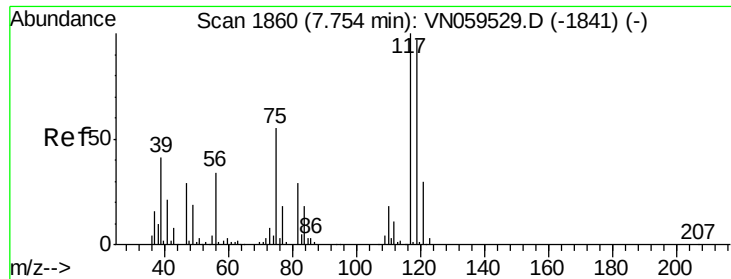
apatel
 12/10/2019 5:10:57 PM



#37
 Ethyl Acetate
 Concen: 0.588 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.4	11.0	16.6#
70	2.7	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 0.964 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

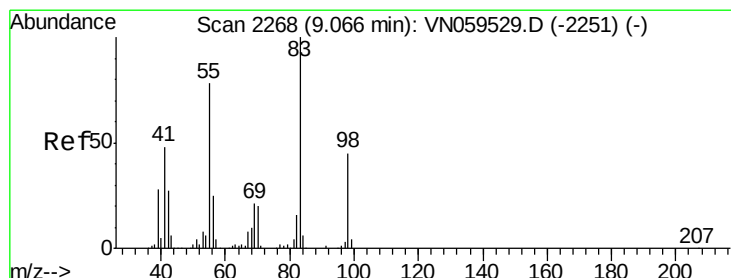
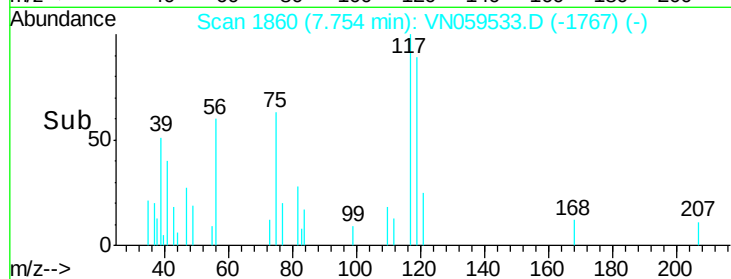
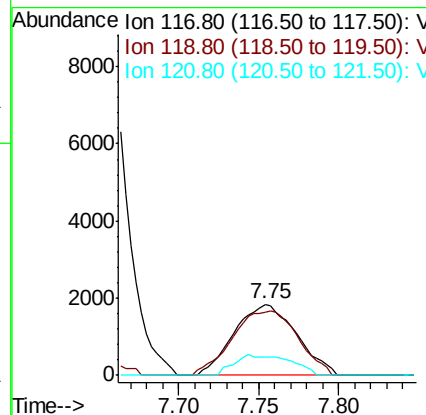
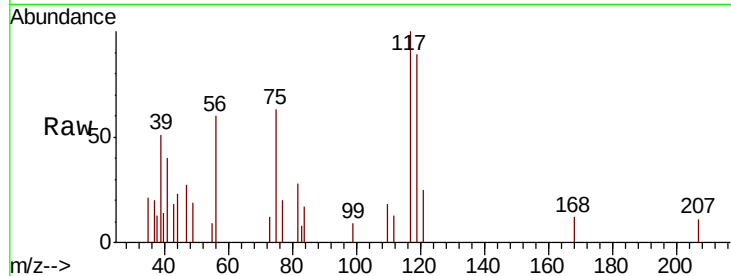
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.0	77.0	115.4
121	25.4	24.1	36.1

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#39

Methylcyclohexane

Concen: 0.849 ug/l

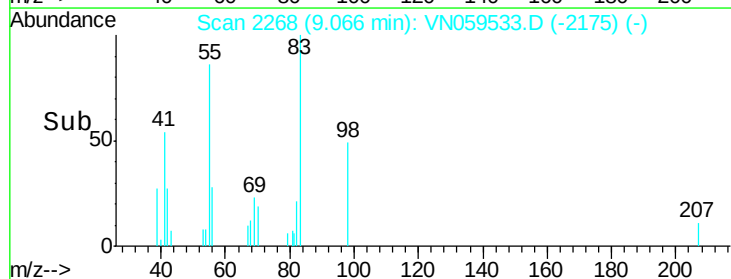
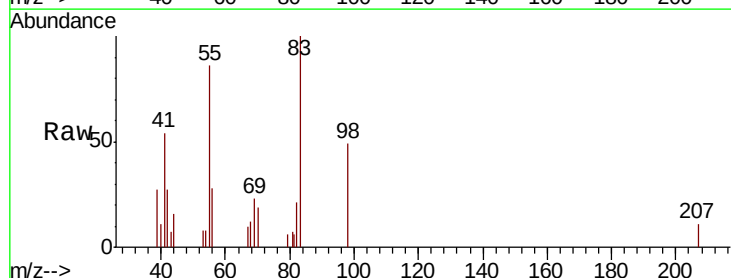
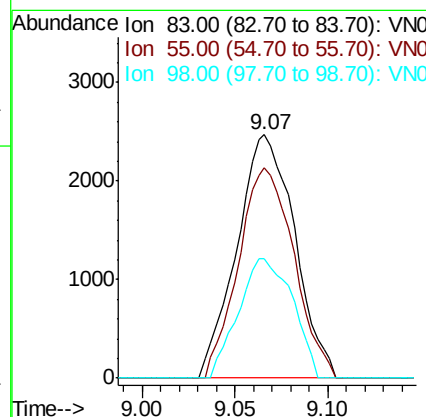
RT: 9.07 min Scan# 2268

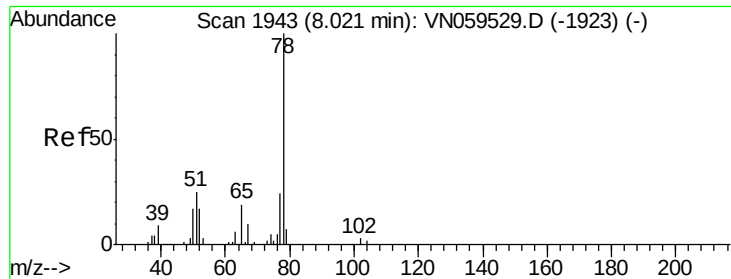
Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.5	62.7	94.1
98	49.2	35.7	53.5





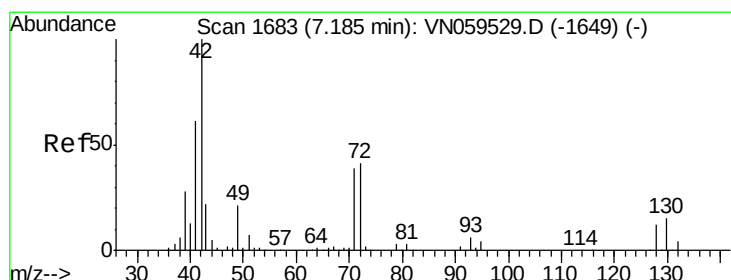
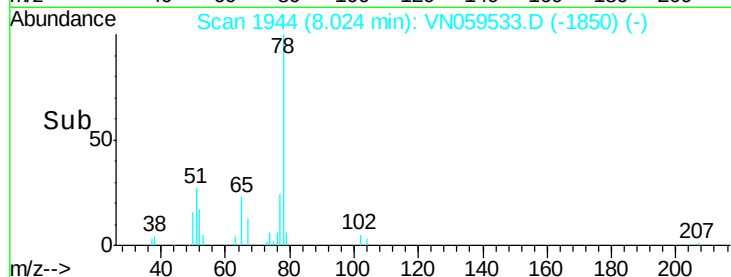
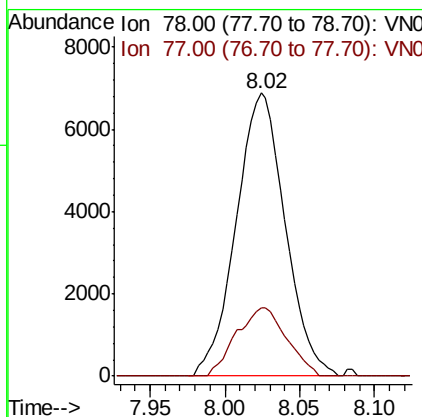
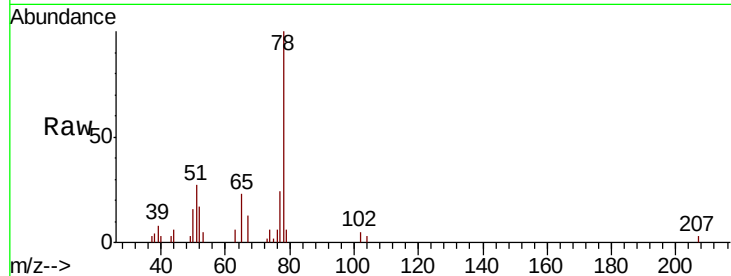
#40
Benzene
Concen: 1.021 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 15702
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

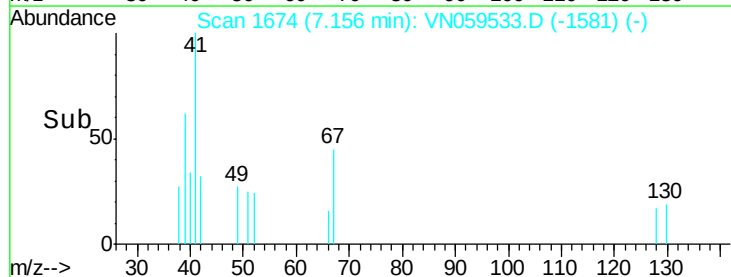
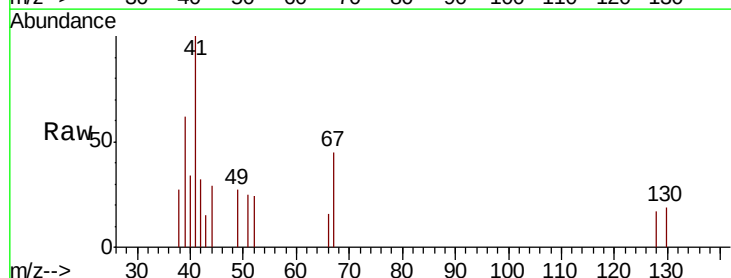
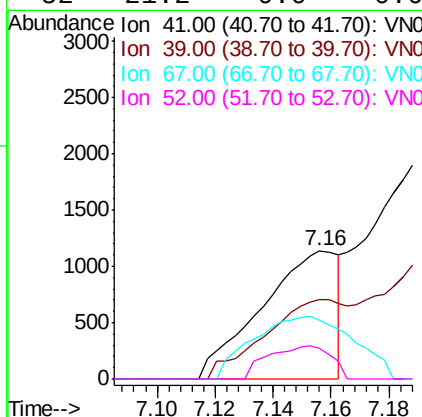
Manual Integrations
APPROVED

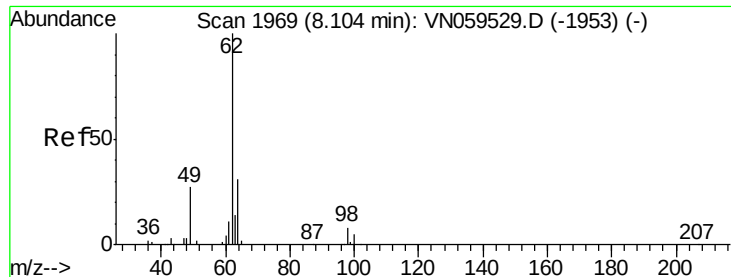
apatel
12/10/2019 5:10:57 PM



#41
Methacrylonitrile
Concen: 0.862 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion: 41 Resp: 2096
Ion Ratio Lower Upper
41 100
39 65.0 0.0 0.0#
67 63.8 0.0 0.0#
52 21.2 0.0 0.0#





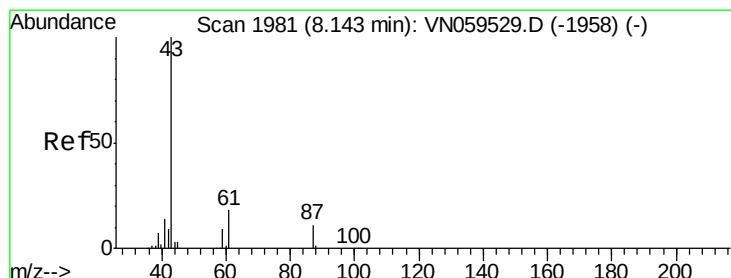
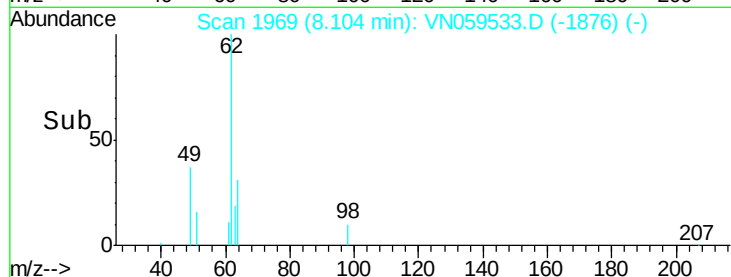
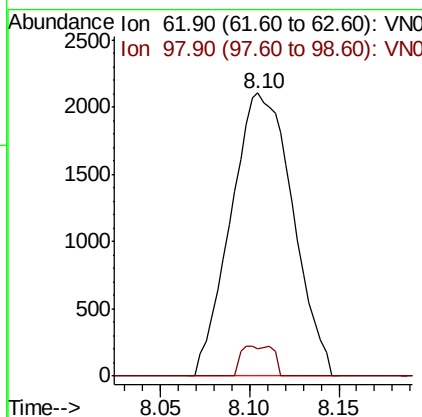
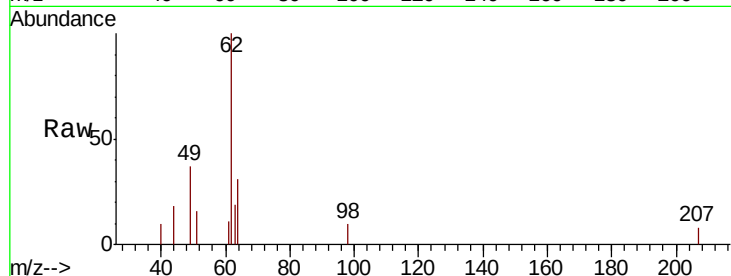
#42
 1,2-Dichloroethane
 Concen: 0.950 ug/l
 RT: 8.10 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	5073		
98	3.2	0.0	15.4	

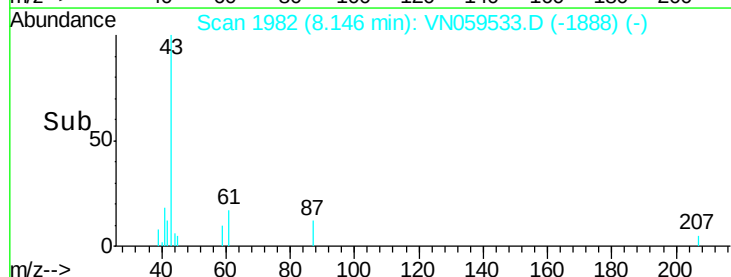
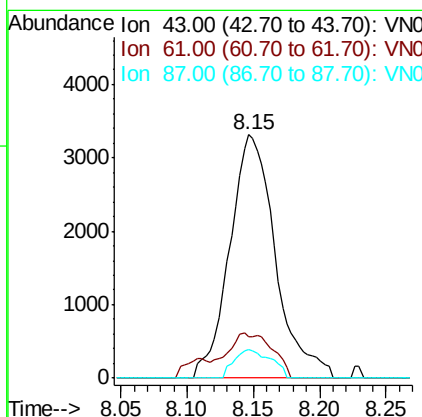
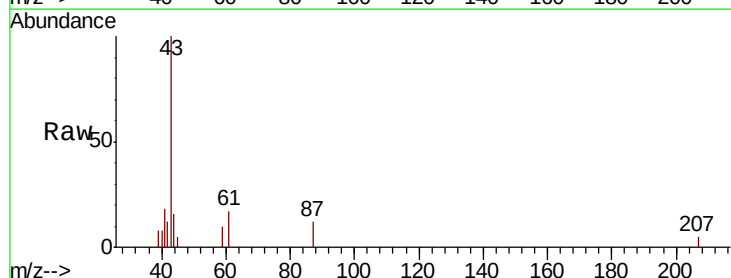
Manual Integrations
 APPROVED

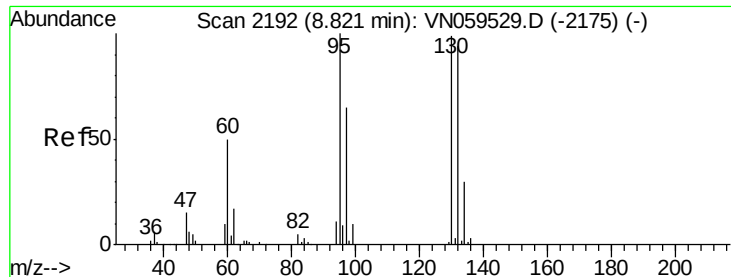
apatel
 12/10/2019 5:10:57 PM



#43
 Isopropyl Acetate
 Concen: 0.900 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	7936		
61	4.5	19.8	29.6#	
87	9.3	9.4	14.2#	





#44

Trichloroethene

Concen: 0.977 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3918

Ion Ratio Lower Upper

130 100

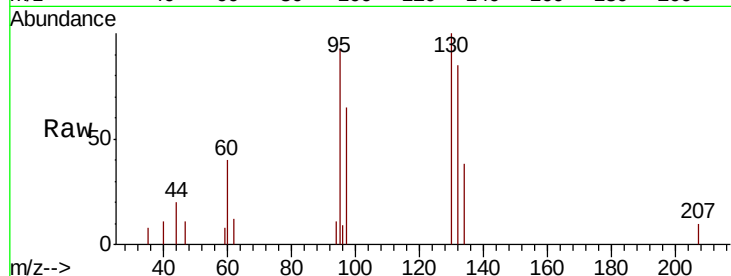
95 93.3 0.0 202.0

Manual Integrations

APPROVED

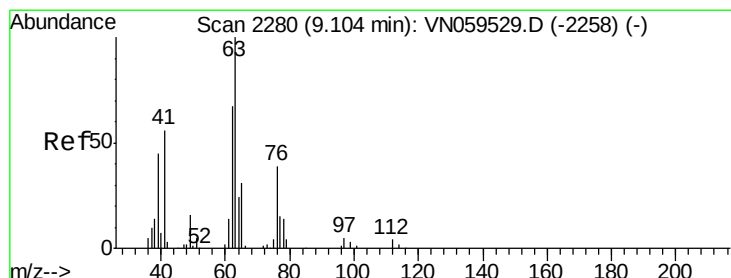
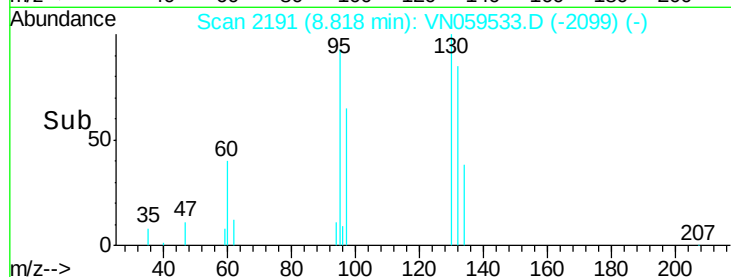
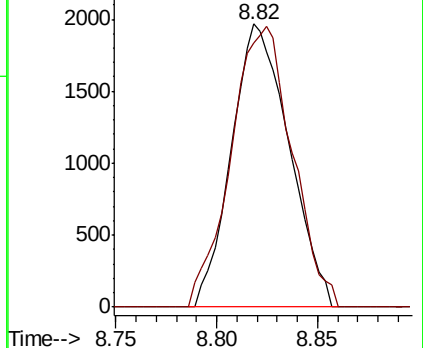
apatel

12/10/2019 5:10:57 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.902 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.01 min

Lab File: VN059533.D

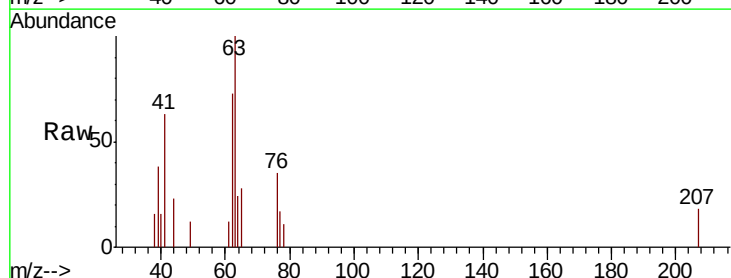
Acq: 9 Dec 2019 17:19

Tgt Ion: 63 Resp: 3712

Ion Ratio Lower Upper

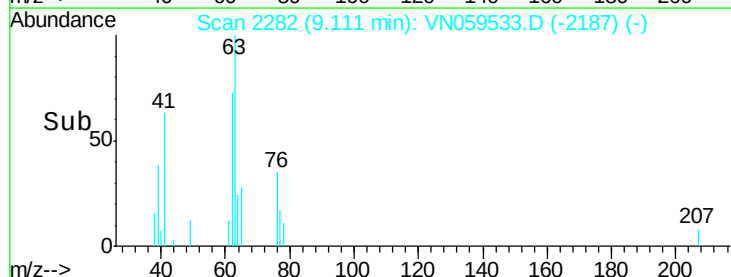
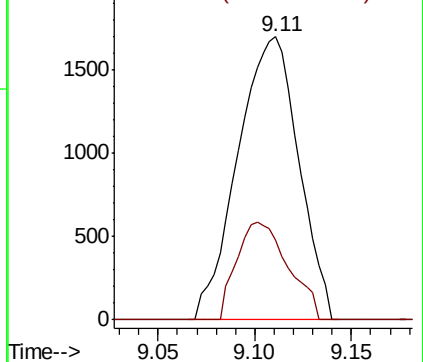
63 100

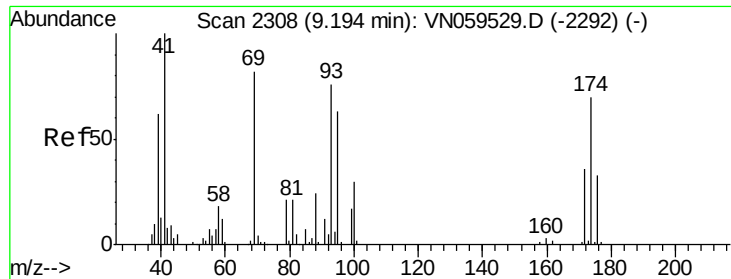
65 28.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





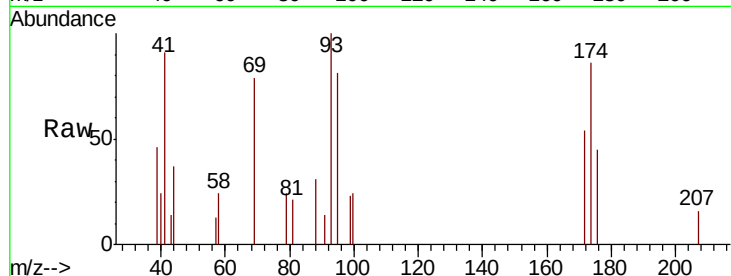
#46
Dibromomethane
Concen: 1.023 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

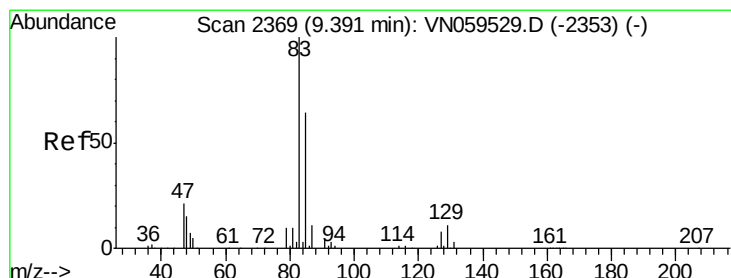
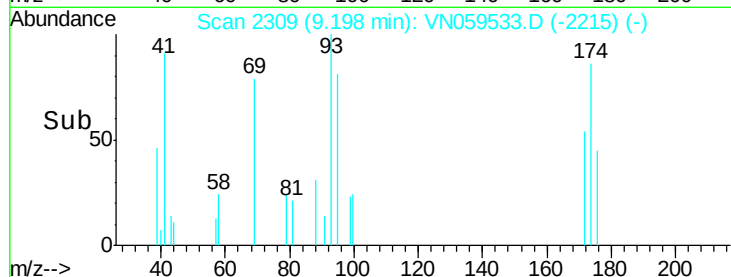
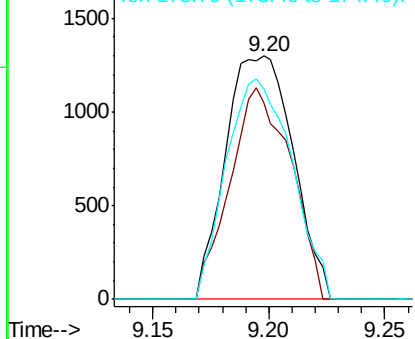
Tot Ion: 93 Resp: 2636
Ion Ratio Lower Upper
93 100
95 78.1 67.0 100.6
174 88.4 75.6 113.4

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM

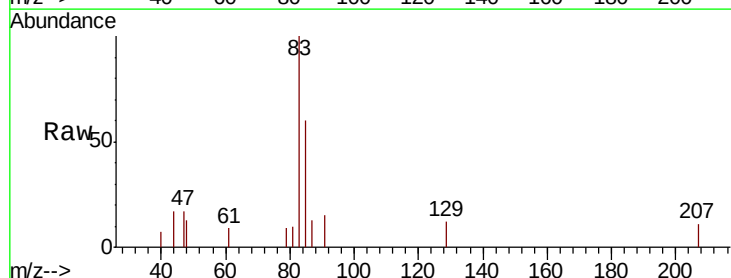


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

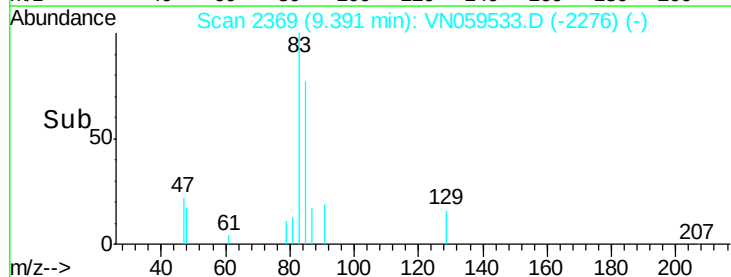
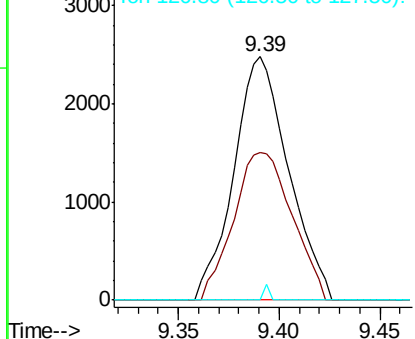


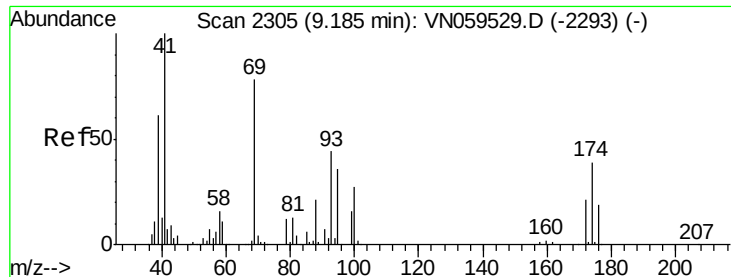
#47
Bromodichloromethane
Concen: 0.905 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion: 83 Resp: 4691
Ion Ratio Lower Upper
83 100
85 60.4 51.4 77.0
127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





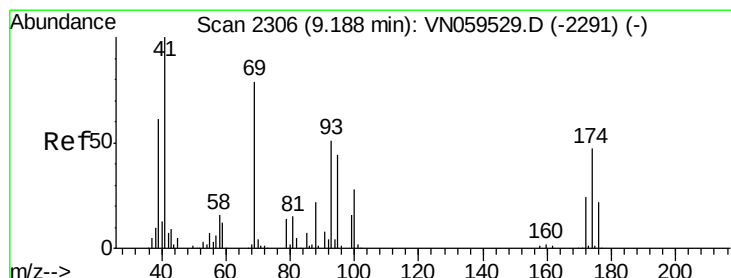
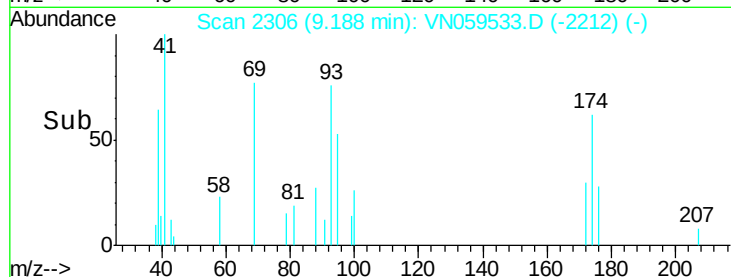
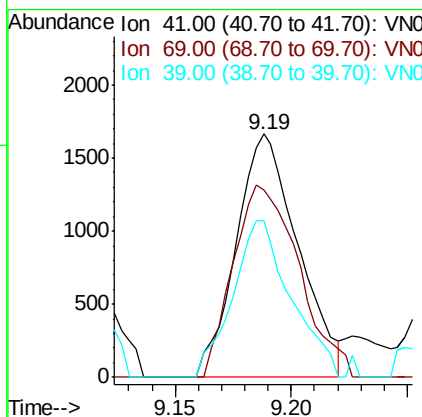
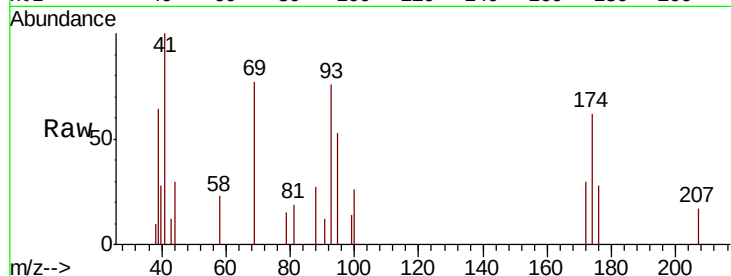
#48
Methvl methacrylate
Concen: 0.777 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	84.2	64.0	96.0
39	60.7	50.0	75.0

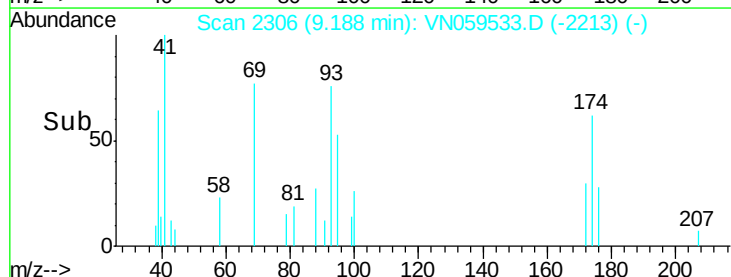
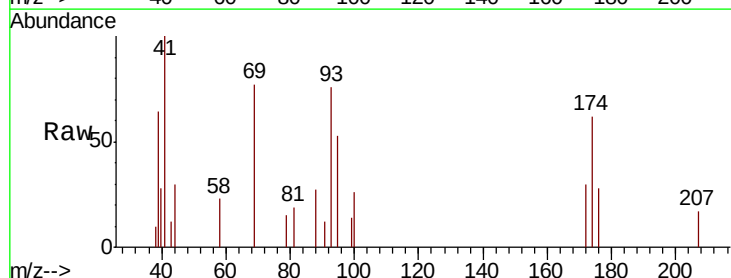
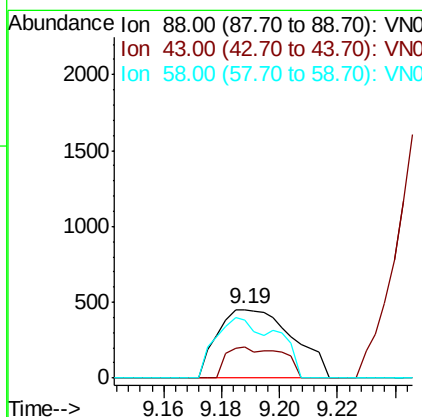
Manual Integrations
APPROVED

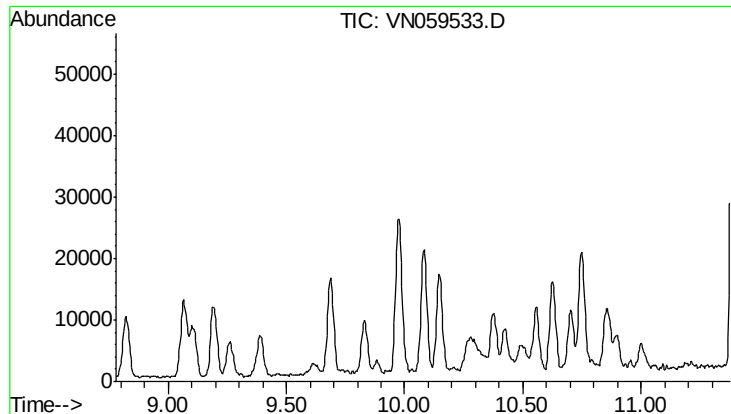
apatel
12/10/2019 5:10:57 PM



#49
1,4-Dioxane
Concen: 13.946 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.7	31.4	47.0
58	71.6	61.0	91.6





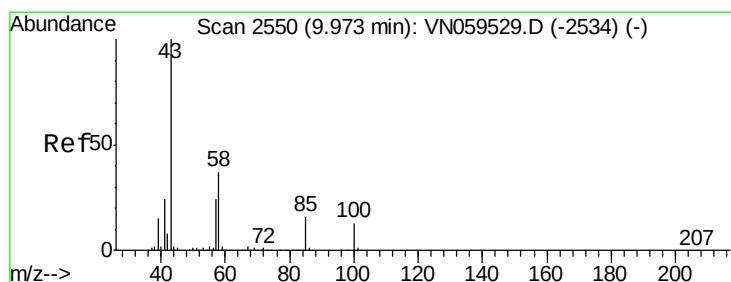
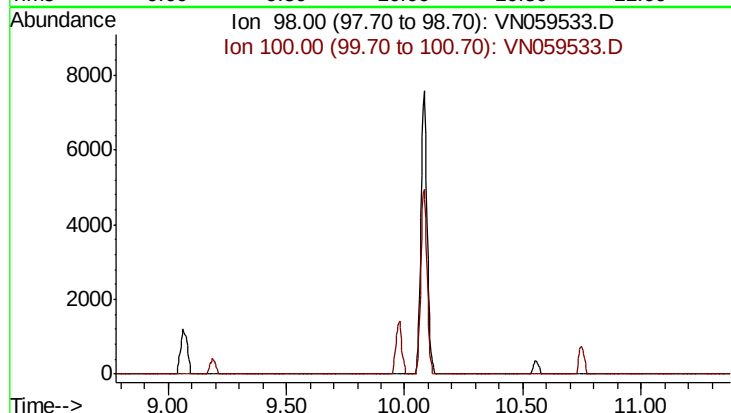
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.8

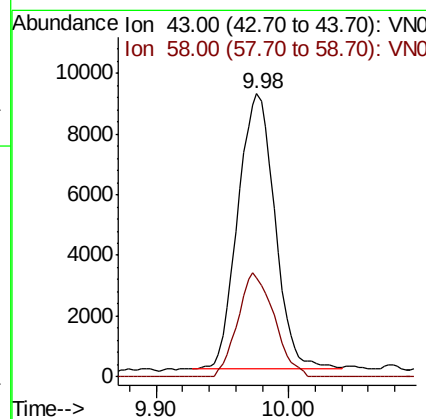
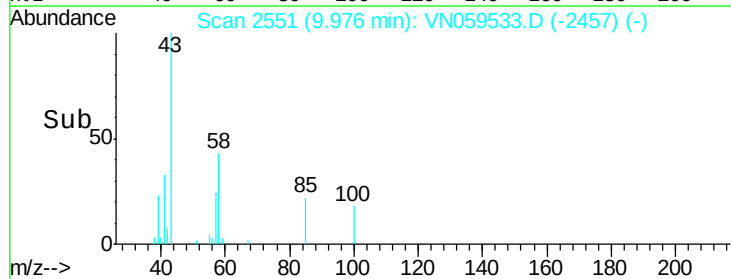
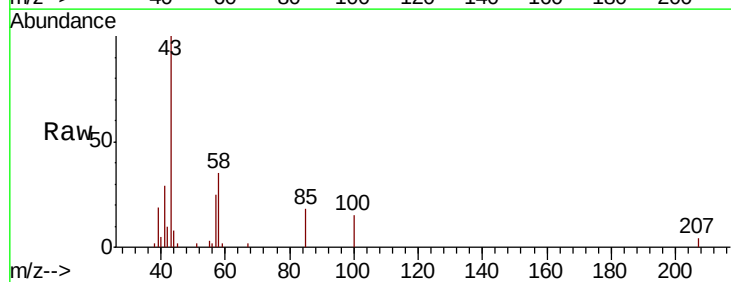
Manual Integrations
APPROVED

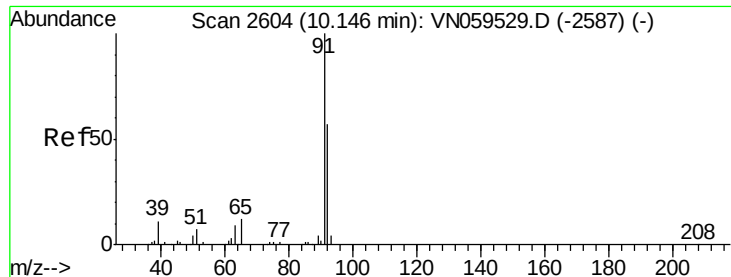
apatel
12/10/2019 5:10:57 PM



#51
4-Methyl-2-Pentanone
Concen: 3.374 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion: 43 Resp: 17630
Ion Ratio Lower Upper
43 100
58 37.0 30.1 45.1





#52

Toluene

Concen: 0.707 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6557

Ion Ratio Lower Upper

92 100

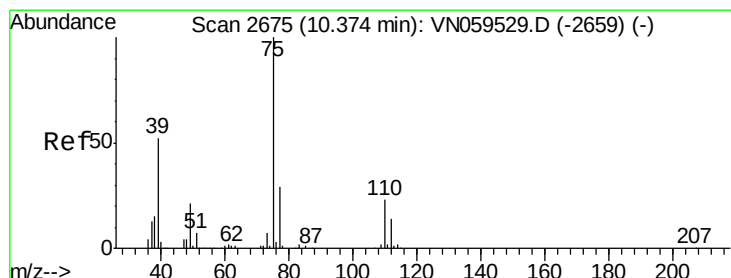
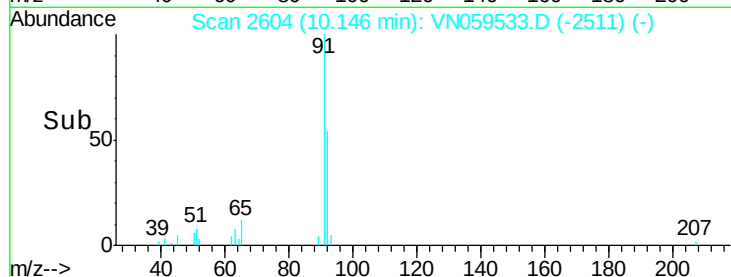
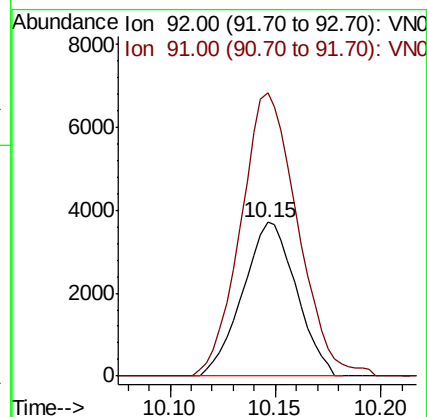
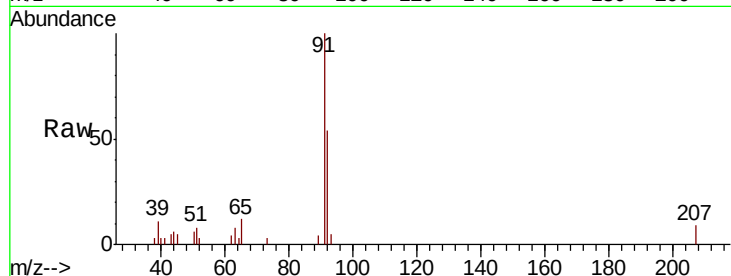
91 195.1 140.7 211.1

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#53

t-1,3-Dichloropropene

Concen: 0.774 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059533.D

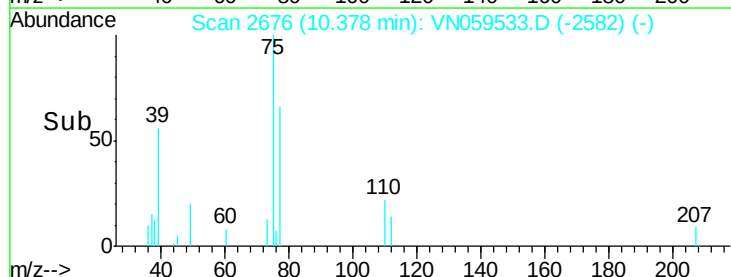
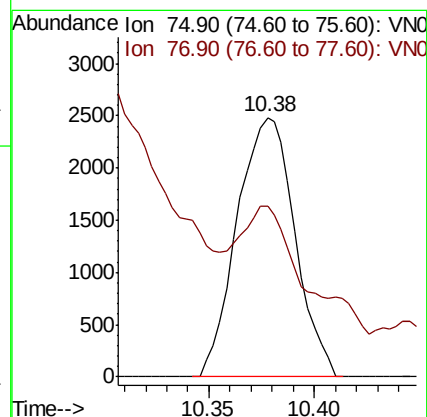
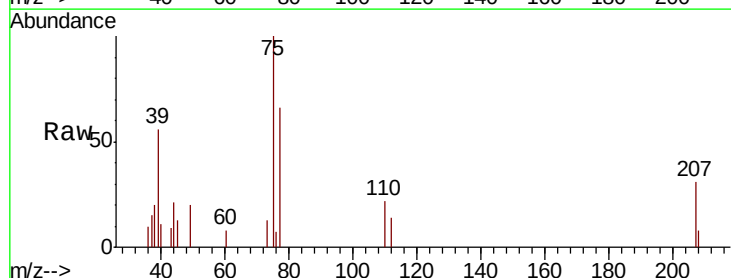
Acq: 9 Dec 2019 17:19

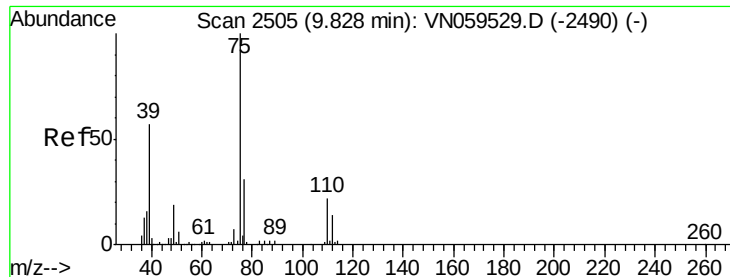
Tgt Ion: 75 Resp: 4708

Ion Ratio Lower Upper

75 100

77 35.6 24.5 36.7





#54

cis-1,3-Dichloropropene

Concen: 0.833 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

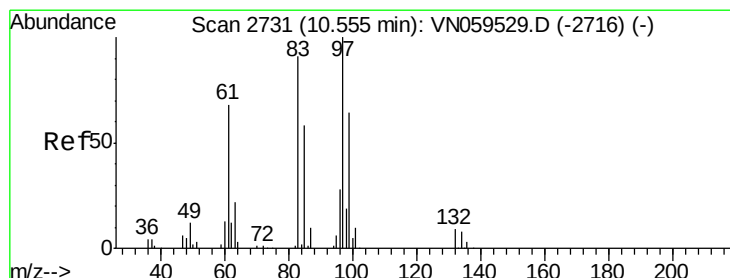
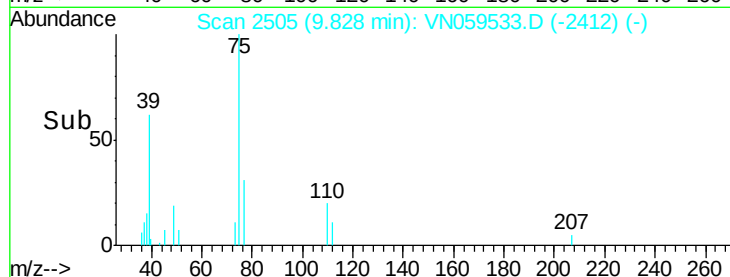
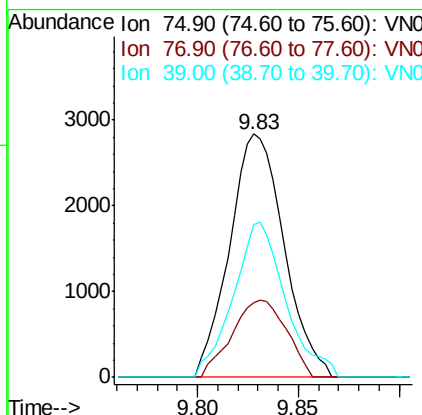
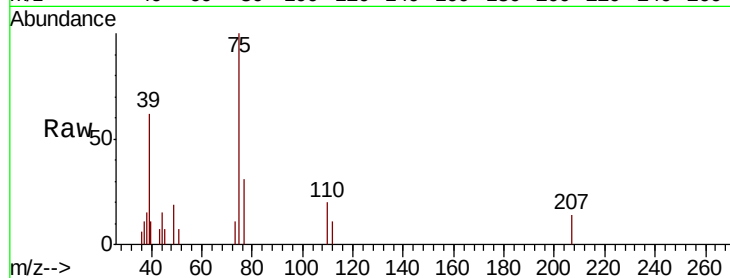
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5344
Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8
39	62.5	45.6	68.4

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#55

1,1,2-Trichloroethane

Concen: 0.798 ug/l

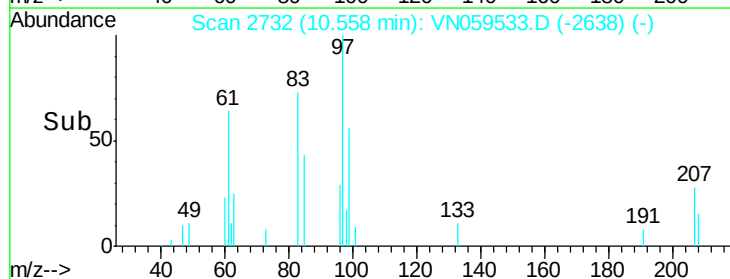
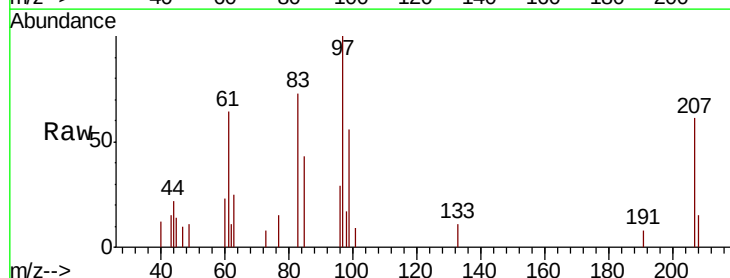
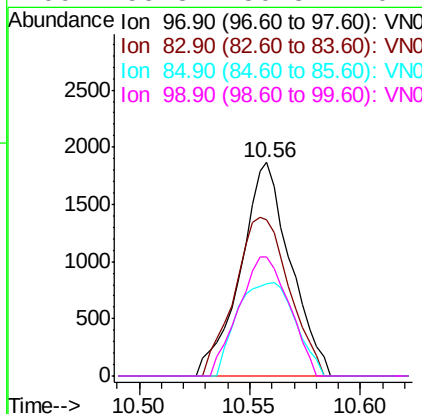
RT: 10.56 min Scan# 2732

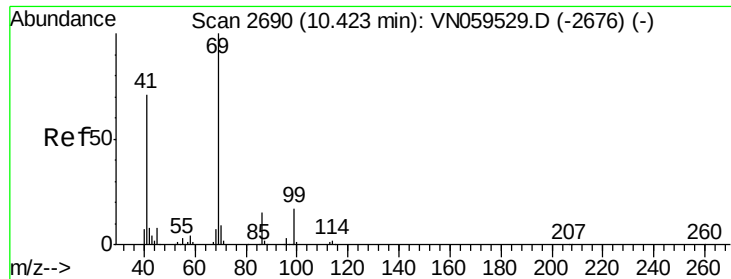
Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion:	97	Resp:	2923
Ion	Ratio	Lower	Upper
97	100		
83	73.0	72.9	109.3
85	43.2	46.1	69.1#
99	55.8	50.8	76.2





#56

Ethyl methacrylate

Concen: 0.595 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

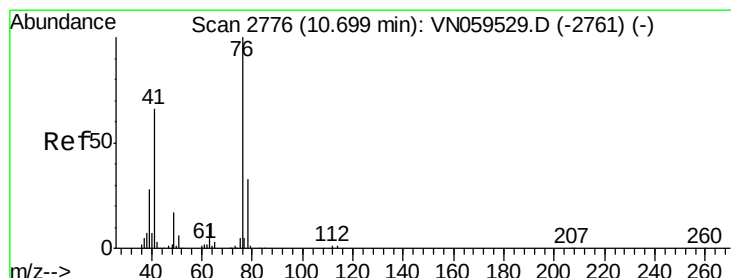
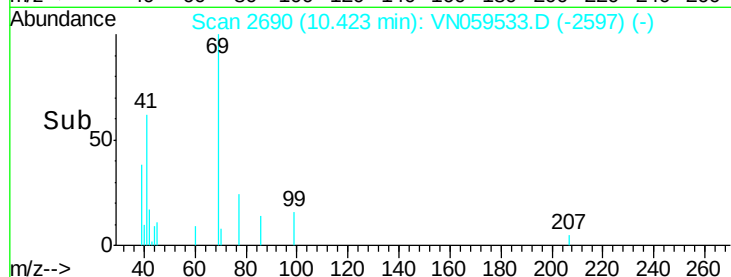
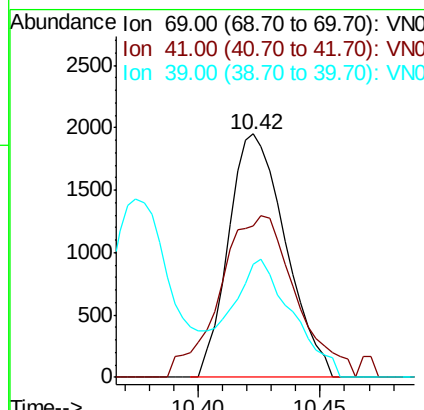
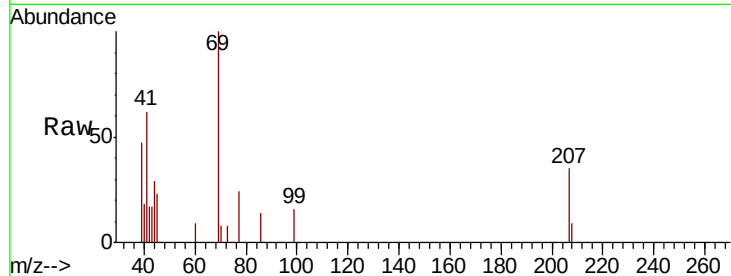
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3160
Ion	Ratio	Lower	Upper
69	100		
41	88.3	57.7	86.5#
39	52.1	34.2	51.2#

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#57

1,3-Dichloropropane

Concen: 0.742 ug/l

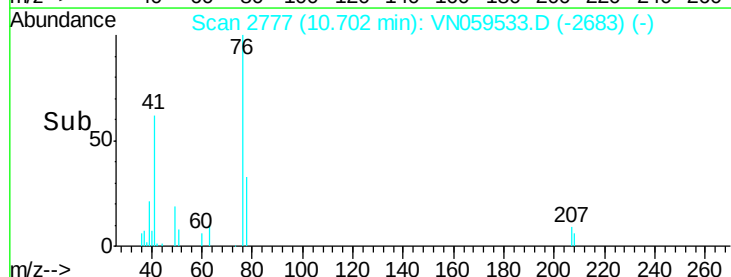
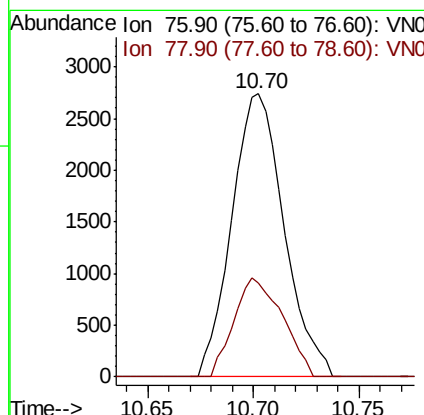
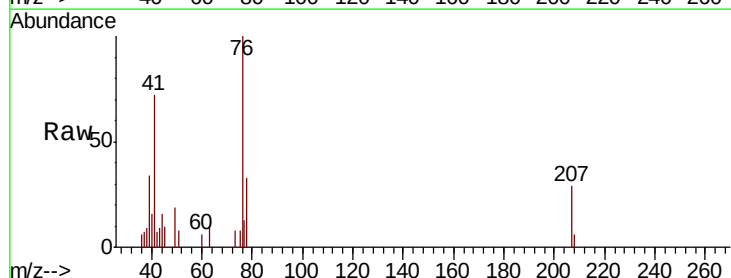
RT: 10.70 min Scan# 2777

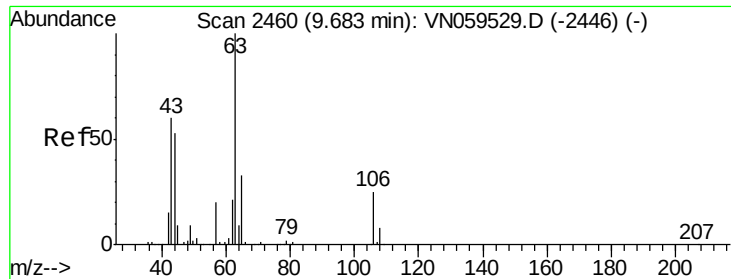
Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion:	76	Resp:	4722
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1





#58

2-Chloroethyl Vinyl ether

Concen: 4.825 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 7484

Ion Ratio Lower Upper

63 100

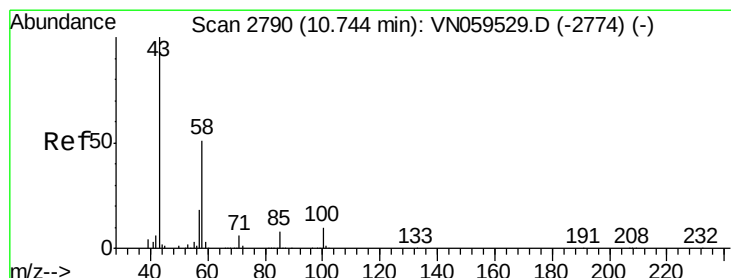
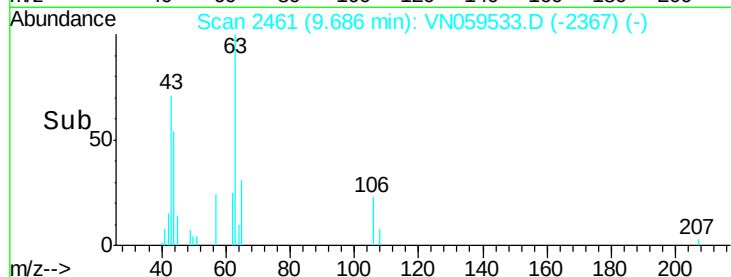
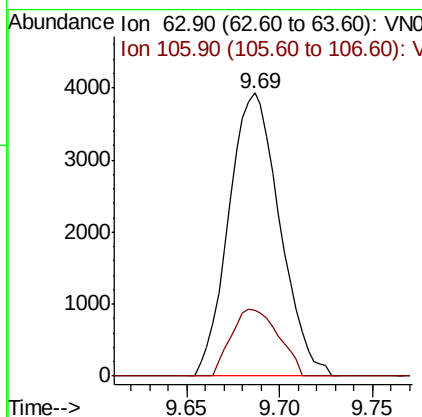
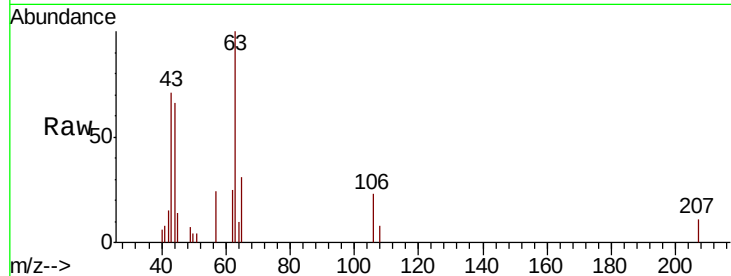
106 22.0 19.9 29.9

Manual Integrations

APPROVED

apatel

12/10/2019 5:10:57 PM



#59

2-Hexanone

Concen: 3.439 ug/l

RT: 10.75 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN059533.D

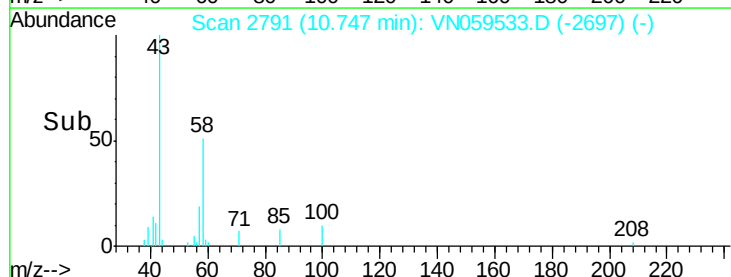
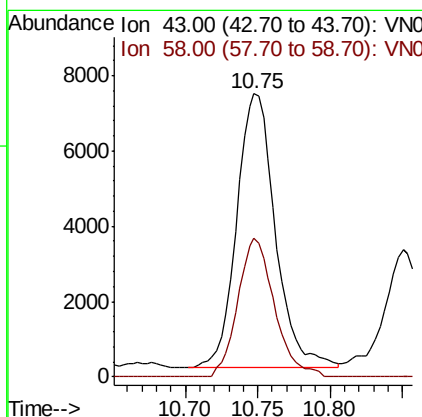
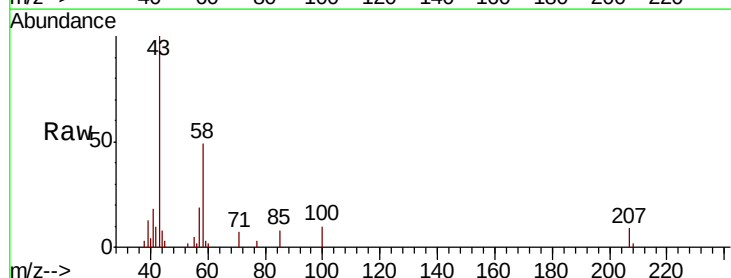
Acq: 9 Dec 2019 17:19

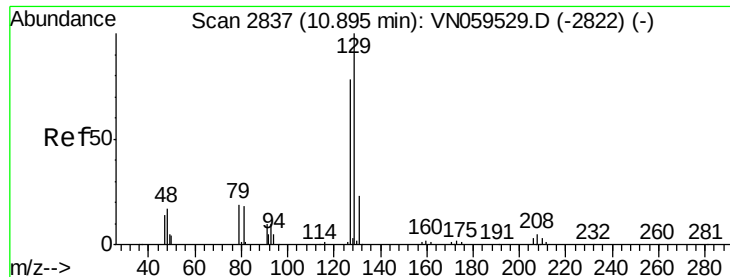
Tgt Ion: 43 Resp: 13523

Ion Ratio Lower Upper

43 100

58 47.7 25.9 77.6





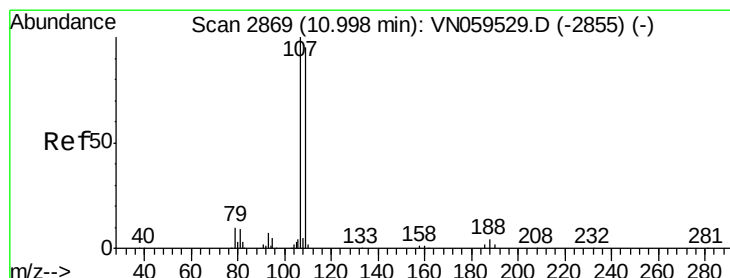
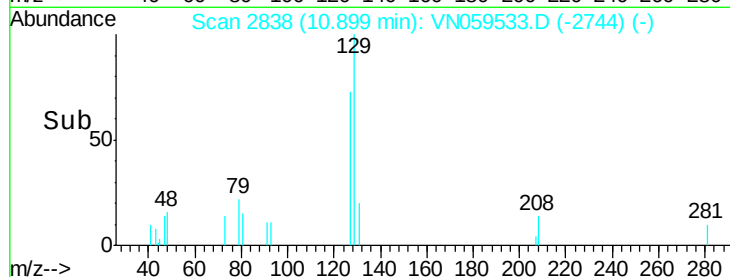
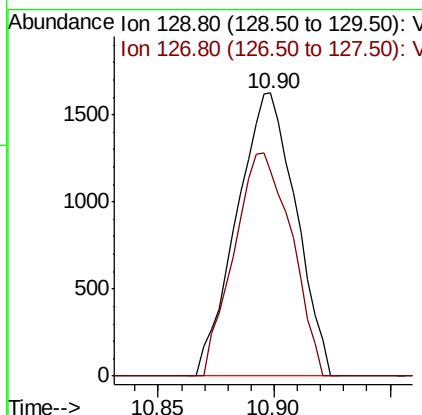
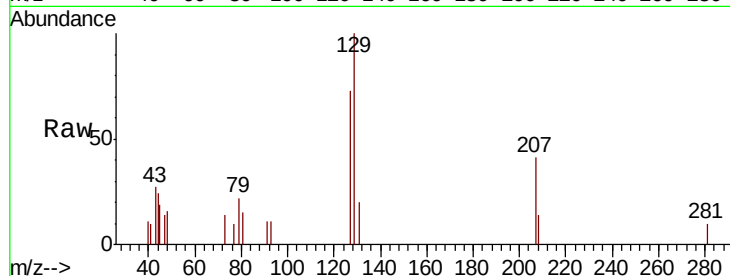
#60
Dibromochloromethane
Concen: 0.732 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.9	116.6

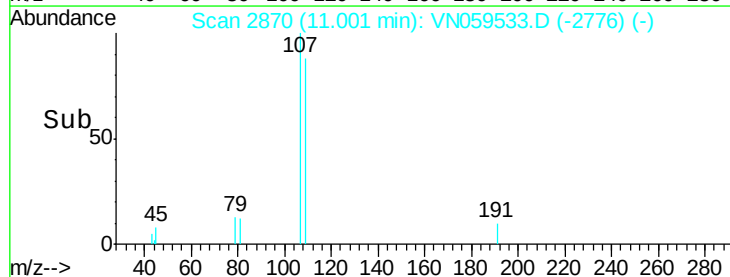
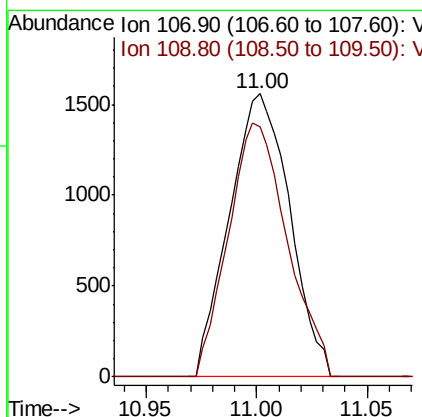
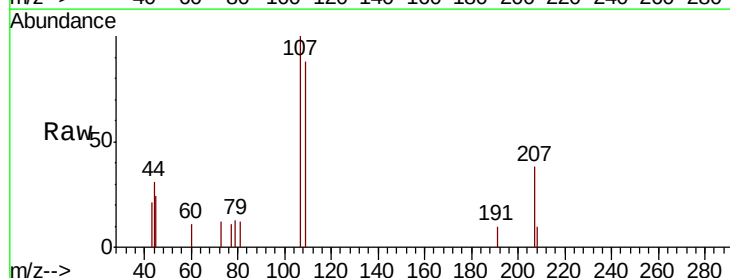
Manual Integrations
APPROVED

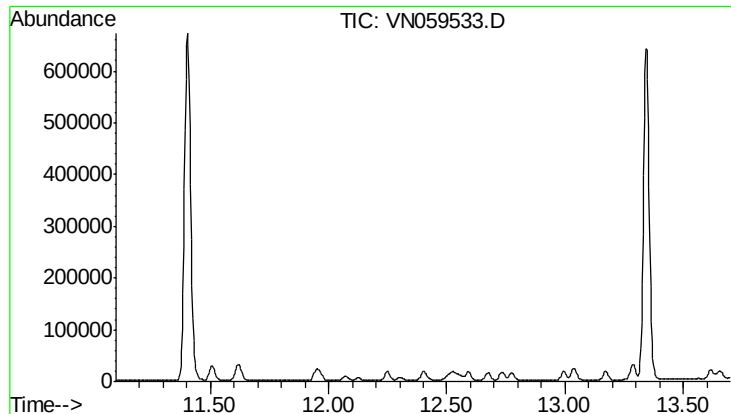
apatel
12/10/2019 5:10:57 PM



#61
1,2-Dibromoethane
Concen: 0.781 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
109	87.6	76.1	114.1





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min

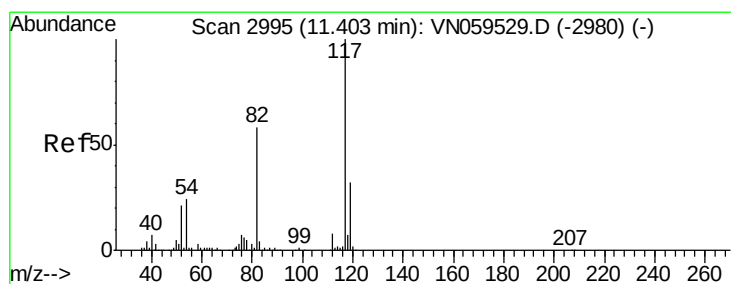
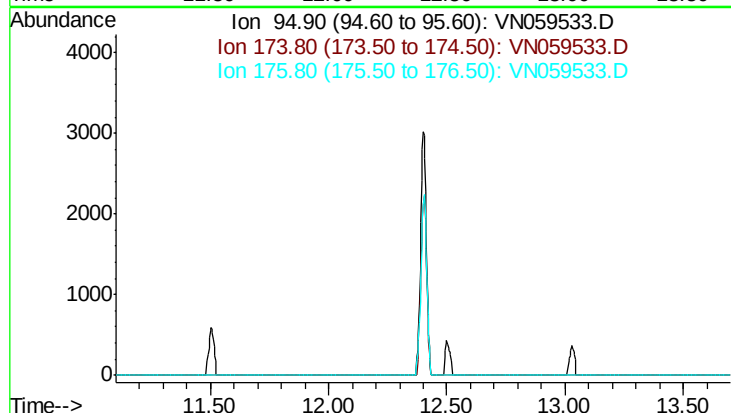
Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	79.0
176	77.7

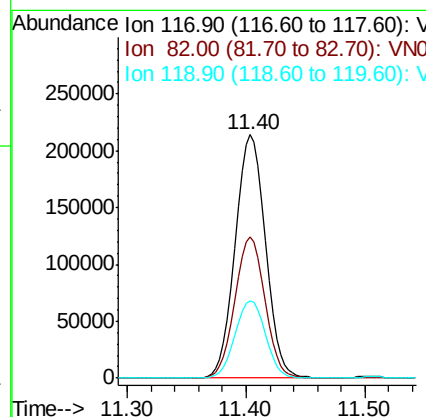
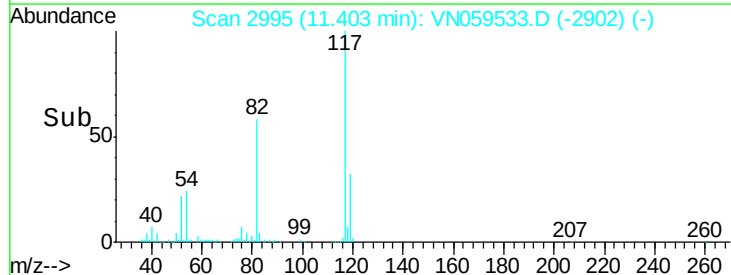
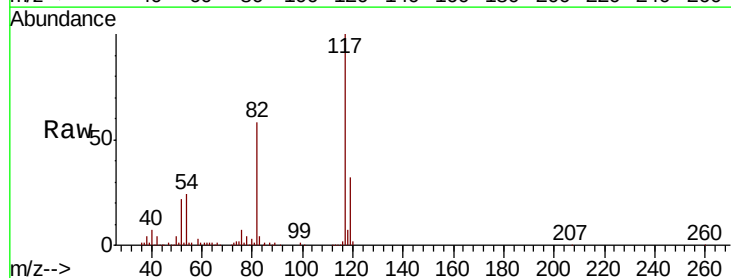
Manual Integrations
 APPROVED

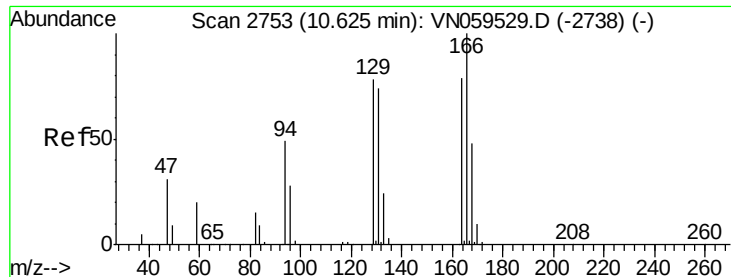
apatel
 12/10/2019 5:10:57 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	117	Resp	378668
Ion Ratio	Lower	Upper	
117	100		
82	58.1	46.5	69.7
119	31.7	25.2	37.8





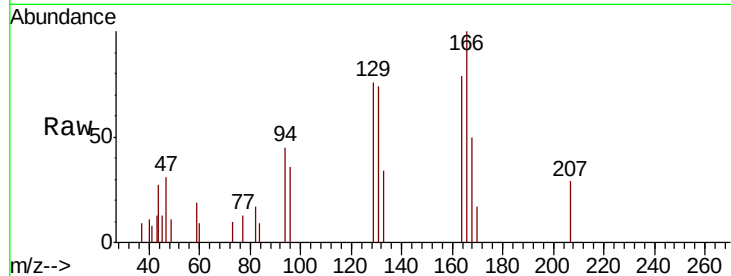
#64
Tetrachloroethene
Concen: 0.912 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.6	152.4
129	96.7	79.0	118.6
131	94.5	74.7	112.1

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



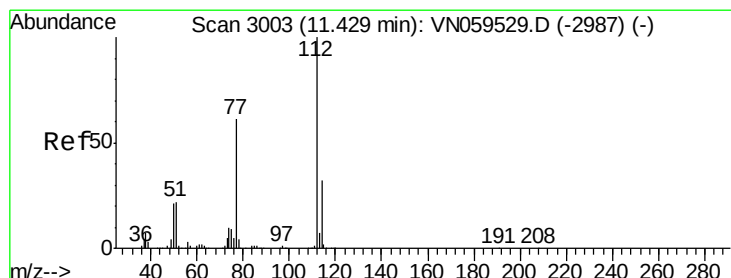
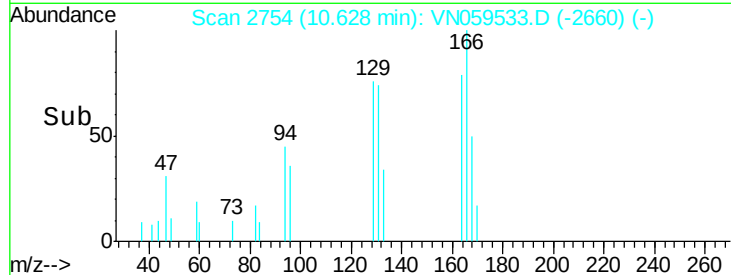
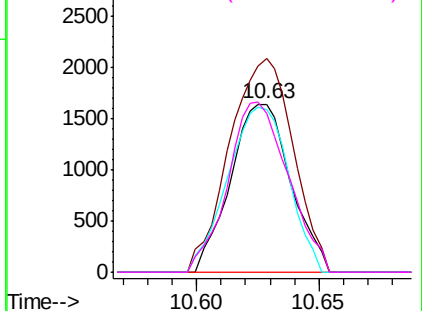
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

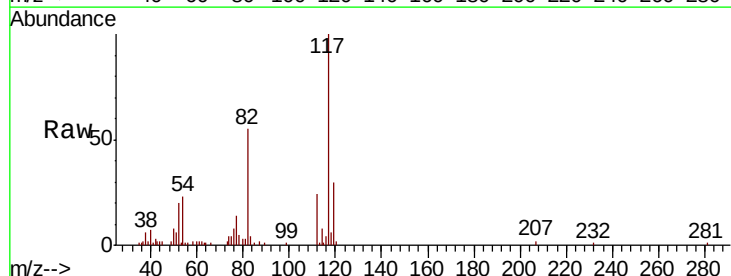
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 0.993 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

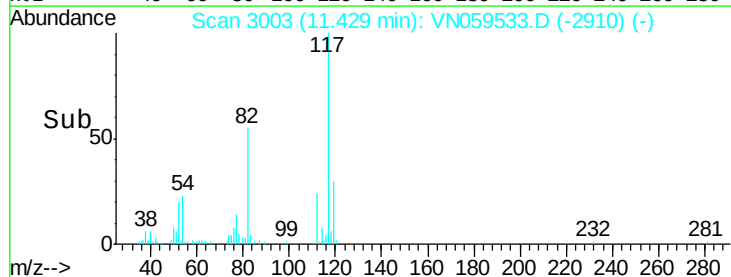
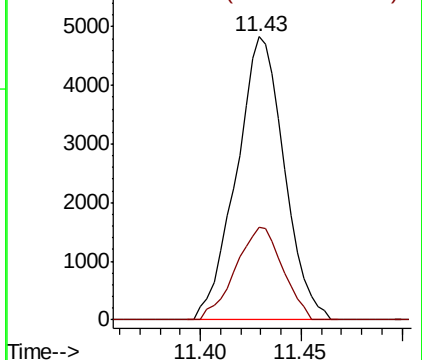
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.0	39.0

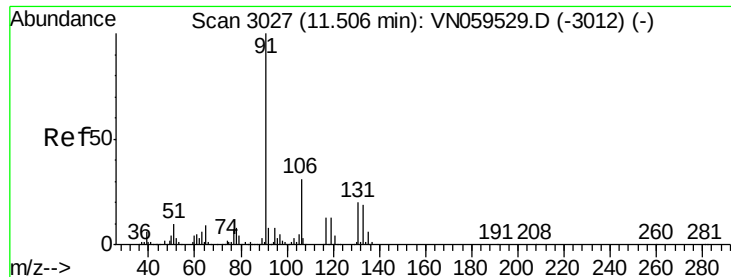


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





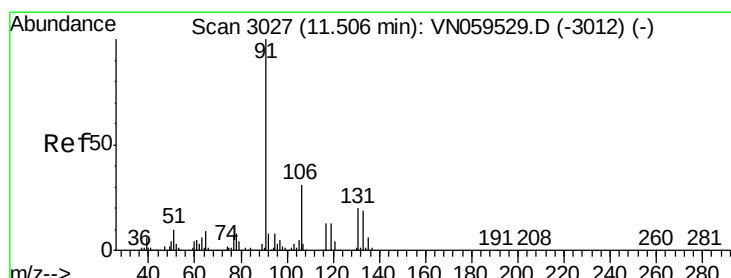
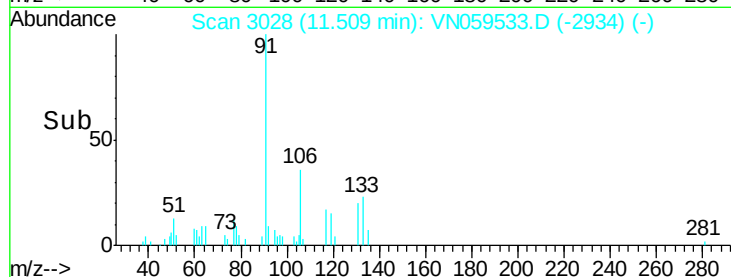
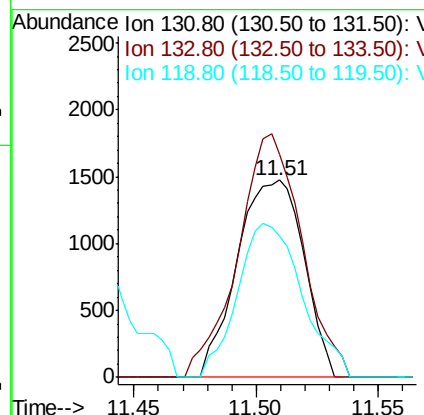
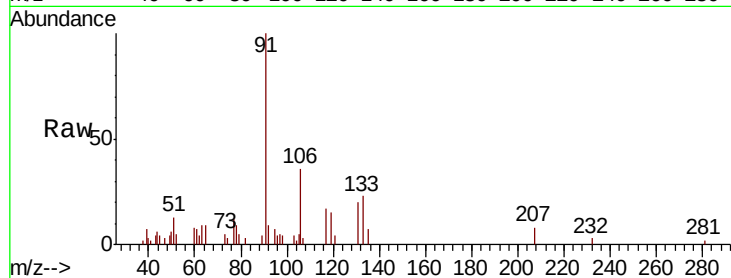
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.958 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	118.2	47.8	143.3
119	0.0	33.4	100.2

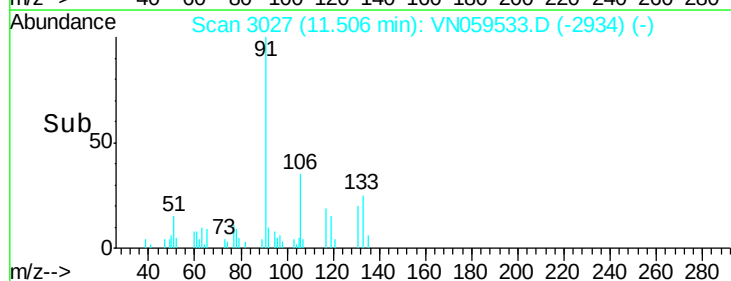
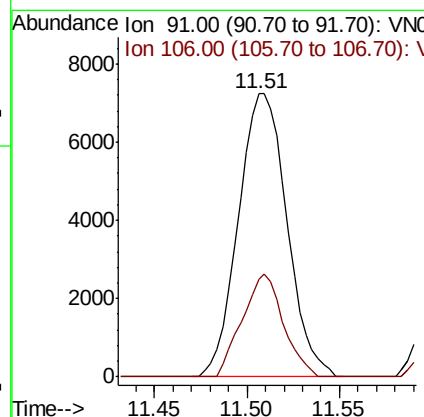
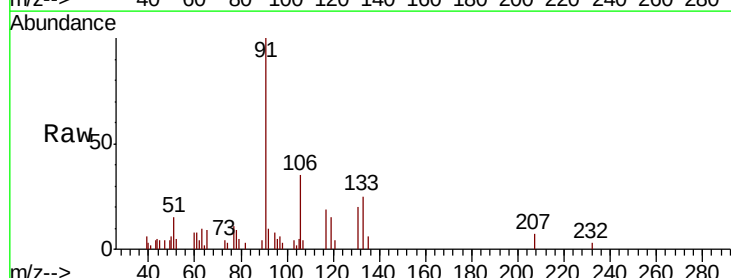
Manual Integrations
 APPROVED

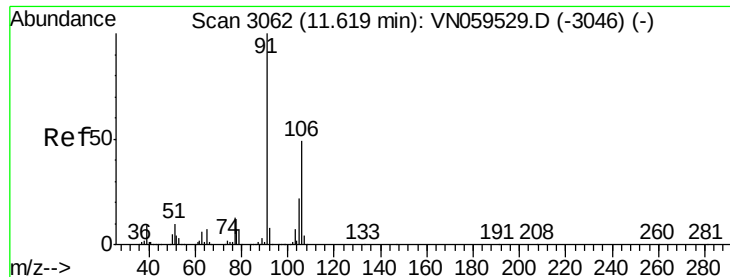
apatel
 12/10/2019 5:10:57 PM



#67
 Ethyl Benzene
 Concen: 0.930 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.7	24.5	36.7





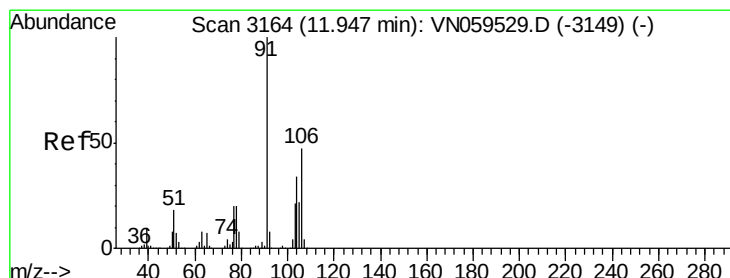
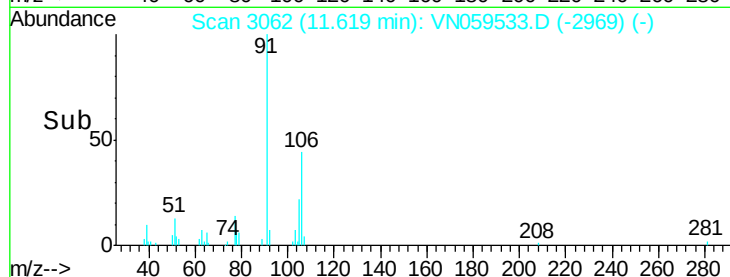
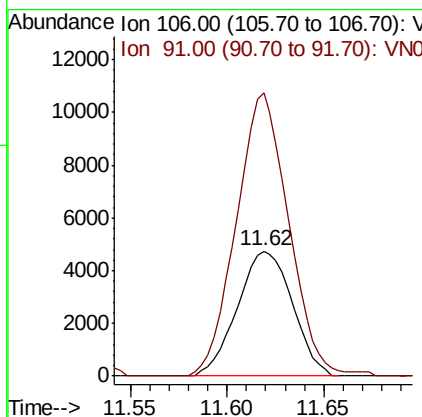
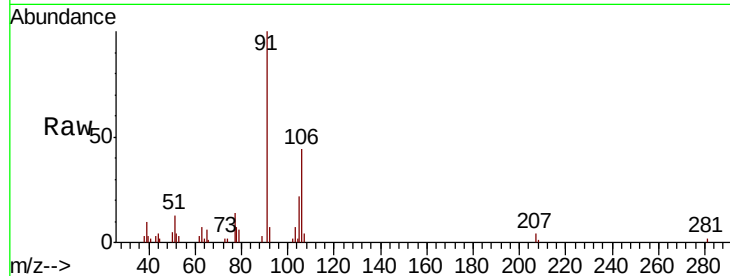
#68
m/p-Xylenes
Concen: 1.762 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 9360
Ion Ratio Lower Upper
106 100
91 215.6 162.9 244.3

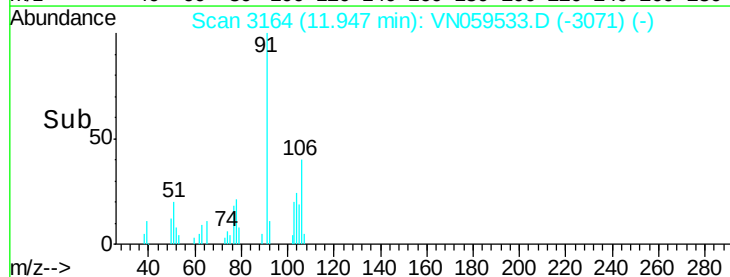
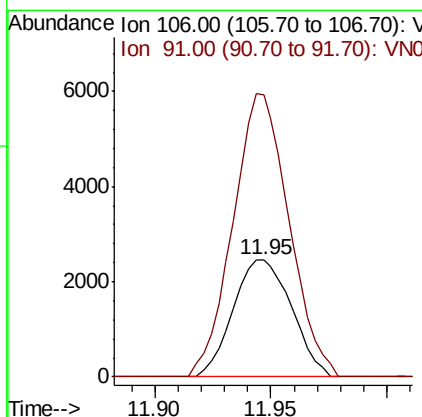
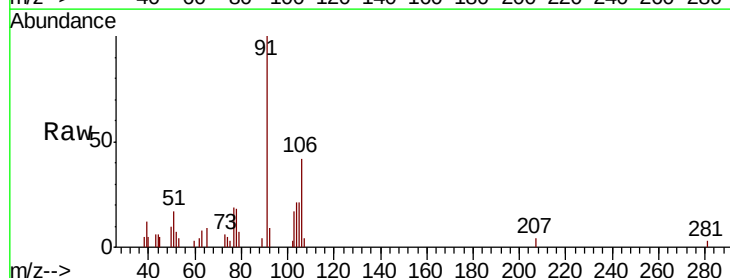
Manual Integrations
APPROVED

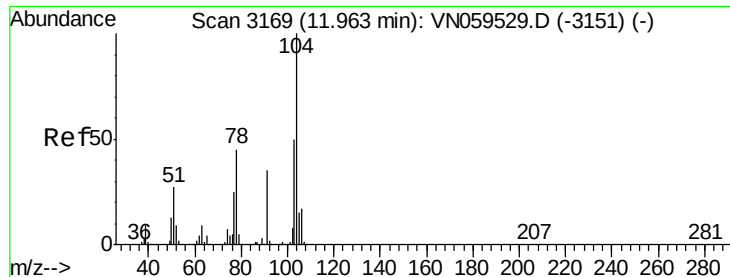
apatel
12/10/2019 5:10:57 PM



#69
o-Xylene
Concen: 0.849 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion:106 Resp: 4298
Ion Ratio Lower Upper
106 100
91 232.3 106.7 319.9





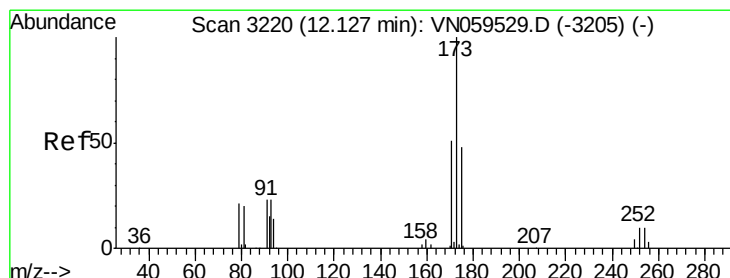
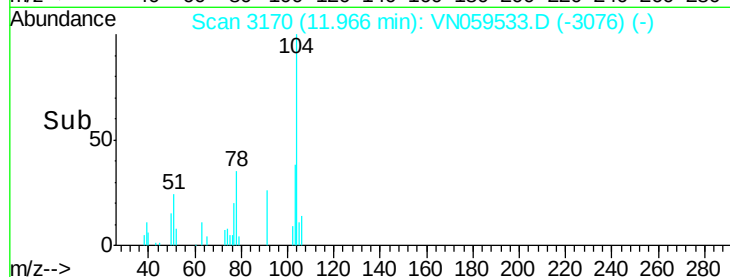
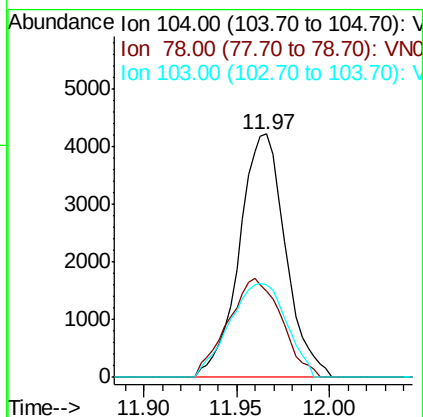
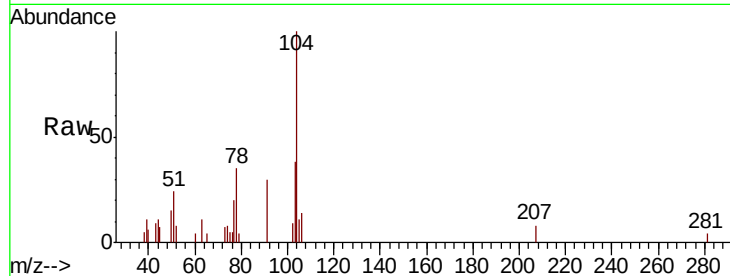
#70
Stvrene
Concen: 0.902 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	40.6	60.8
103	47.4	43.9	65.9

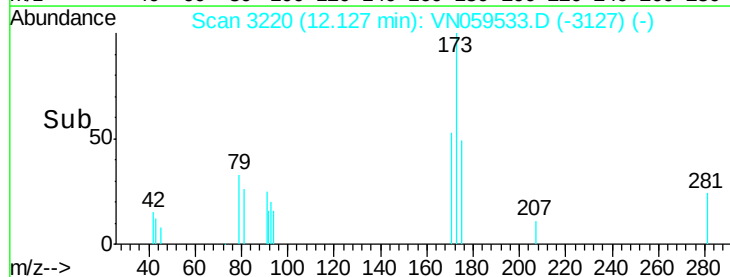
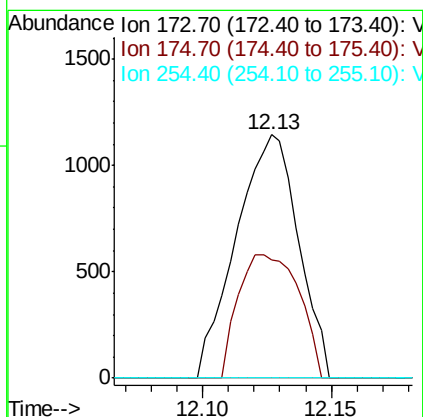
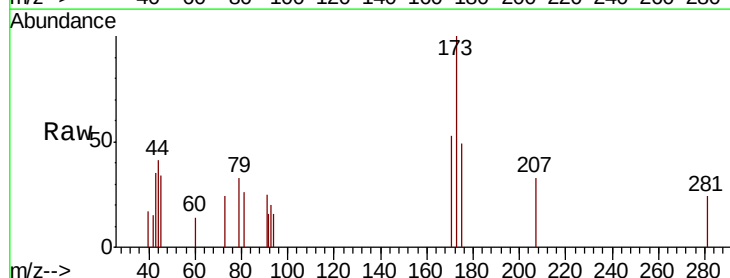
Manual Integrations
APPROVED

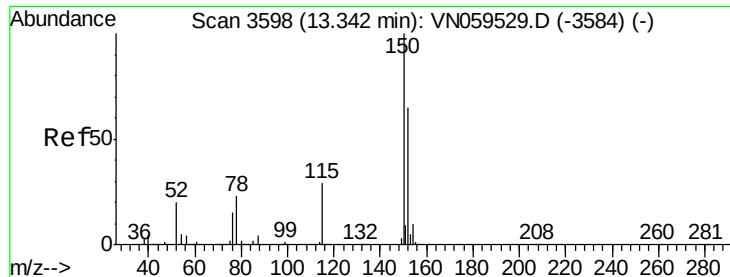
apatel
12/10/2019 5:10:57 PM



#71
Bromoform
Concen: 0.840 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

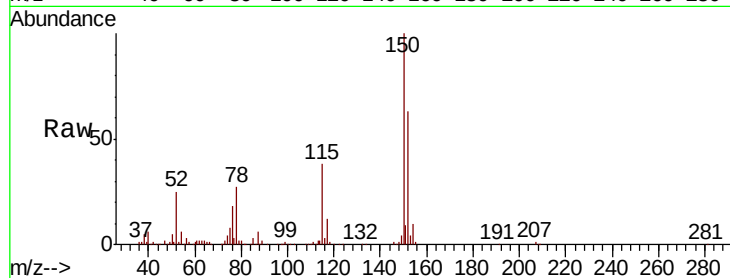
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	164602
Ion Ratio	Lower	Upper	
152	100		
115	60.6	29.4	88.2
150	156.4	0.0	342.4

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM

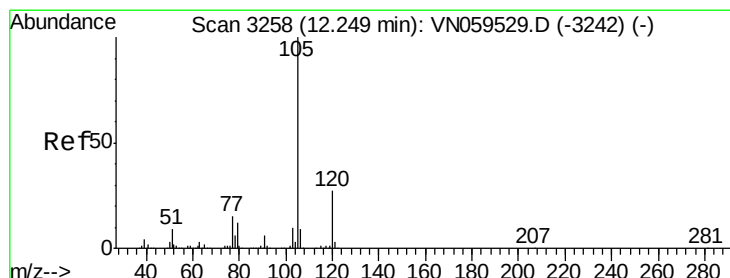
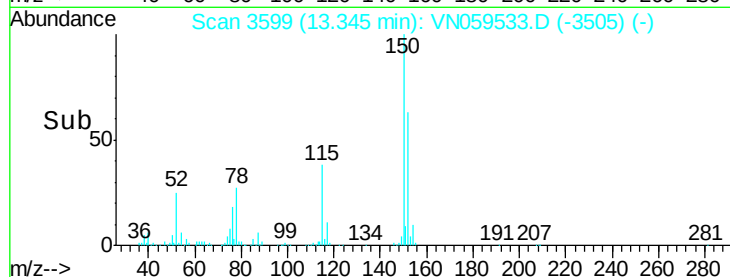
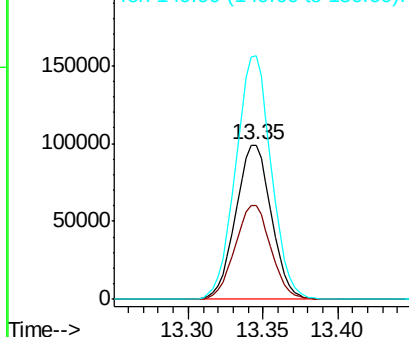


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.919 ug/l

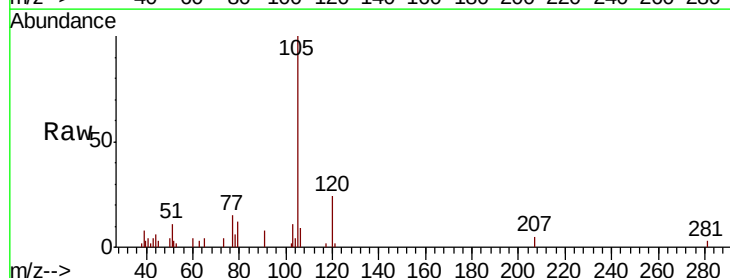
RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

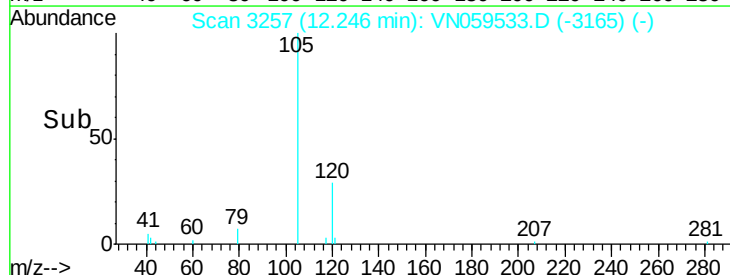
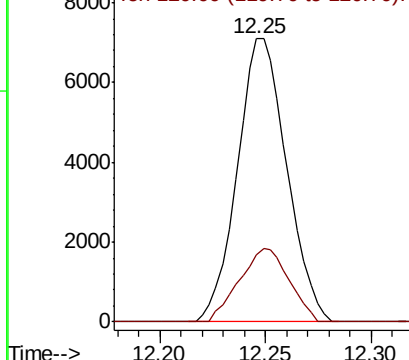
Tgt Ion:	105	Resp:	11524
Ion Ratio	Lower	Upper	
105	100		
120	26.0	13.2	39.5

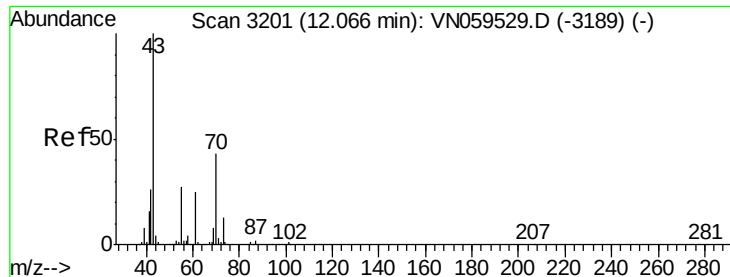


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.775 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

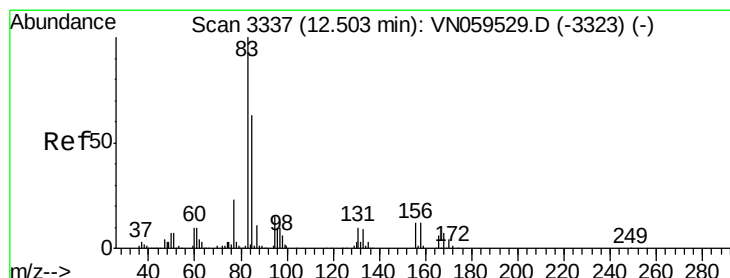
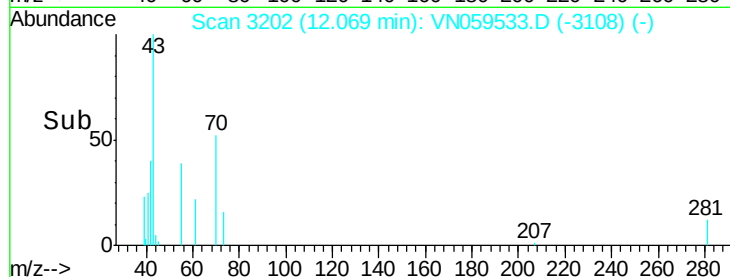
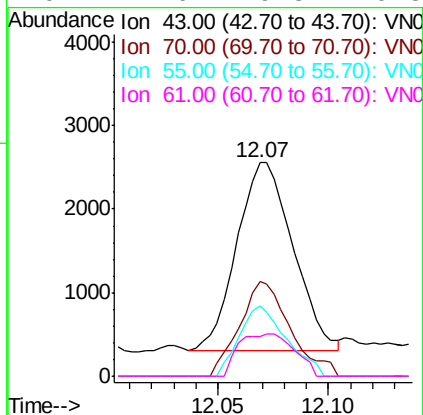
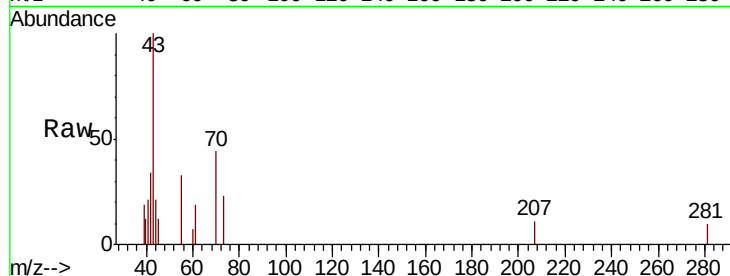
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3971
Ion	Ratio	Lower	Upper
43	100		
70	45.4	34.2	51.4
55	31.4	21.3	31.9
61	22.6	19.8	29.8

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 1.027 ug/l

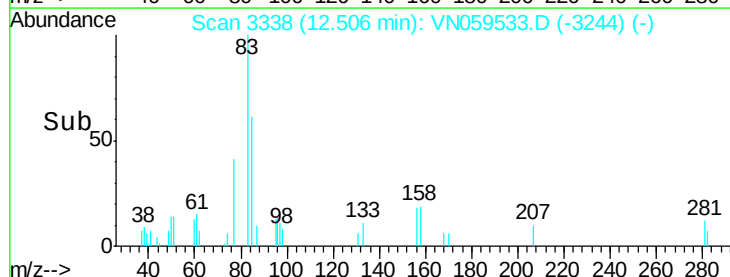
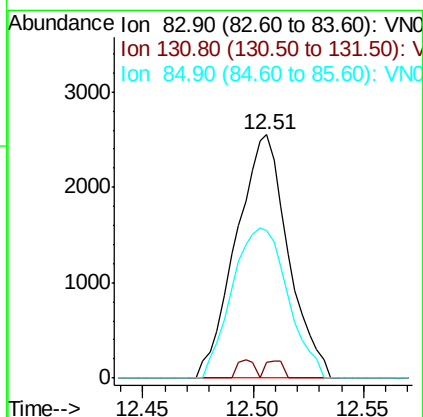
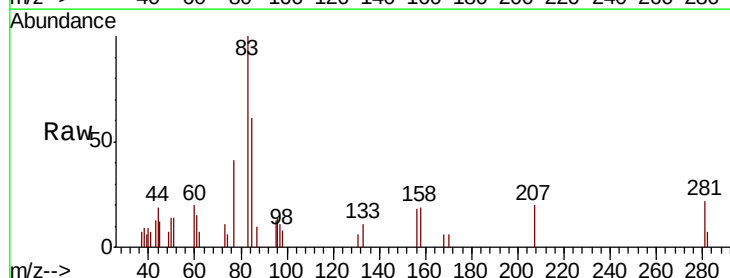
RT: 12.51 min Scan# 3338

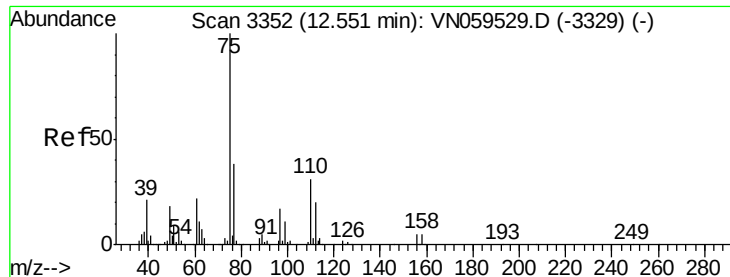
Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Tgt Ion:	83	Resp:	4182
Ion	Ratio	Lower	Upper
83	100		
131	2.4	5.0	14.9#
85	65.9	31.6	95.0





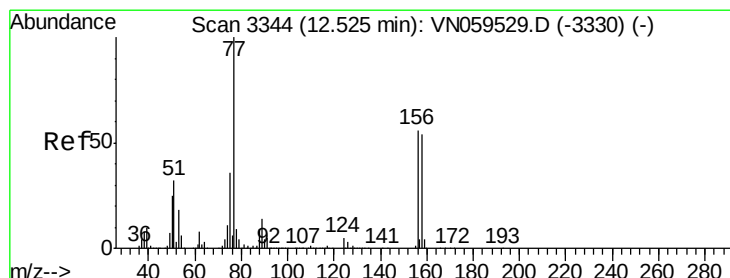
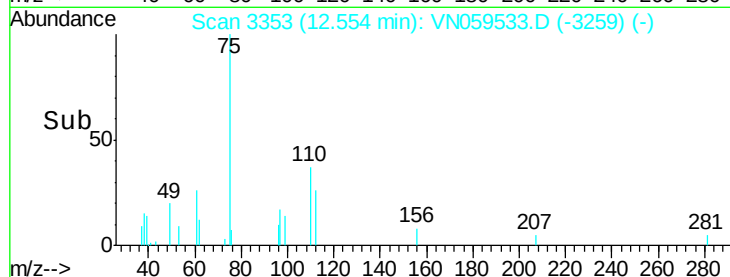
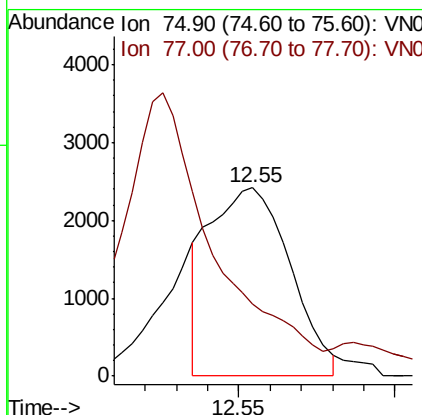
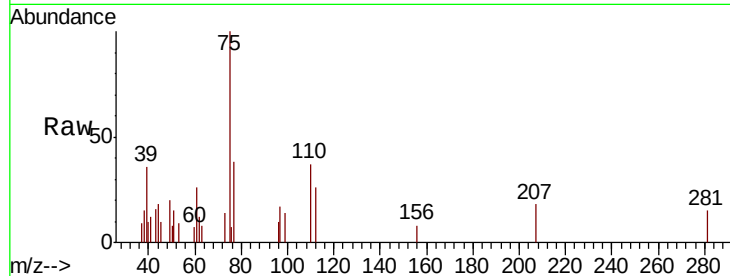
#76
 1,2,3-Trichloropropane
 Concen: 1.084 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

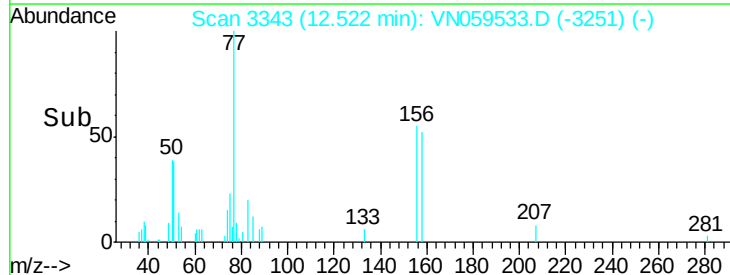
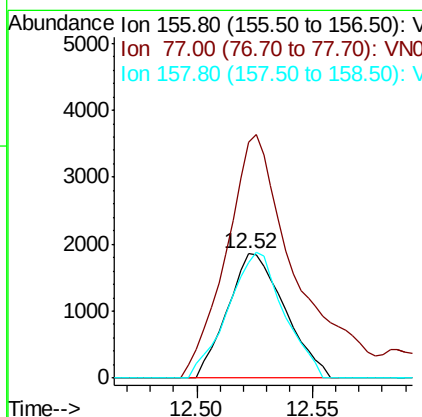
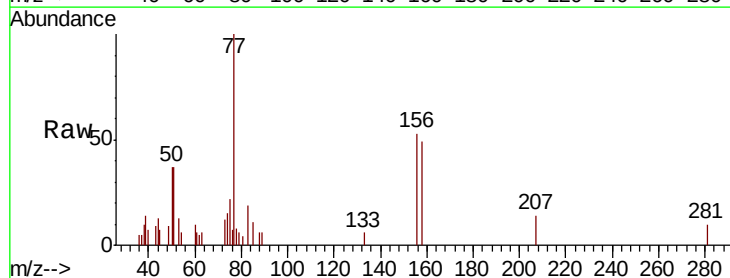
Manual Integrations
 APPROVED

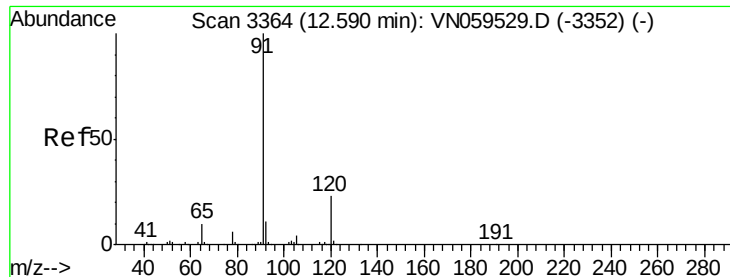
apatel
 12/10/2019 5:10:57 PM



#77
 Bromobenzene
 Concen: 1.002 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
156	100		
77	235.8	109.3	327.8
158	98.7	48.6	145.8





#78

n-propylbenzene

Concen: 0.933 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13761

Ion Ratio Lower Upper

91 100

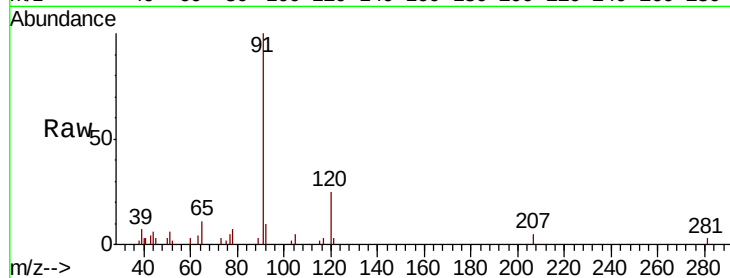
120 22.1 11.4 34.1

Manual Integrations

APPROVED

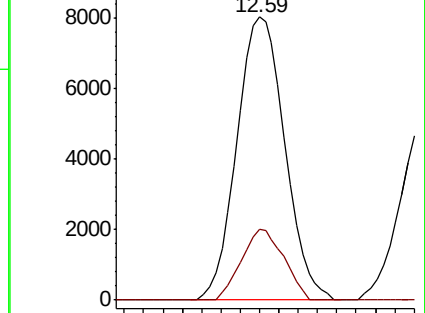
apatel

12/10/2019 5:10:57 PM

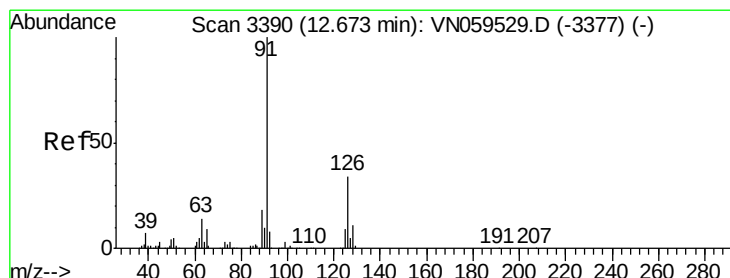
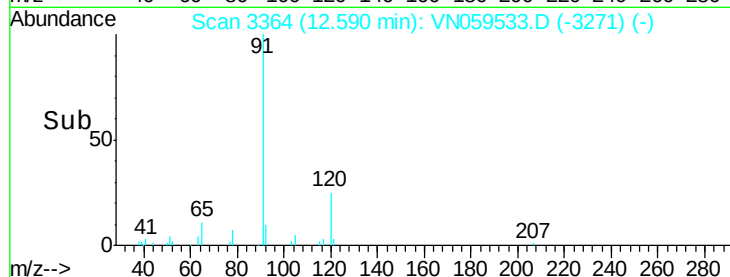


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 0.939 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059533.D

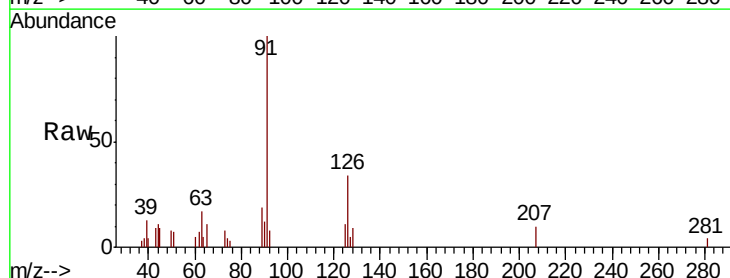
Acq: 9 Dec 2019 17:19

Tgt Ion: 91 Resp: 8359

Ion Ratio Lower Upper

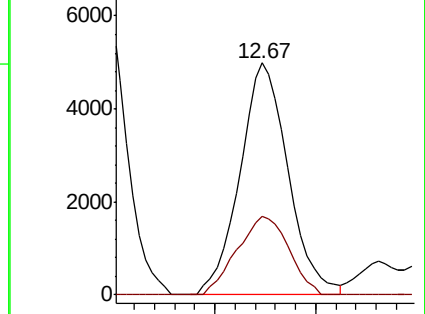
91 100

126 36.2 16.9 50.7

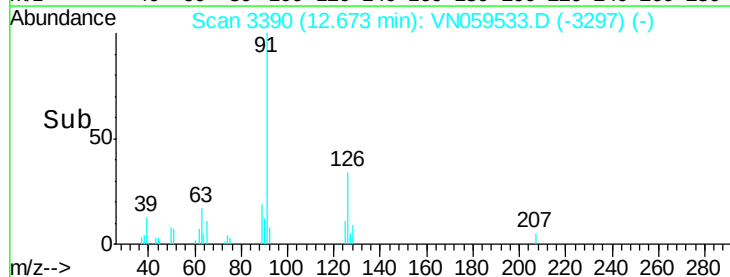


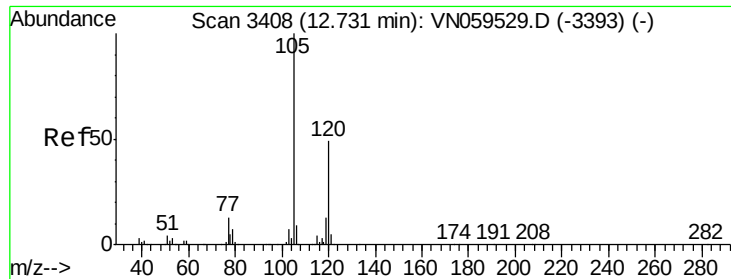
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->





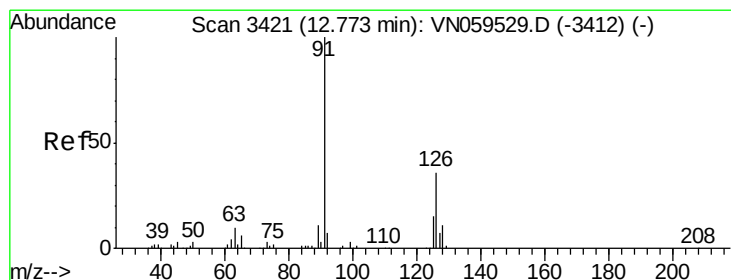
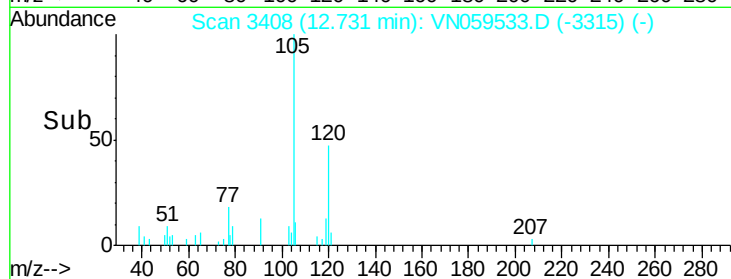
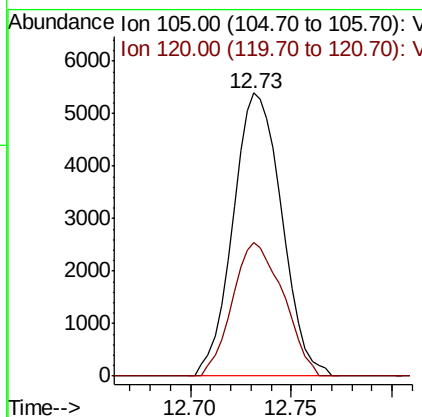
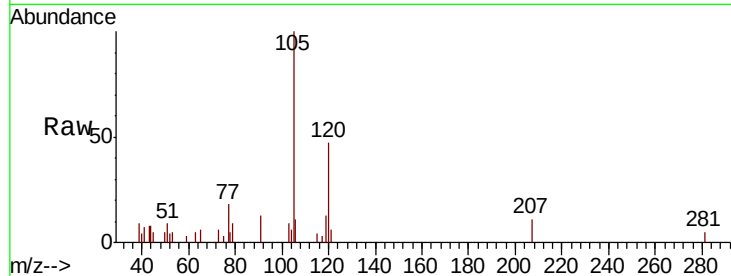
#80
 1,3,5-Trimethylbenzene
 Concen: 0.861 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.5	73.5

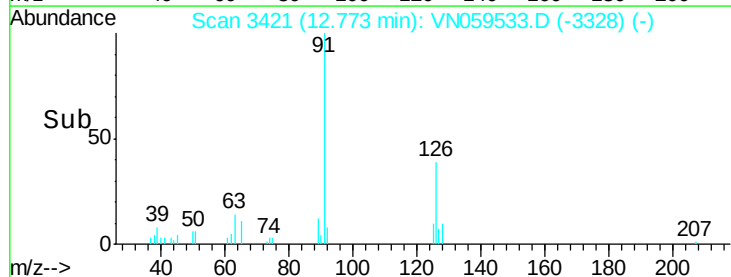
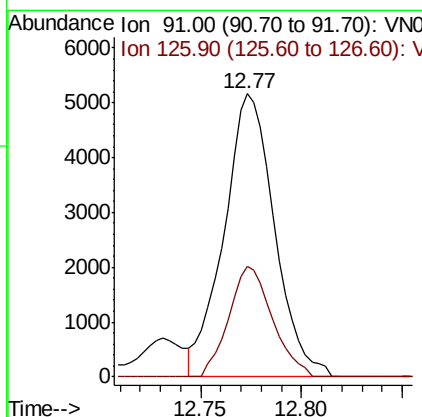
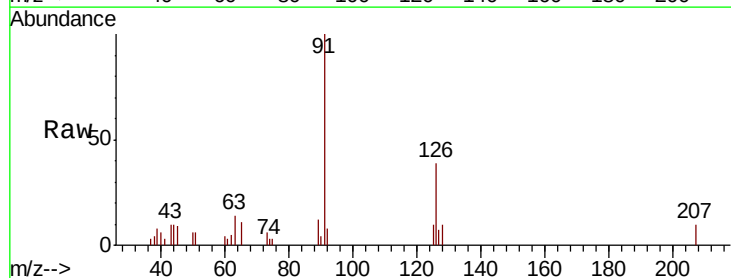
Manual Integrations
 APPROVED

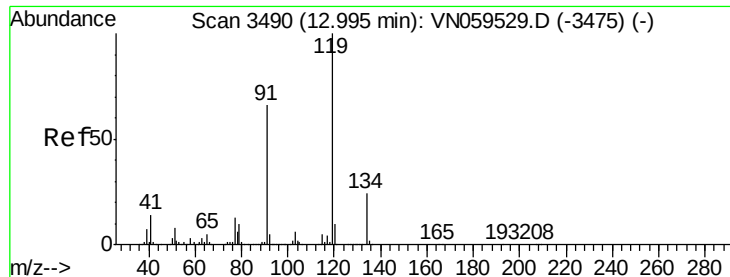
apatel
 12/10/2019 5:10:57 PM



#82
 4-Chlorotoluene
 Concen: 0.978 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.4





#83

tert-Butylbenzene

Concen: 0.854 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

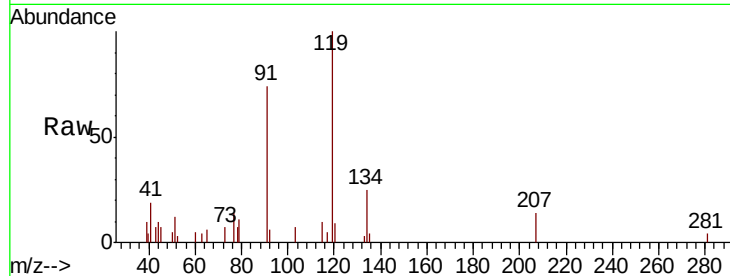
ClientSampleId :

VSTDIC001

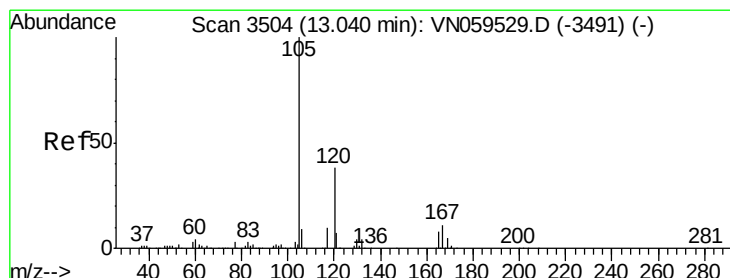
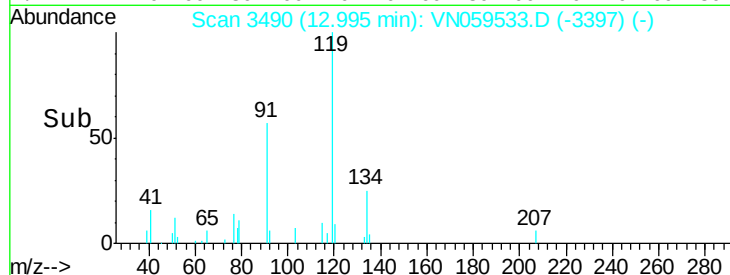
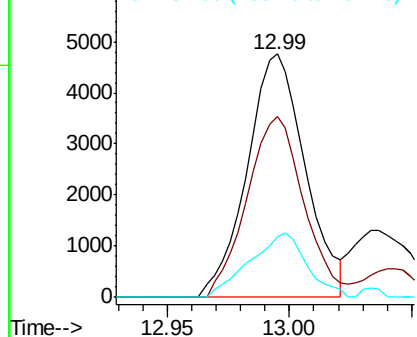
Tot Ion:119	Resp:	7860
Ion Ratio	Lower	Upper
119 100		
91 72.7	32.8	98.4
134 26.0	12.8	38.3

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



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



#84

1,2,4-Trimethylbenzene

Concen: 0.887 ug/l

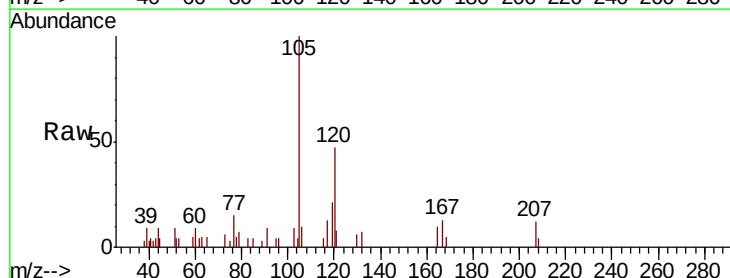
RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

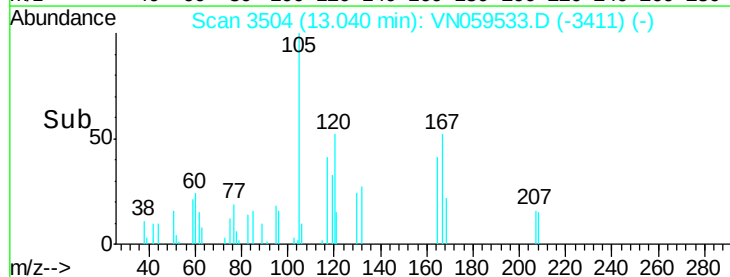
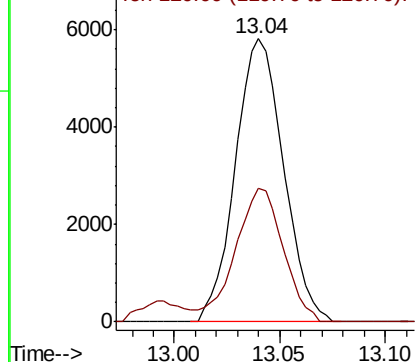
Lab File: VN059533.D

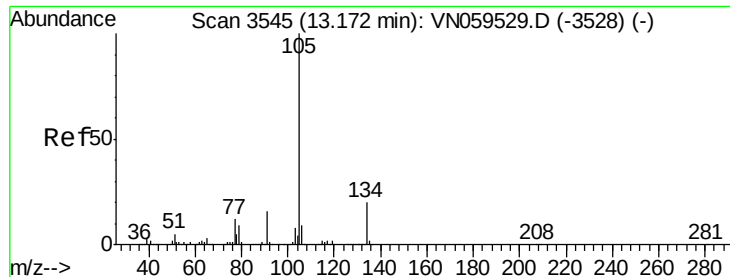
Acq: 9 Dec 2019 17:19

Tgt Ion:105	Resp:	9225
Ion Ratio	Lower	Upper
105 100		
120 47.1	22.8	68.3



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





#85

sec-Butylbenzene

Concen: 0.901 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 11032

Ion Ratio Lower Upper

105 100

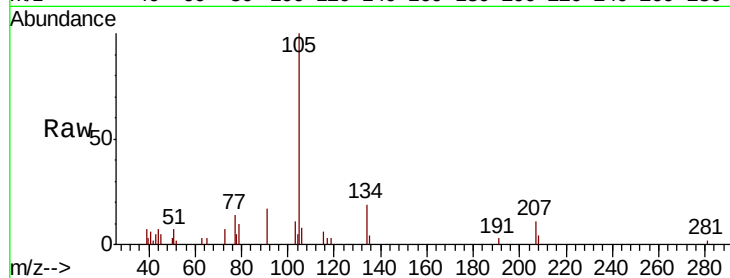
134 18.6 9.8 29.5

Manual Integrations

APPROVED

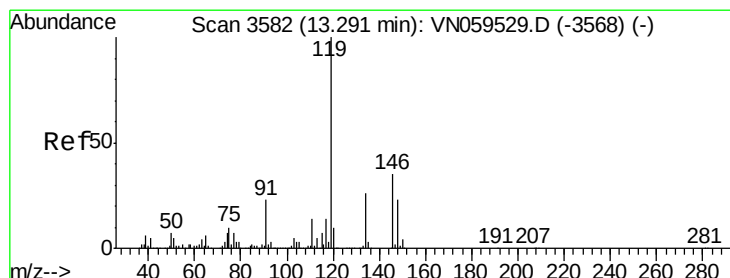
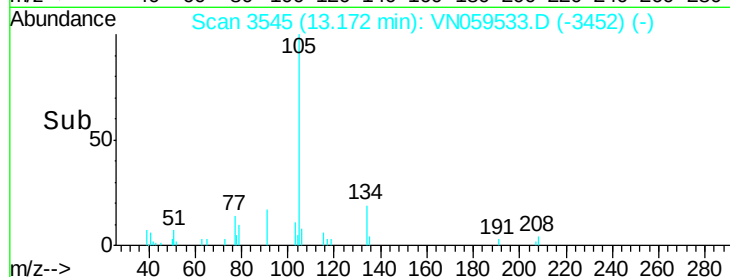
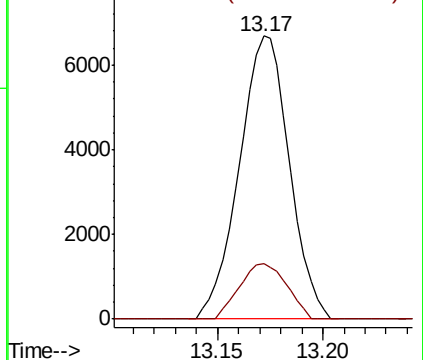
apatel

12/10/2019 5:10:57 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.856 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059533.D

Acq: 9 Dec 2019 17:19

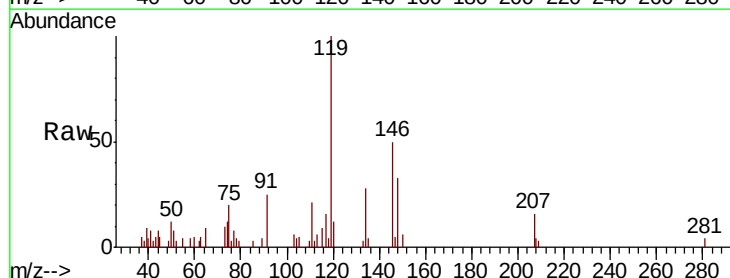
Tgt Ion:119 Resp: 9421

Ion Ratio Lower Upper

119 100

134 28.2 13.0 39.0

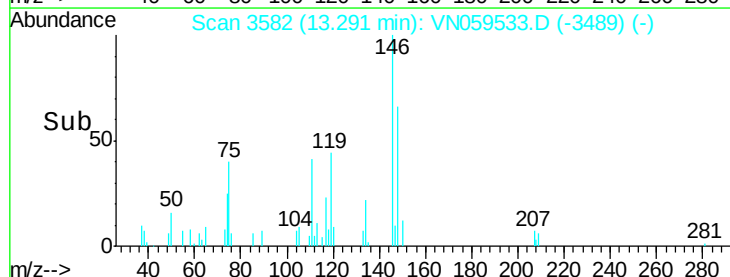
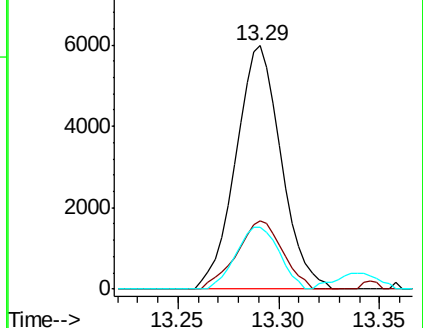
91 24.3 11.7 35.1

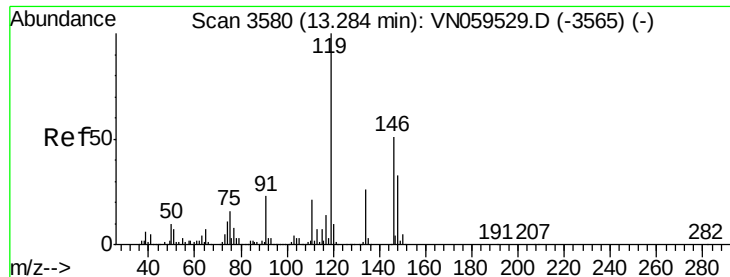


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





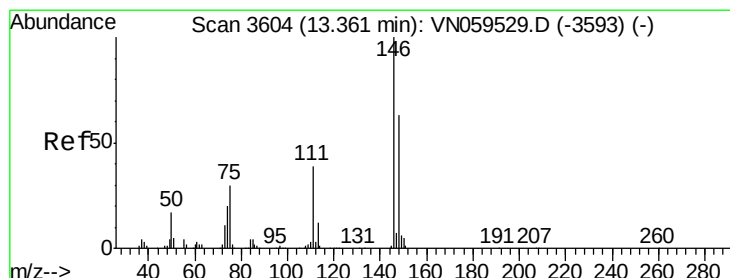
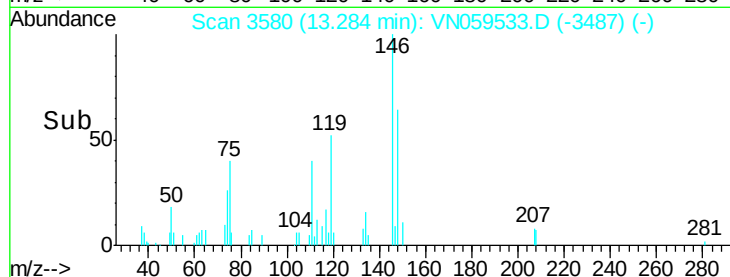
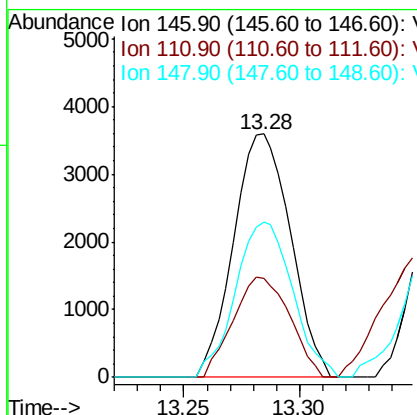
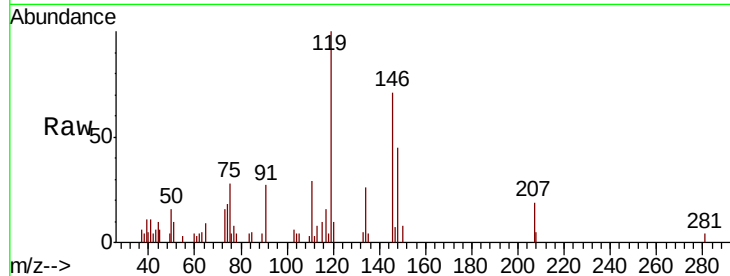
#87
 1,3-Dichlorobenzene
 Concen: 1.083 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	64.0	32.0	96.0

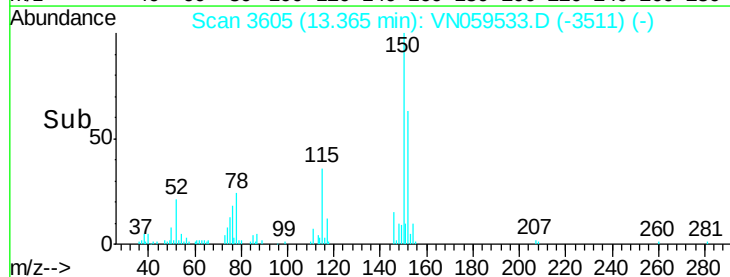
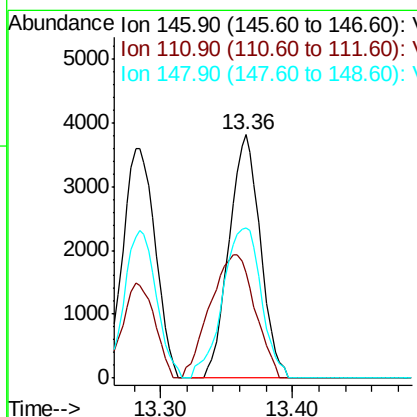
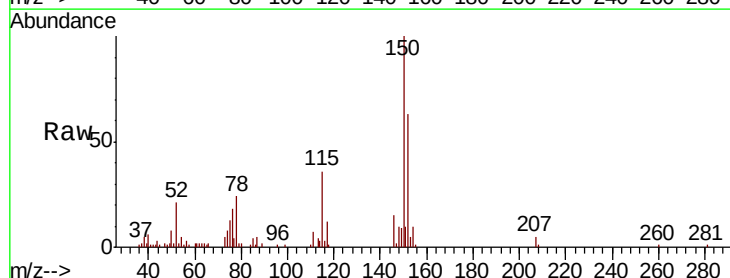
Manual Integrations
 APPROVED

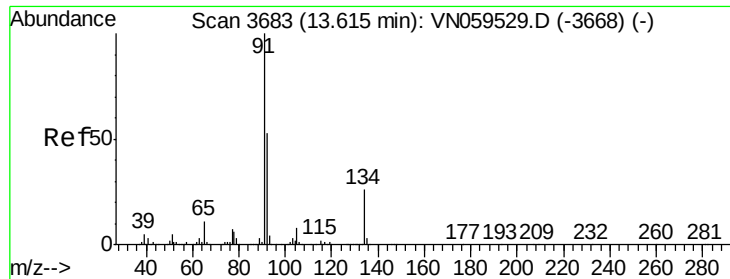
apatel
 12/10/2019 5:10:57 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.104 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	62.2	31.9	95.7





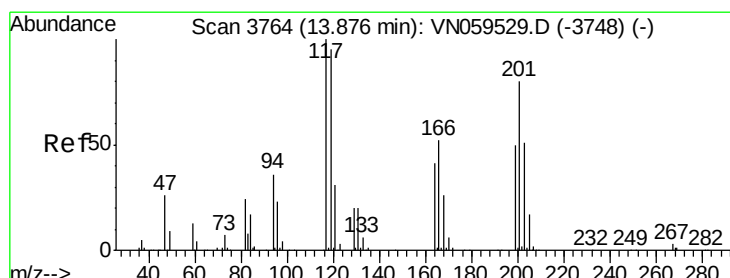
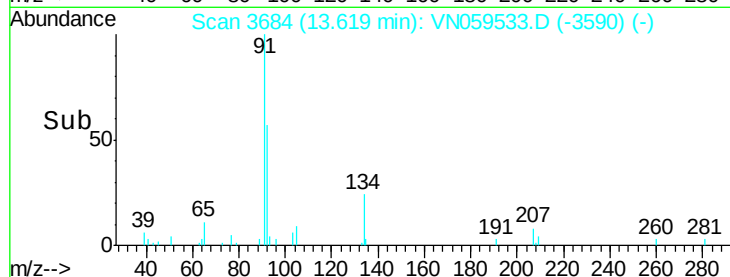
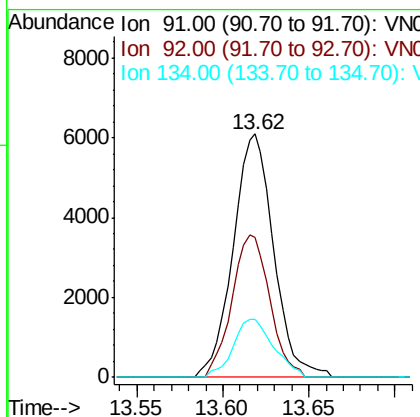
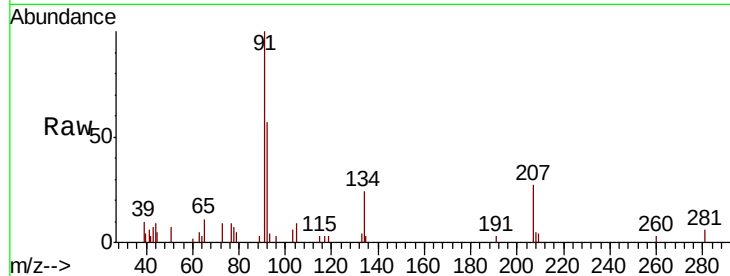
#89
n-Butylbenzene
Concen: 1.011 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.3	78.9
134	23.6	12.8	38.4

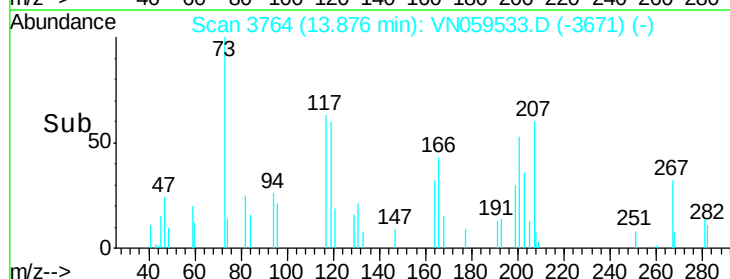
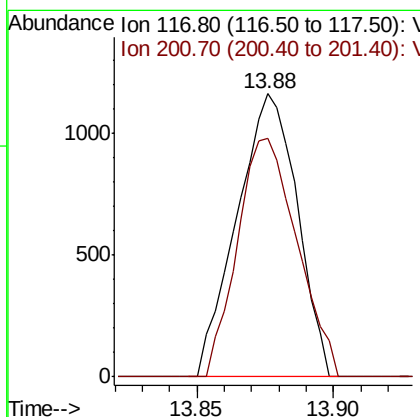
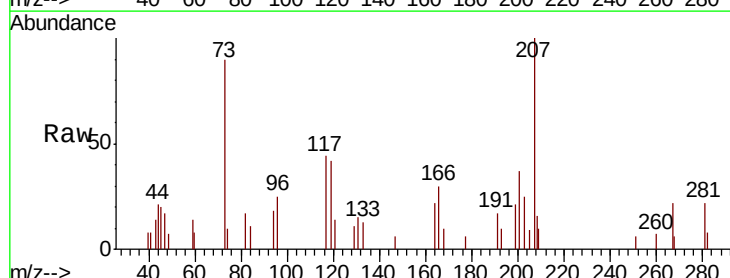
Manual Integrations
APPROVED

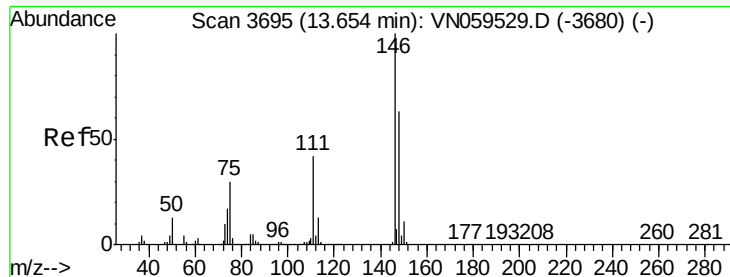
apatel
12/10/2019 5:10:57 PM



#90
Hexachloroethane
Concen: 0.839 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	40.5	121.5





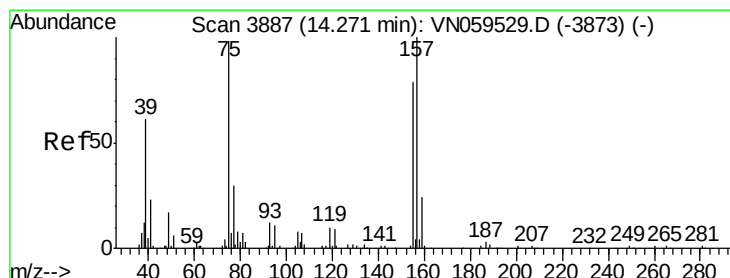
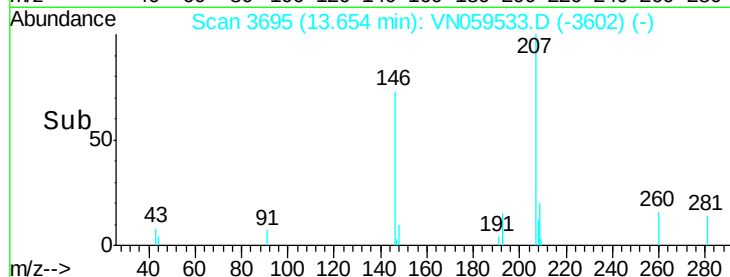
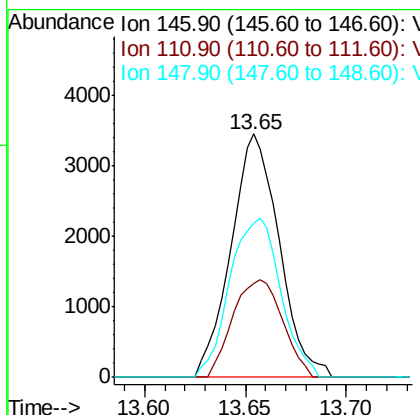
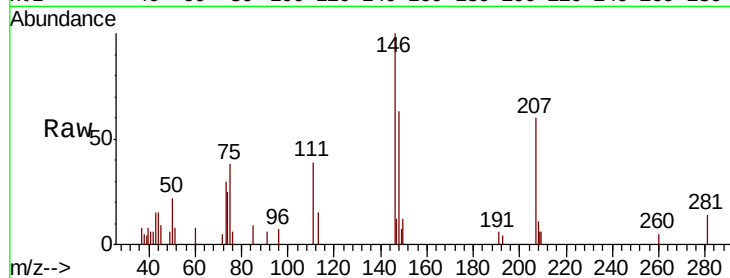
#91
 1,2-Dichlorobenzene
 Concen: 1.066 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.7
148	69.4	31.6	94.8

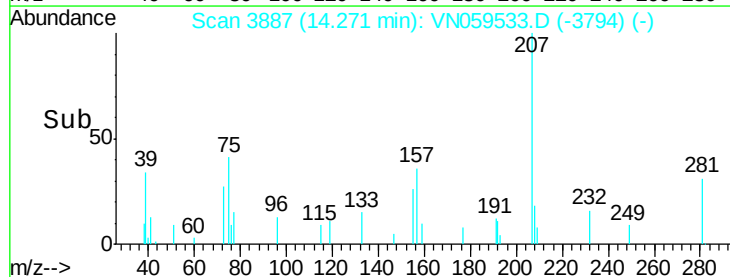
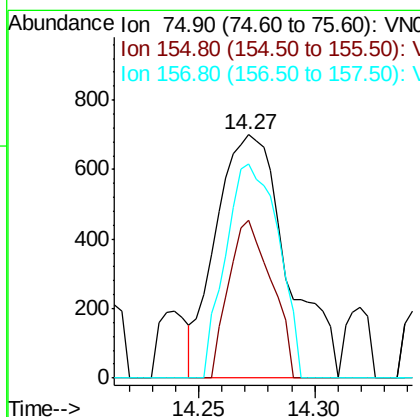
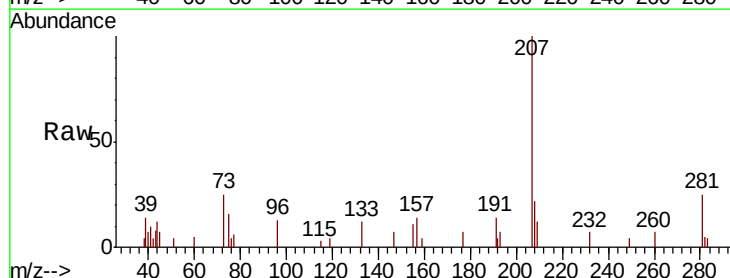
Manual Integrations
 APPROVED

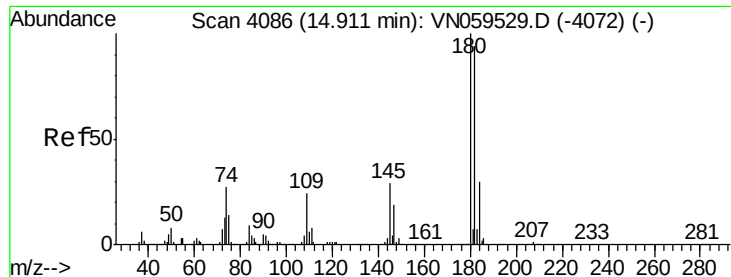
apatel
 12/10/2019 5:10:57 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.522 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	38.8	40.4	121.1#
157	65.2	51.1	153.3





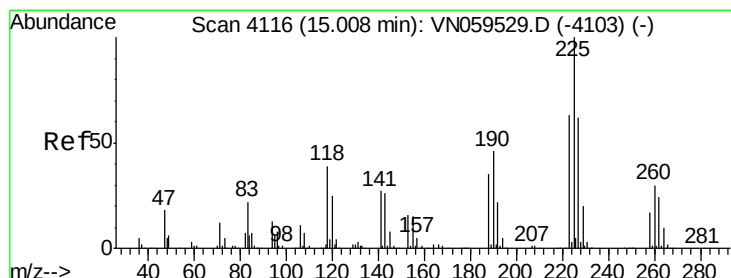
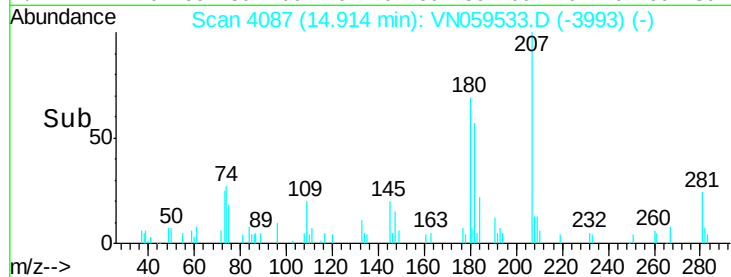
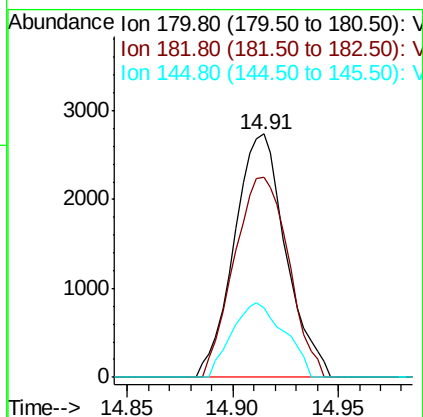
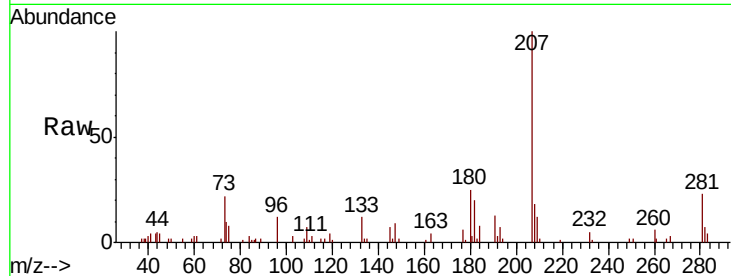
#93
 1,2,4-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.3	142.0
145	31.0	14.9	44.7

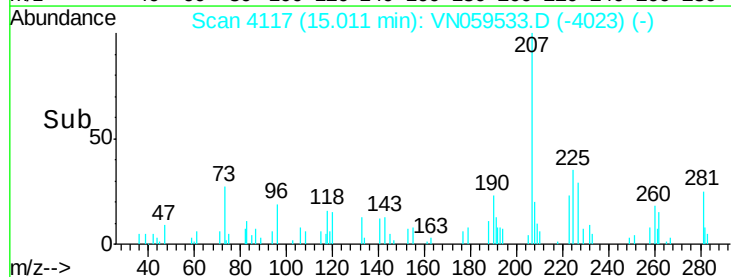
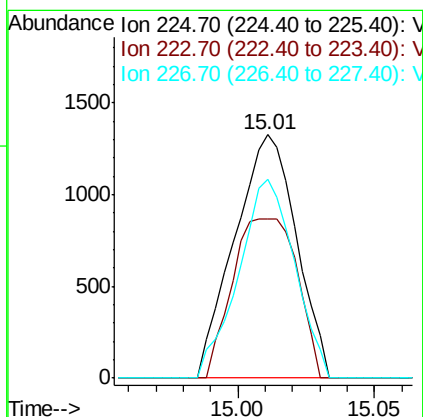
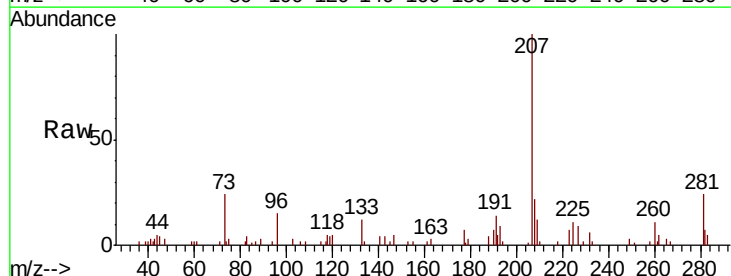
Manual Integrations
 APPROVED

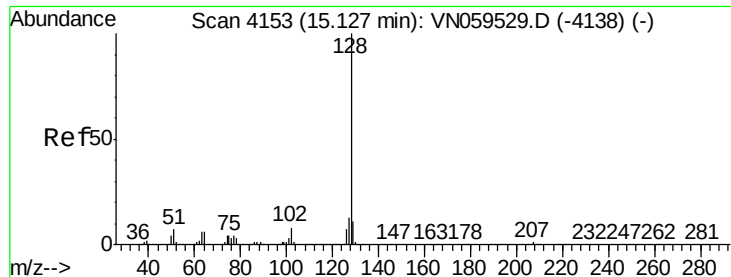
apatel
 12/10/2019 5:10:57 PM



#94
 Hexachlorobutadiene
 Concen: 0.980 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059533.D
 Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.1	31.3	93.9
227	74.2	31.6	95.0





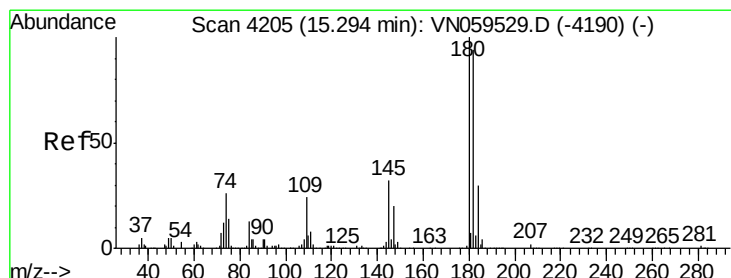
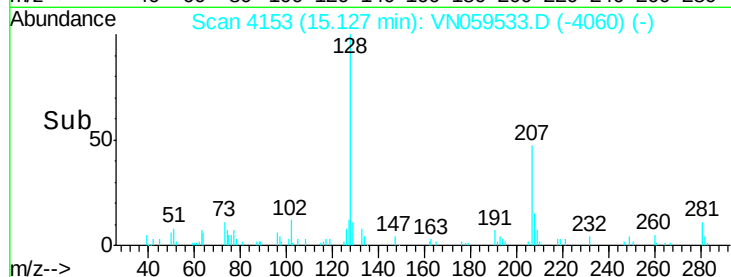
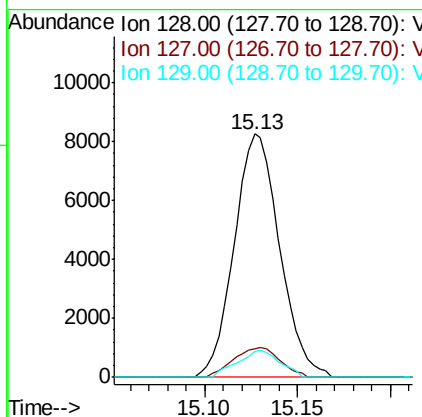
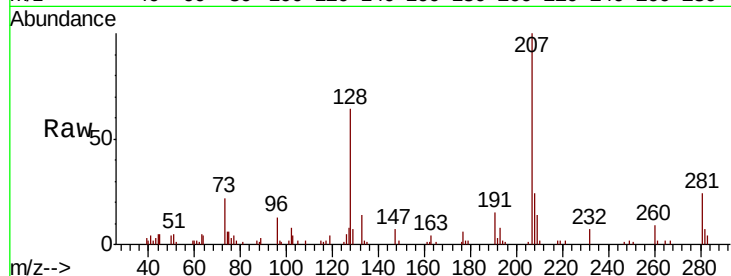
#95
Naphthalene
Concen: 1.406 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.5	8.6	13.0

Manual Integrations
APPROVED

apatel
12/10/2019 5:10:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 1.507 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059533.D
Acq: 9 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.8	47.1	141.4
145	34.6	15.8	47.4

