

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014235.D
 Acq On : 24 Dec 2019 11:09
 Operator : JC/SP
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:21 AM

Quant Time: Dec 25 06:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	525210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	786891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	709008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284946	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.48	113	237472	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	921932	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	328151	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81215	17.285	ug/l	98
3) Chloromethane	1.32	50	111162	17.629	ug/l	98
4) Vinyl Chloride	1.40	62	116539	17.515	ug/l	99
5) Bromomethane	1.63	94	71297	15.097	ug/l	99
6) Chloroethane	1.72	64	76304	18.581	ug/l	93
7) Trichlorofluoromethane	1.92	101	152453	18.509	ug/l	97
8) Diethyl Ether	2.18	74	70567	18.255	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94377	19.008	ug/l	99
10) Methyl Iodide	2.50	142	98567	16.886	ug/l	99
11) Tert butyl alcohol	3.02	59	111495	86.685	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91492	18.109	ug/l	99
13) Acrolein	2.28	56	66581	90.431	ug/l	97
14) Allyl chloride	2.72	41	164916	18.282	ug/l	99
15) Acrylonitrile	3.12	53	289672	96.490	ug/l	98
16) Acetone	2.43	43	336447	87.062	ug/l	99
17) Carbon Disulfide	2.56	76	229277	16.852	ug/l	99
18) Methyl Acetate	2.76	43	147237	19.228	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	312139	18.802	ug/l	96
20) Methylene Chloride	2.84	84	113086	18.583	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	102677	18.447	ug/l	99
22) Diisopropyl ether	3.84	45	344894	19.187	ug/l	99
23) Vinyl Acetate	3.80	43	1403080	95.648	ug/l	100
24) 1,1-Dichloroethane	3.69	63	185495	18.548	ug/l	100
25) 2-Butanone	4.65	43	440906	92.541	ug/l	97
26) 2,2-Dichloropropane	4.57	77	141814	18.264	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	115776	18.392	ug/l	98
28) Bromochloromethane	5.00	49	81075	21.342	ug/l	96
29) Tetrahydrofuran	5.11	42	251284	94.295	ug/l	99
30) Chloroform	5.20	83	177909	18.765	ug/l	99
31) Cyclohexane	5.56	56	166017	18.664	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	146215	18.096	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133736	18.523	ug/l	99
37) Ethyl Acetate	4.81	43	151529	19.005	ug/l	99
38) Carbon Tetrachloride	5.77	117	126920	19.296	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014235.D
 Acq On : 24 Dec 2019 11:09
 Operator : JC/SP
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224WBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:21 AM

Quant Time: Dec 25 06:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169548	19.018	ug/l	97
40) Benzene	6.13	78	418929	18.857	ug/l	98
41) Methacrylonitrile	5.02	41	82249	18.592	ug/l	100
42) 1,2-Dichloroethane	6.18	62	144515	19.190	ug/l	98
43) Isopropyl Acetate	6.43	43	245629	18.615	ug/l	100
44) Trichloroethene	7.20	130	112185	18.283	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109598	19.248	ug/l	100
46) Dibromomethane	7.65	93	70114	18.624	ug/l	99
47) Bromodichloromethane	7.89	83	134727	19.002	ug/l	98
48) Methyl methacrylate	7.76	41	120483	18.647	ug/l	99
49) 1,4-Dioxane	7.73	88	50109	381.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	788743	95.181	ug/l	99
52) Toluene	8.78	92	262142	18.669	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	145852	18.761	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	165666	19.127	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108141	19.215	ug/l	99
56) Ethyl methacrylate	9.17	69	165986	18.776	ug/l	99
57) 1,3-Dichloropropane	9.36	76	182272	19.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	333050	99.551	ug/l	99
59) 2-Hexanone	9.48	43	625992	93.840	ug/l	99
60) Dibromochloromethane	9.57	129	106882	19.106	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112962	19.618	ug/l	99
64) Tetrachloroethene	9.33	164	127127	20.263	ug/l	94
65) Chlorobenzene	10.14	112	285252	18.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	103207	19.174	ug/l	98
67) Ethyl Benzene	10.25	91	490659	18.931	ug/l	100
68) m/p-Xylenes	10.35	106	370048	37.122	ug/l	97
69) o-Xylene	10.70	106	179860	18.397	ug/l	98
70) Styrene	10.71	104	307672	18.611	ug/l	100
71) Bromoform	10.85	173	77518	17.916	ug/l #	100
73) Isopropylbenzene	11.01	105	482802	19.644	ug/l	99
74) N-amyl acetate	10.89	43	210744	18.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159424	18.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133374m	17.599	ug/l	
77) Bromobenzene	11.25	156	124482	18.408	ug/l	98
78) n-propylbenzene	11.35	91	545698	19.794	ug/l	100
79) 2-Chlorotoluene	11.42	91	320917	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	402700	19.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47972	17.867	ug/l	94
82) 4-Chlorotoluene	11.51	91	370320	19.050	ug/l	99
83) tert-Butylbenzene	11.76	119	376556	18.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400017	19.311	ug/l	100
85) sec-Butylbenzene	11.94	105	470842	19.813	ug/l	99
86) p-Isopropyltoluene	12.06	119	423450	19.480	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217343	18.339	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	220243	18.276	ug/l	99
89) n-Butylbenzene	12.38	91	361613	19.496	ug/l	99
90) Hexachloroethane	12.59	117	71965	18.431	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218566	18.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32622	17.300	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122419\
Data File : VX014235.D
Acq On : 24 Dec 2019 11:09
Operator : JC/SP
Sample : VX1224WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

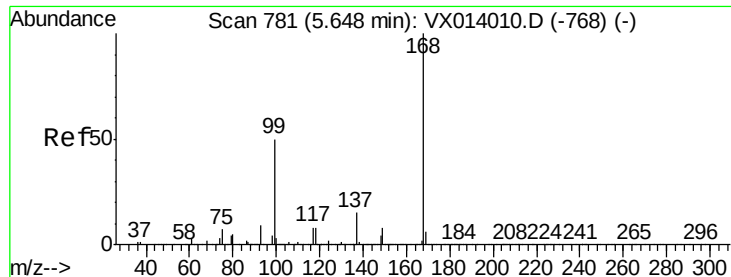
Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM

Quant Time: Dec 25 06:10:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143499	18.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	72712	19.511	ug/l	97
95) Naphthalene	13.83	128	423778	18.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143098	18.694	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:168 Resp: 525210

Ion Ratio Lower Upper

168 100

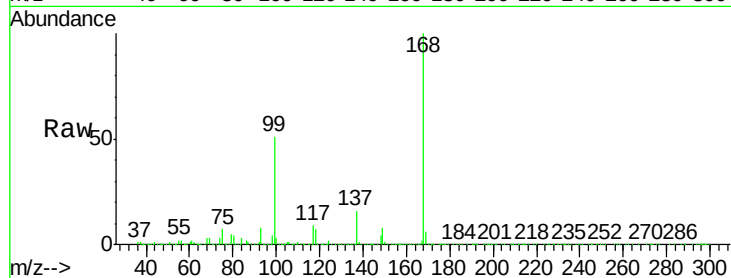
99 51.0 40.3 60.5

Manual Integrations

APPROVED

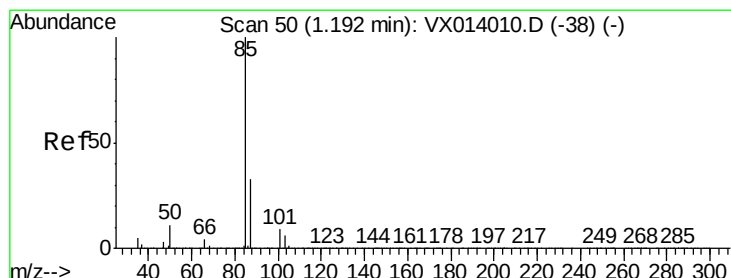
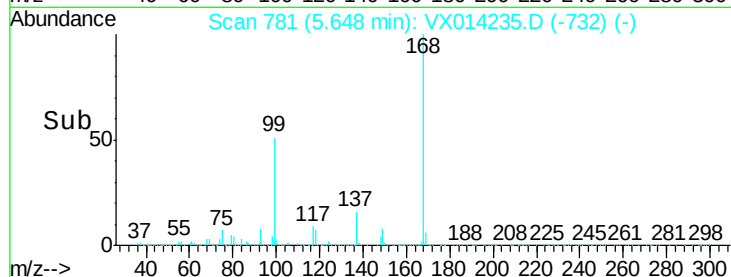
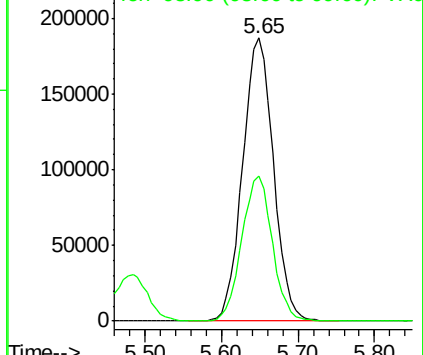
apatel

12/26/2019 9:24:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.285 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014235.D

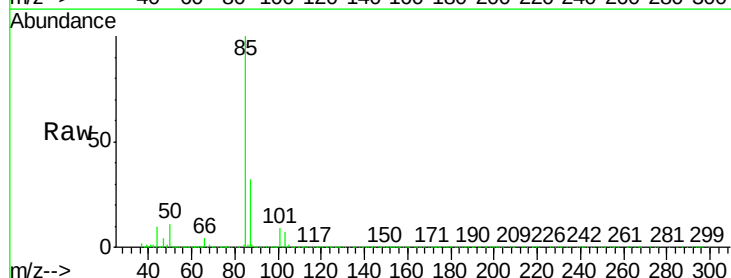
Acq: 24 Dec 2019 11:09

Tgt Ion: 85 Resp: 81215

Ion Ratio Lower Upper

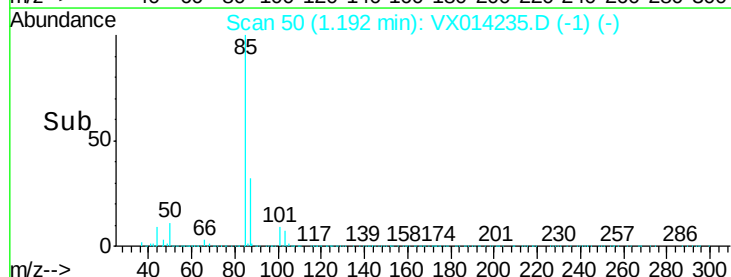
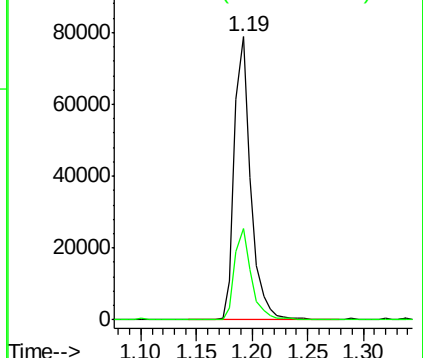
85 100

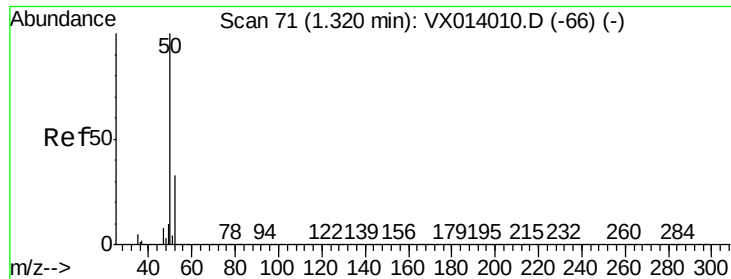
87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.629 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 50 Resp: 111162

Ion Ratio Lower Upper

50 100

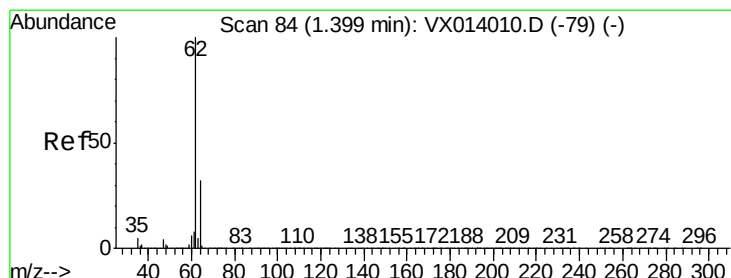
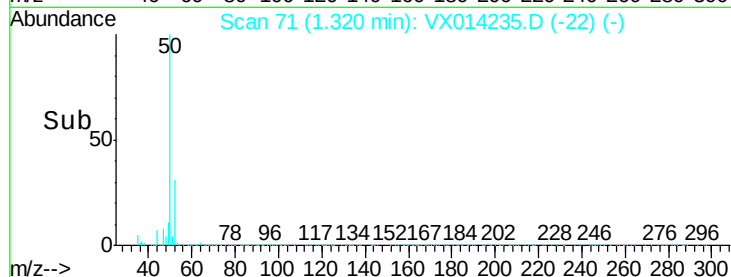
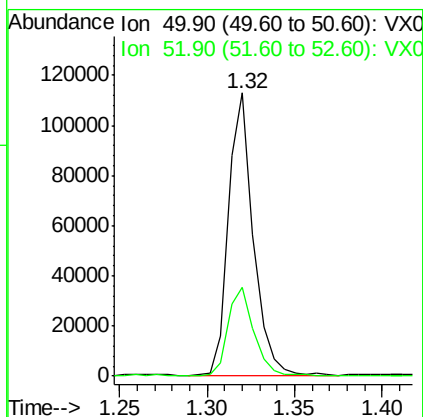
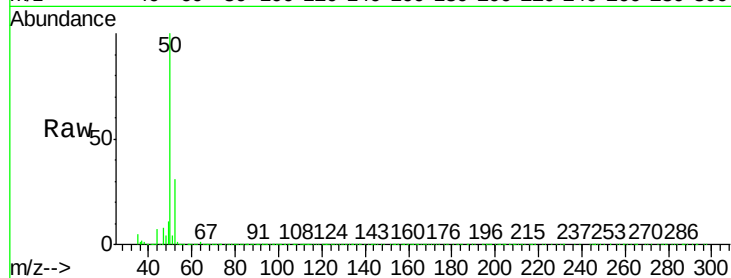
52 31.4 26.2 39.4

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#4

Vinyl Chloride

Concen: 17.515 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014235.D

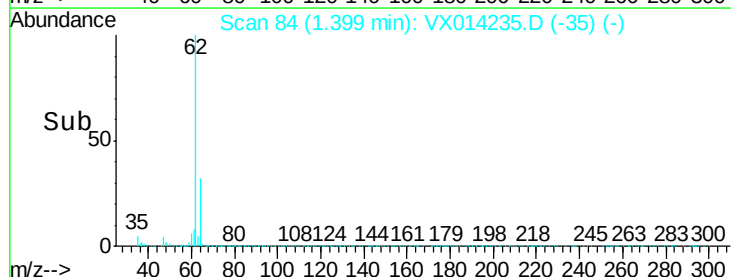
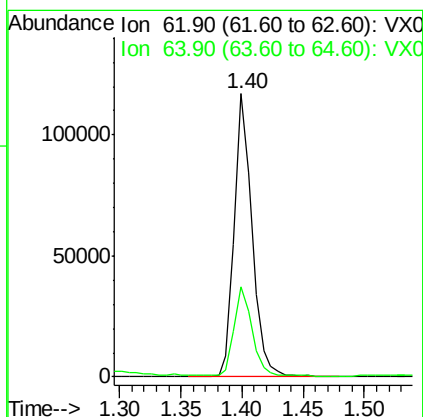
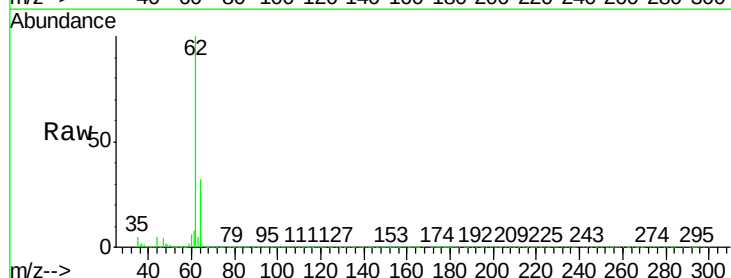
Acq: 24 Dec 2019 11:09

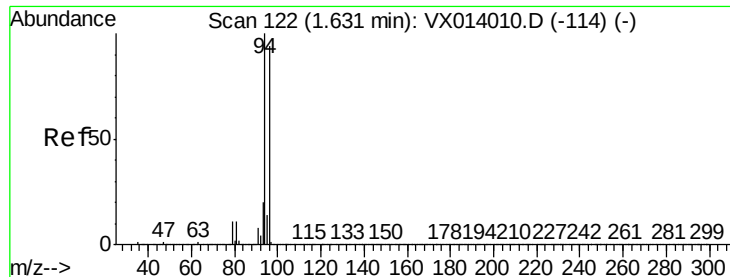
Tgt Ion: 62 Resp: 116539

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 15.097 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 94 Resp: 71297

Ion Ratio Lower Upper

94 100

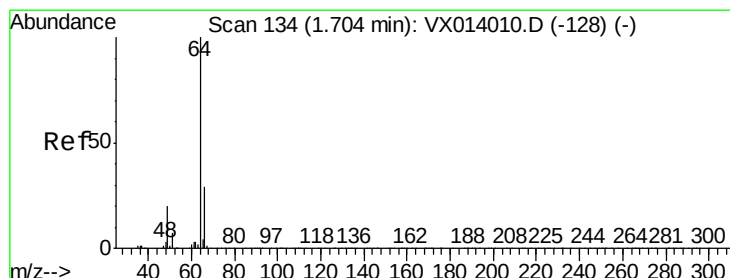
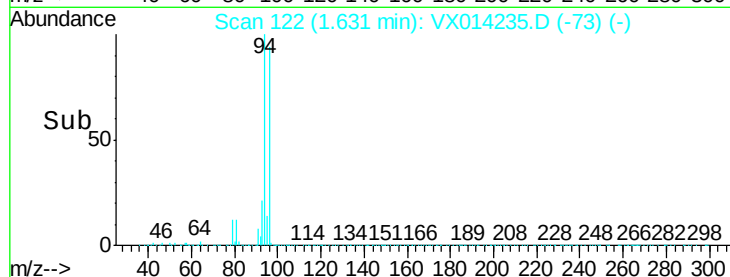
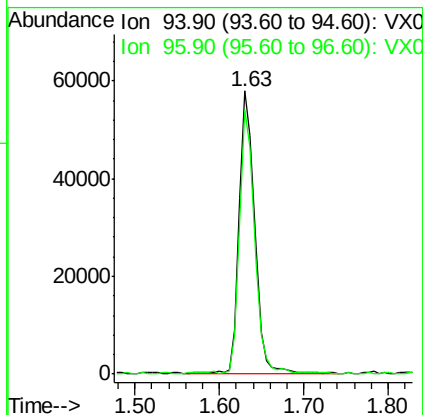
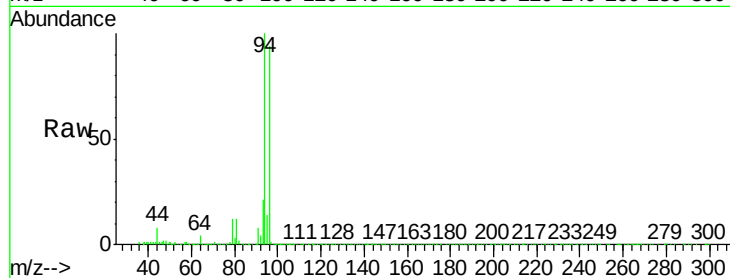
96 93.4 75.2 112.8

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#6

Chloroethane

Concen: 18.581 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014235.D

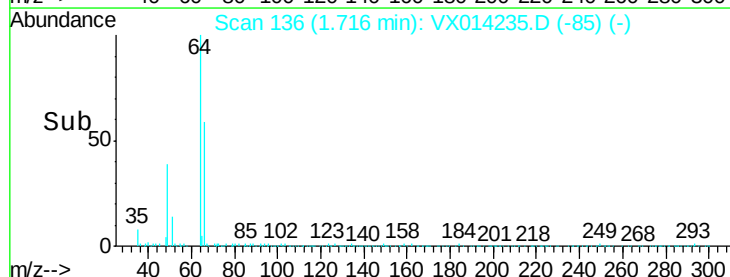
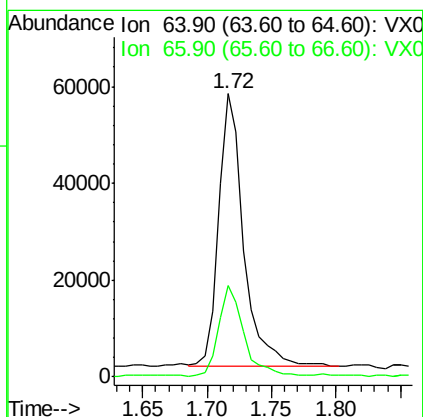
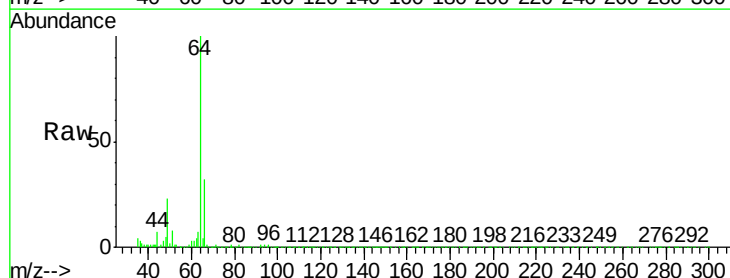
Acq: 24 Dec 2019 11:09

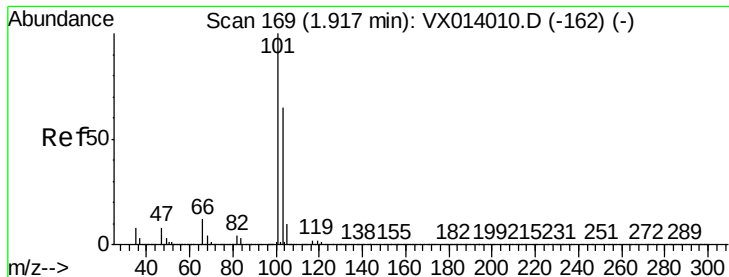
Tgt Ion: 64 Resp: 76304

Ion Ratio Lower Upper

64 100

66 33.1 23.4 35.2





#7

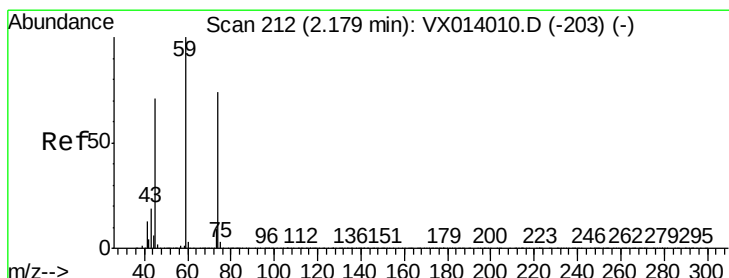
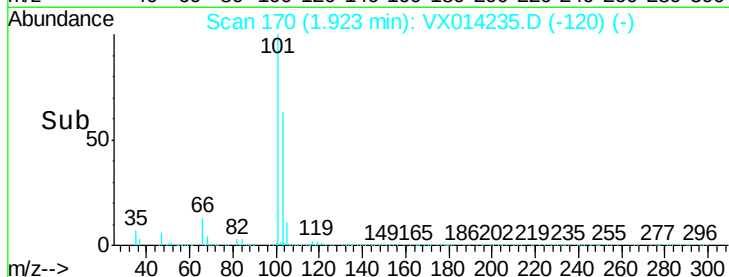
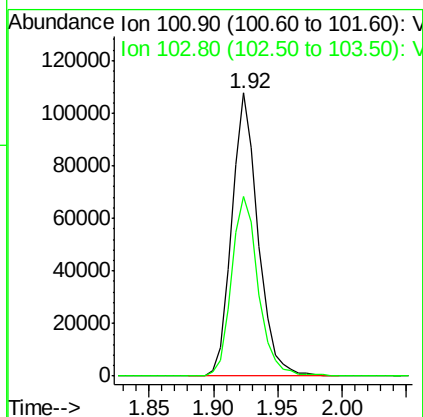
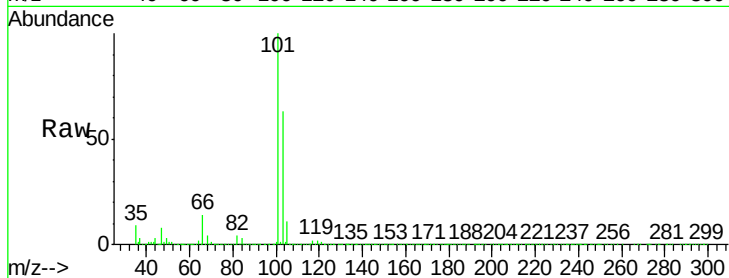
Trichlorofluoromethane
Concen: 18.509 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
103	63.3	52.2	78.4

Manual Integrations
APPROVED

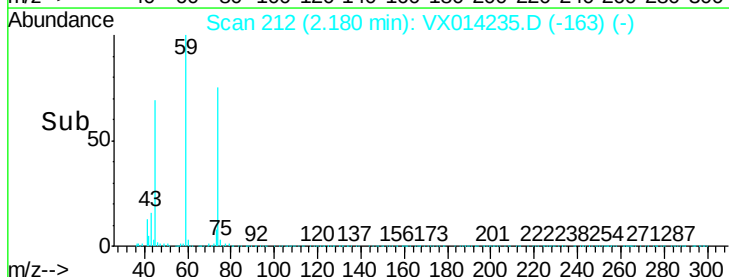
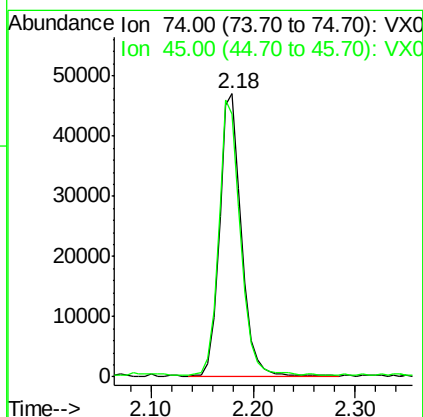
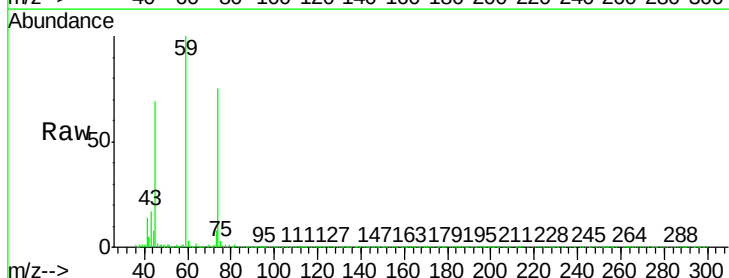
apatel
12/26/2019 9:24:21 AM

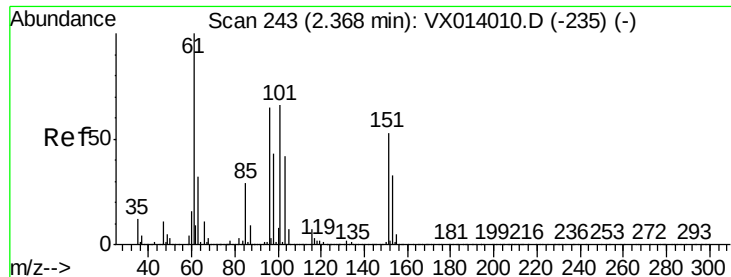


#8

Diethyl Ether
Concen: 18.255 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp Lower	Upper
74	100		
45	95.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.008 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

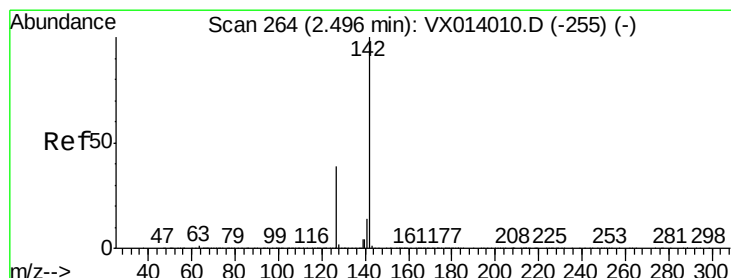
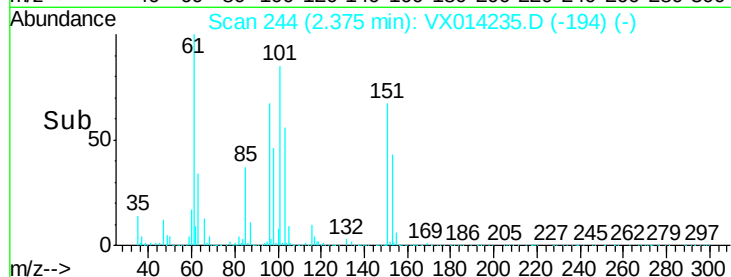
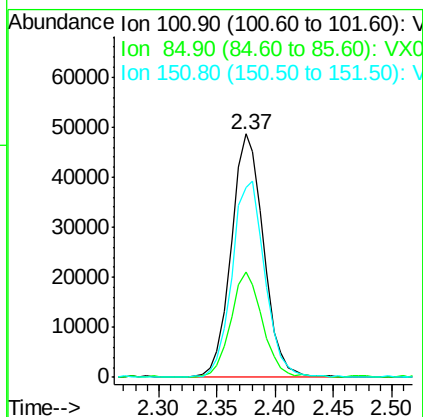
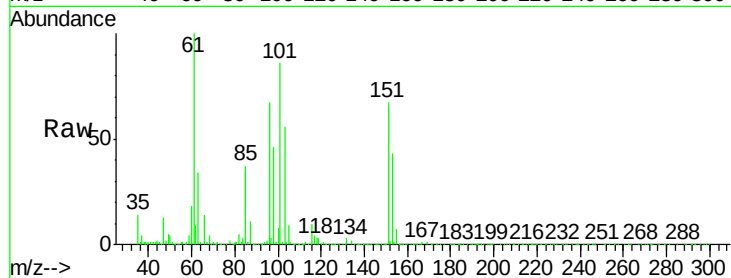
ClientSampleId :

VX1224WBS01

Tot Ion:	101	Resp:	94377
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	82.2	64.5	96.7

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#10

Methyl Iodide

Concen: 16.886 ug/l

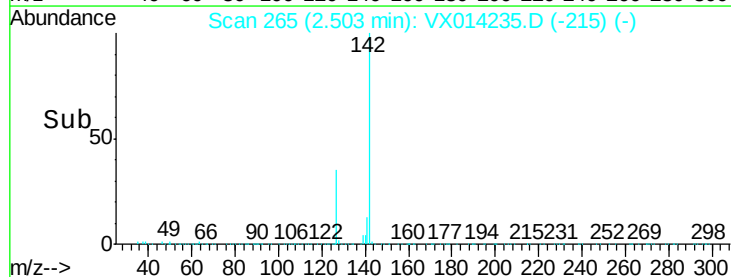
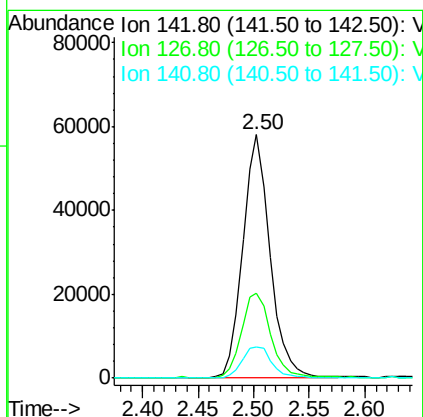
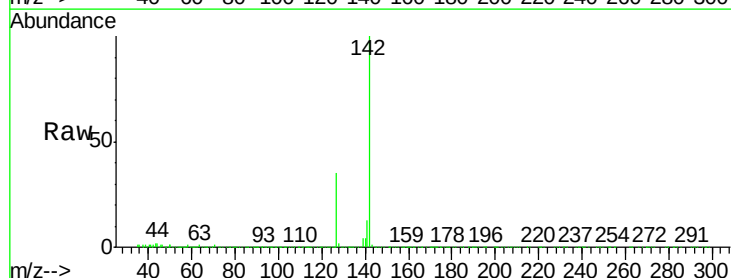
RT: 2.50 min Scan# 265

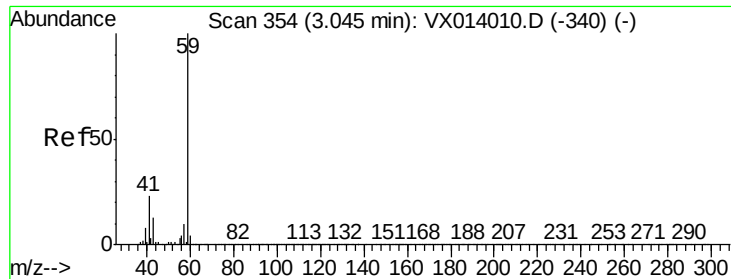
Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	142	Resp:	98567
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.6	47.4
141	14.1	11.6	17.4





#11

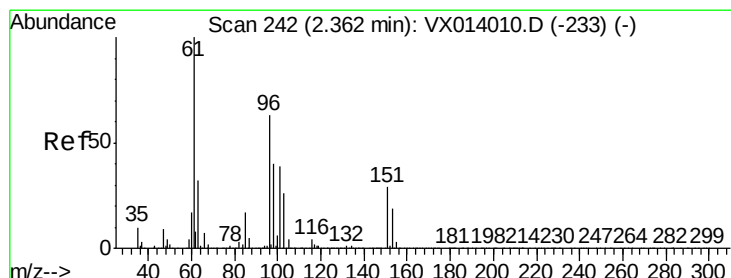
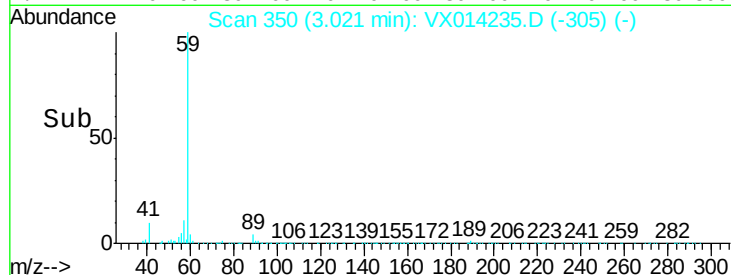
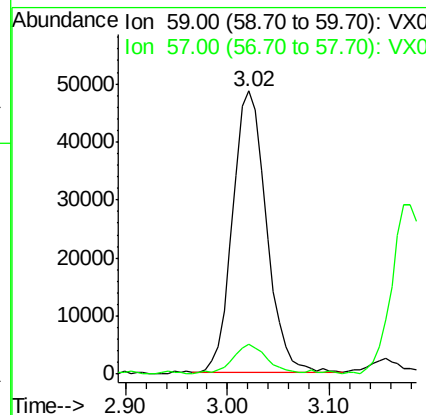
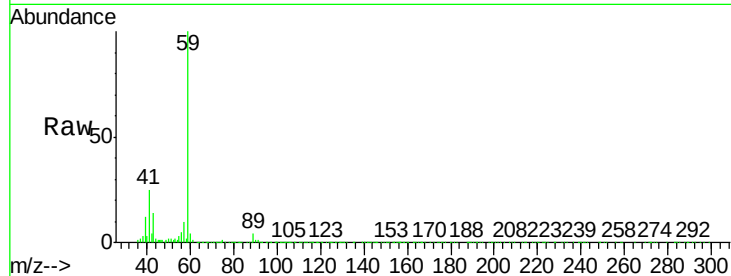
Tert butyl alcohol
Concen: 86.685 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
APPROVED

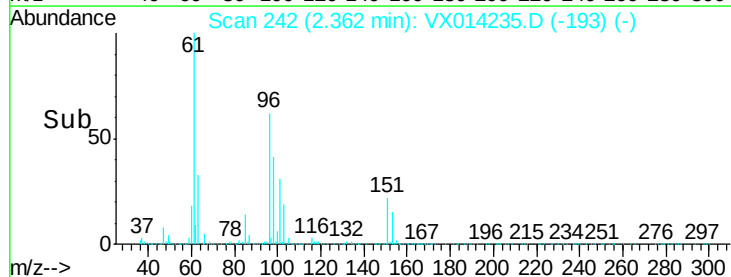
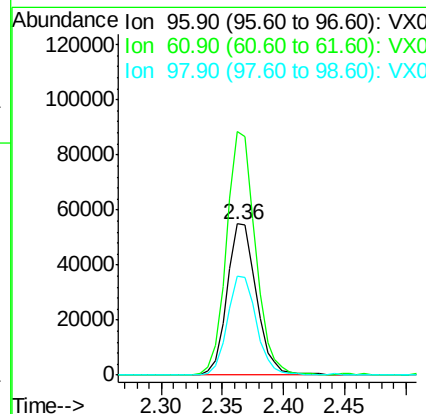
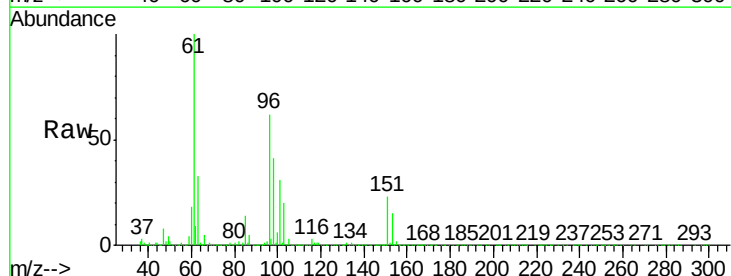
apatel
12/26/2019 9:24:21 AM

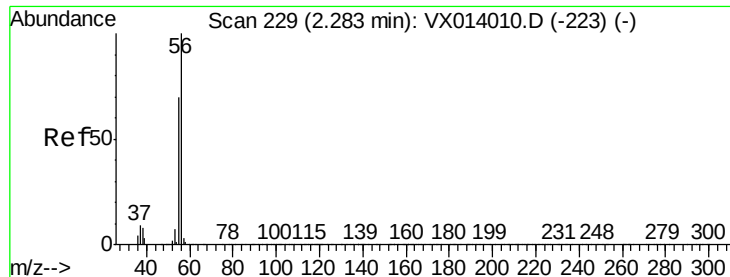


#12

1,1-Dichloroethene
Concen: 18.109 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	127.9	191.9
98	65.5	50.5	75.7





#13

Acrolein

Concen: 90.431 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 56 Resp: 66581

Ion Ratio Lower Upper

56 100

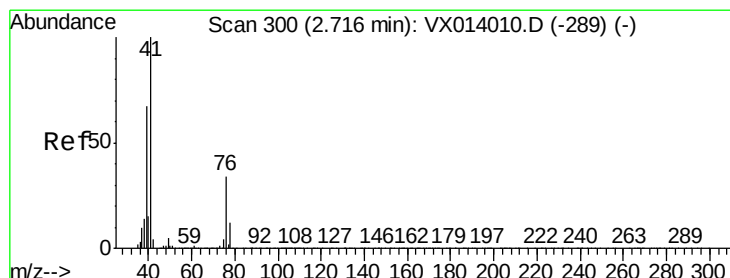
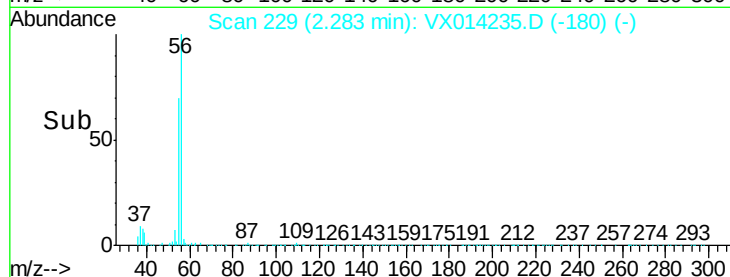
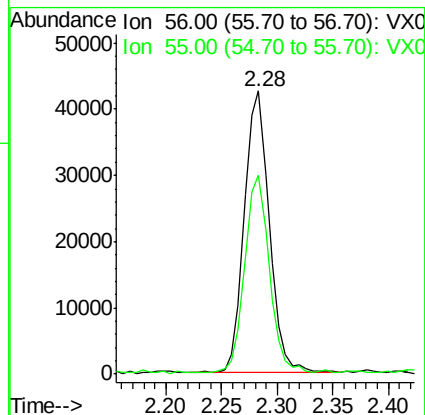
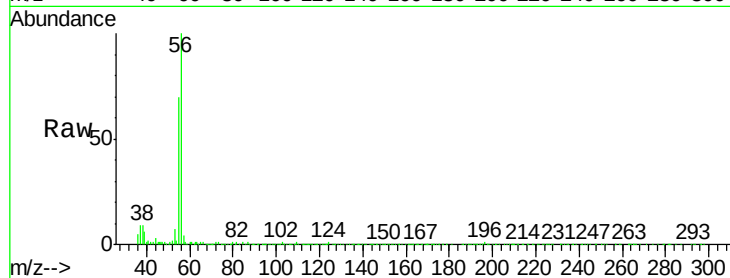
55 68.8 56.9 85.3

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#14

Allyl chloride

Concen: 18.282 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

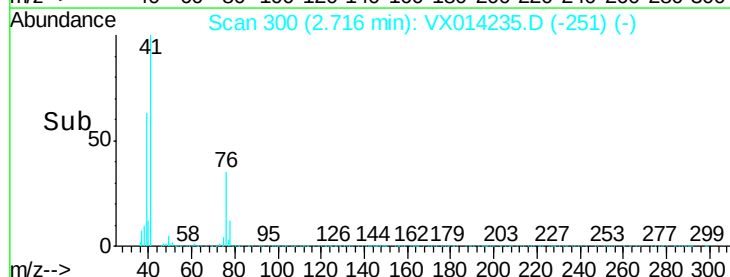
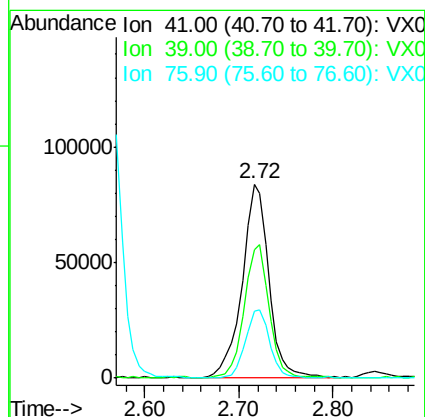
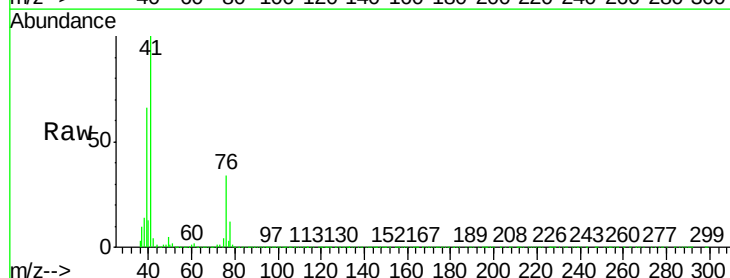
Tgt Ion: 41 Resp: 164916

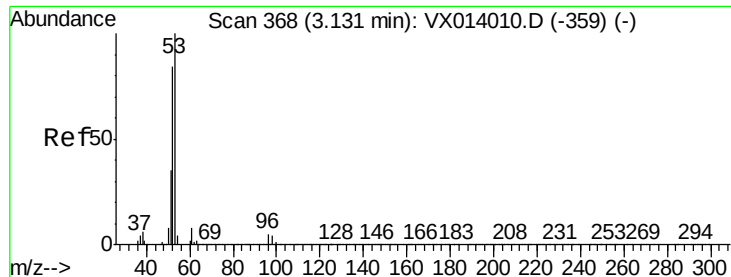
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.8

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 96.490 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

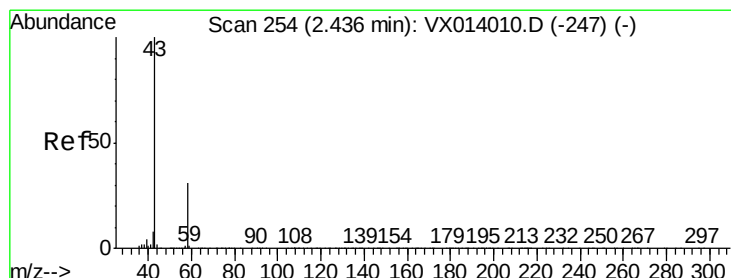
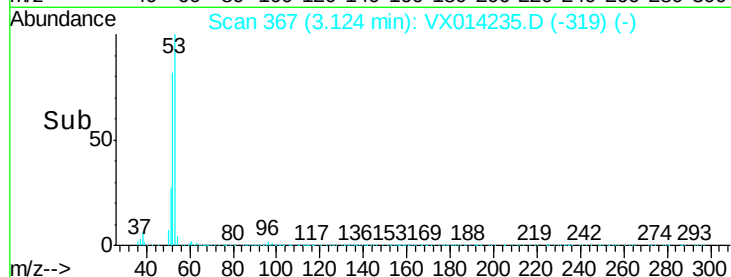
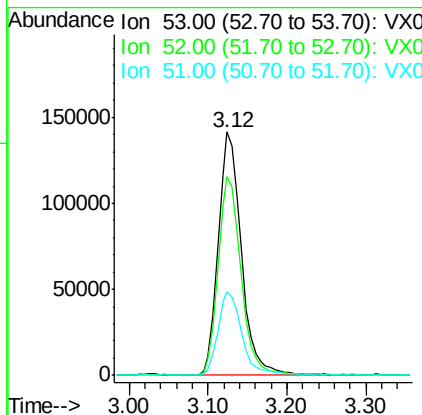
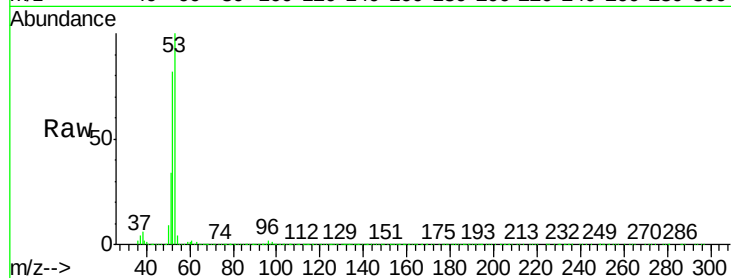
ClientSampleId :

VX1224WBS01

Tot Ion:	53	Resp:	289672
Ion Ratio		Lower	Upper
53	100		
52	80.8	66.5	99.7
51	35.1	28.1	42.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#16

Acetone

Concen: 87.062 ug/l

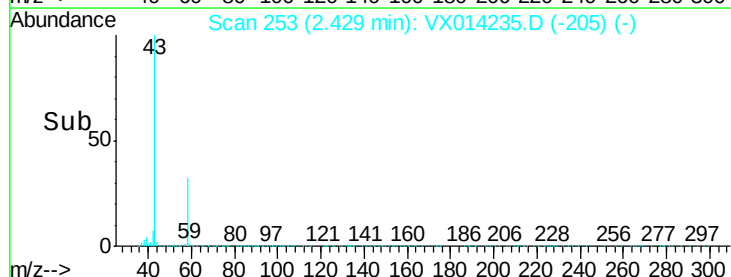
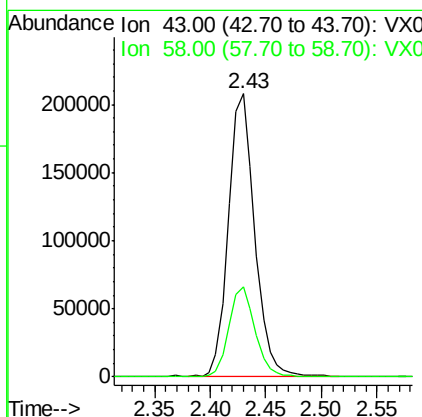
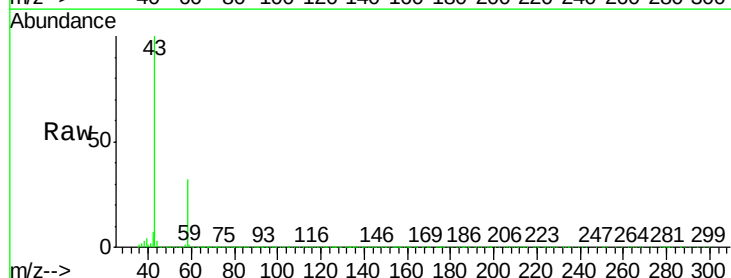
RT: 2.43 min Scan# 253

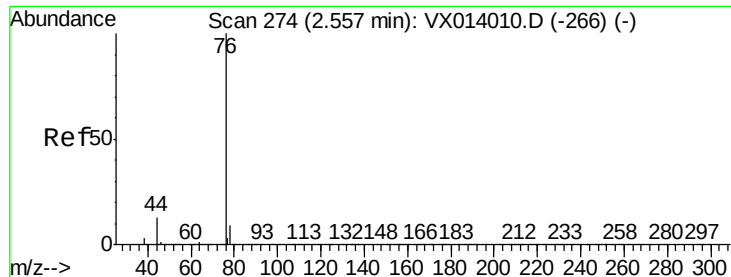
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	43	Resp:	336447
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.9	37.3





#17

Carbon Disulfide

Concen: 16.852 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 76 Resp: 229277

Ion Ratio Lower Upper

76 100

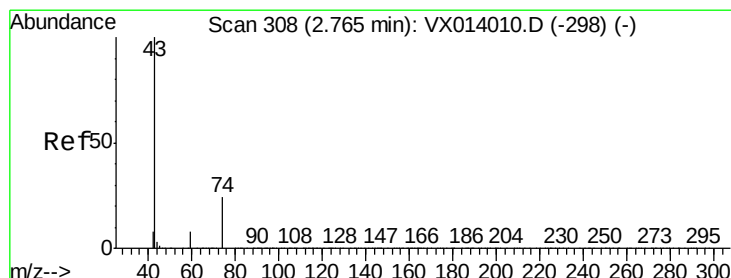
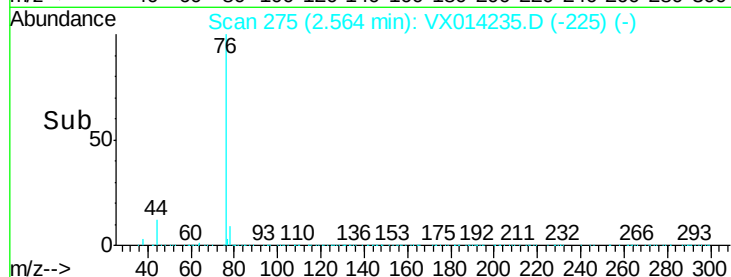
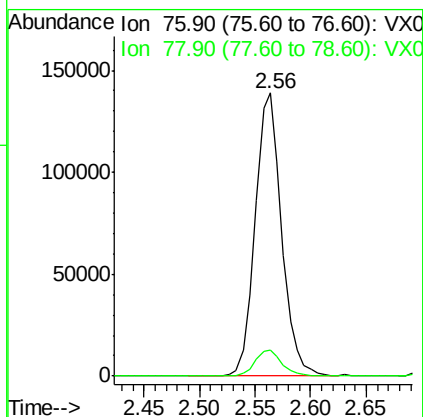
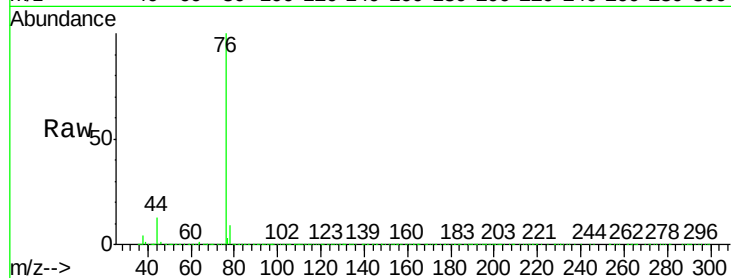
78 9.2 7.2 10.8

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#18

Methyl Acetate

Concen: 19.228 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014235.D

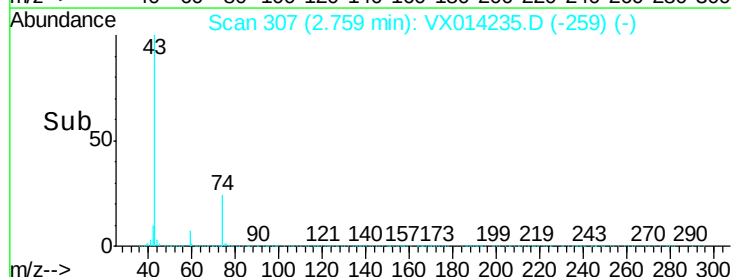
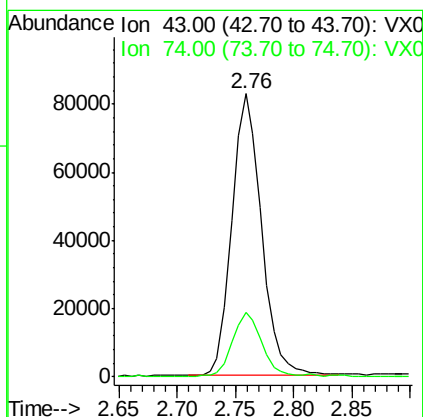
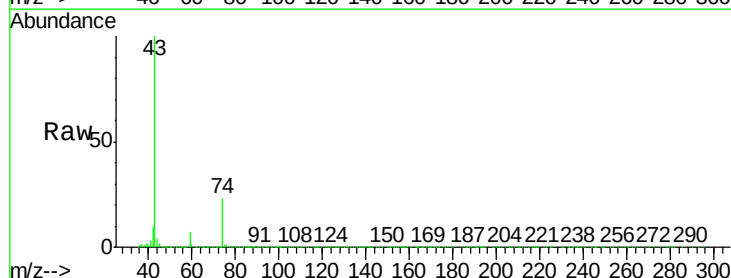
Acq: 24 Dec 2019 11:09

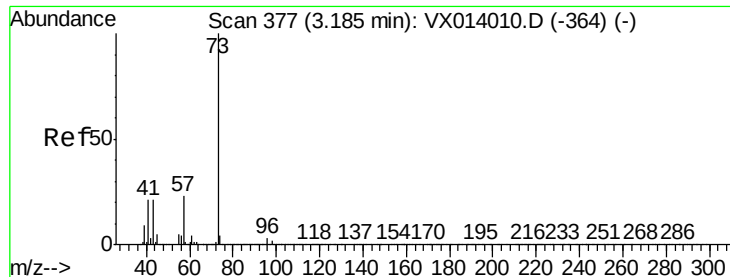
Tgt Ion: 43 Resp: 147237

Ion Ratio Lower Upper

43 100

74 22.3 19.5 29.3





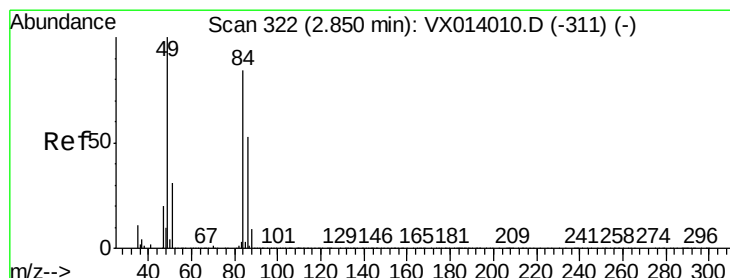
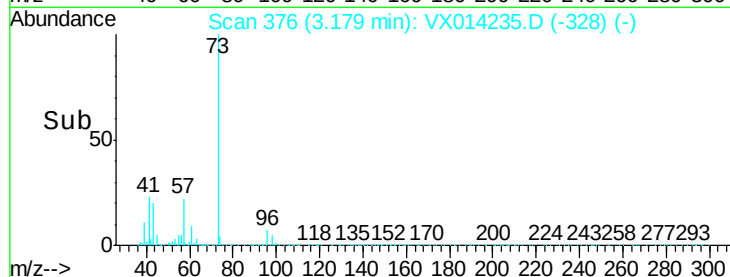
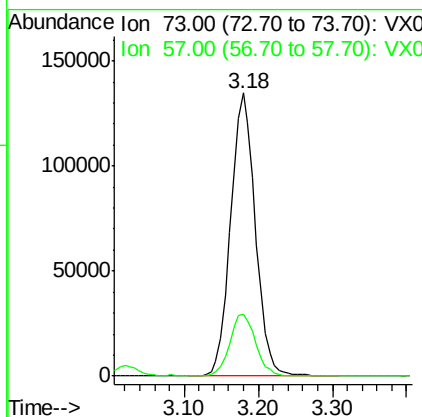
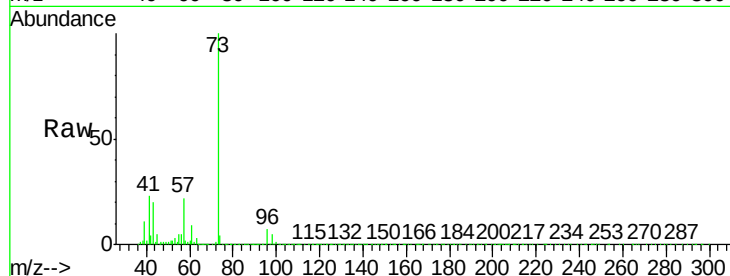
#19
Methyl tert-butyl Ether
Concen: 18.802 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

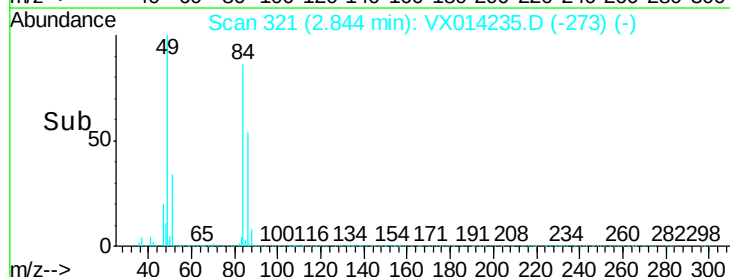
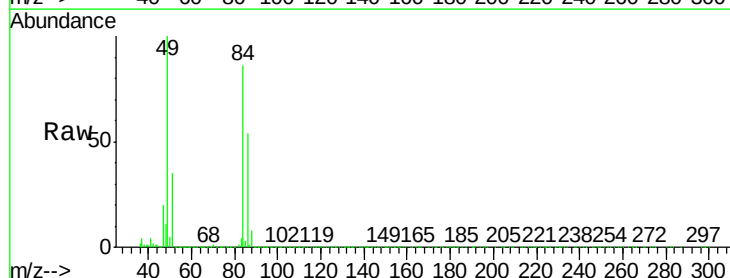
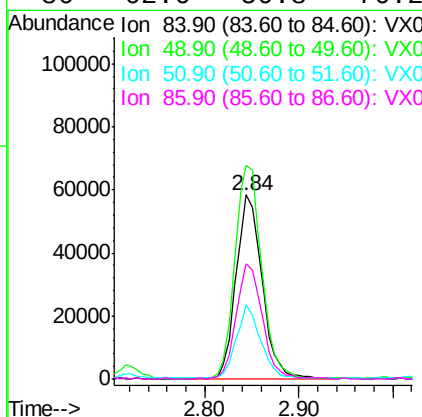
Manual Integrations
APPROVED

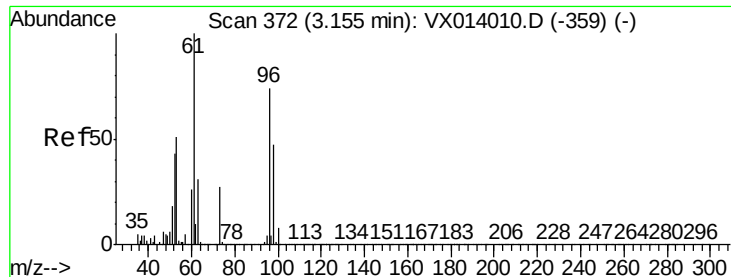
apatel
12/26/2019 9:24:21 AM



#20
Methylene Chloride
Concen: 18.583 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	95.8	143.6
51	39.8	29.8	44.8
86	62.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.447 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

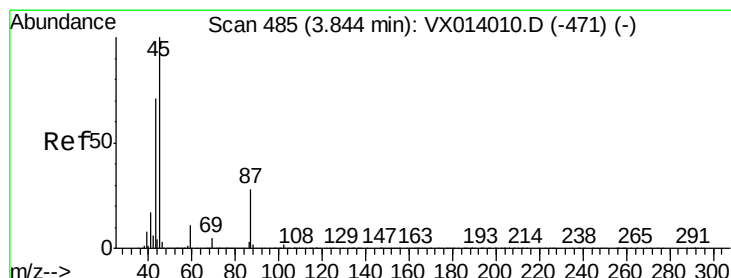
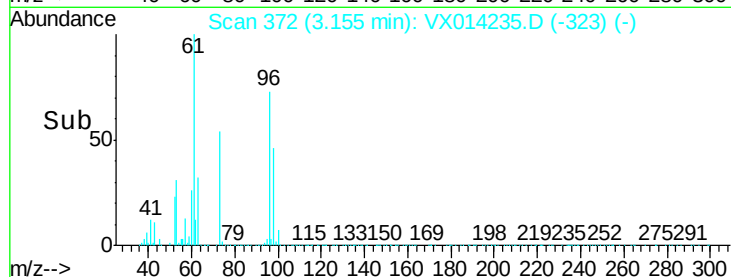
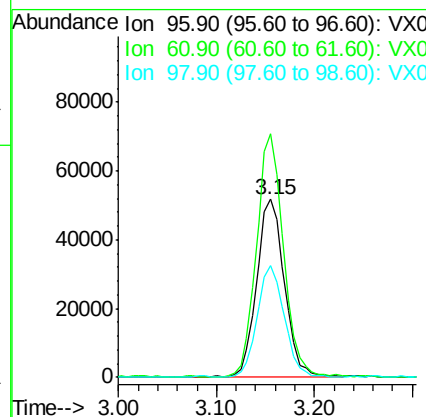
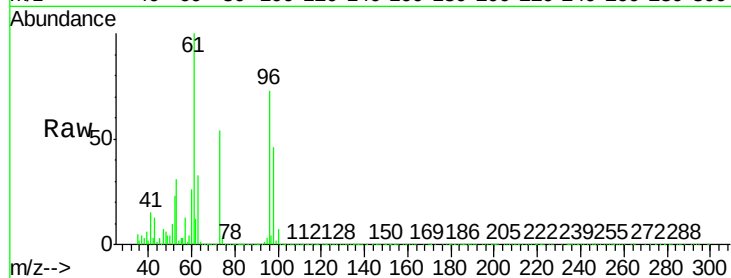
ClientSampleId :

VX1224WBS01

Tot Ion:	96	Resp:	102677
Ion	Ratio	Lower	Upper
96	100		
61	136.2	108.3	162.5
98	62.5	50.8	76.2

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#22

Diisopropyl ether

Concen: 19.187 ug/l

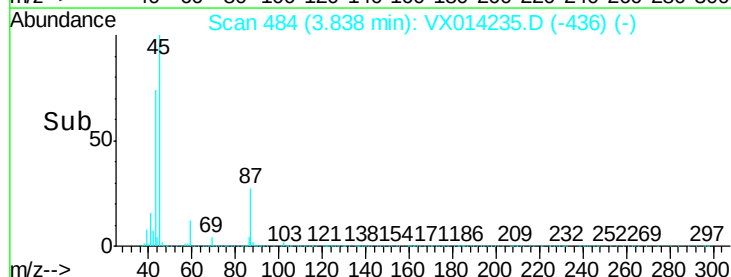
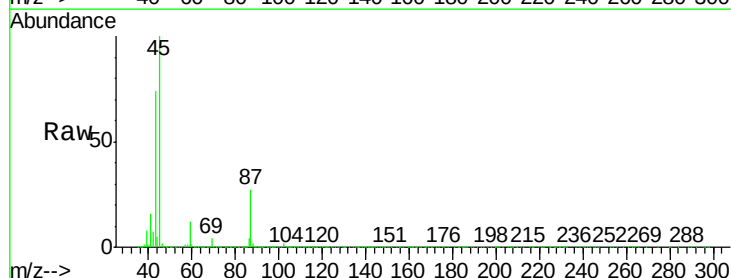
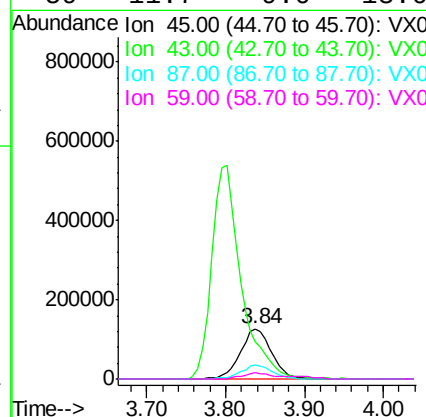
RT: 3.84 min Scan# 484

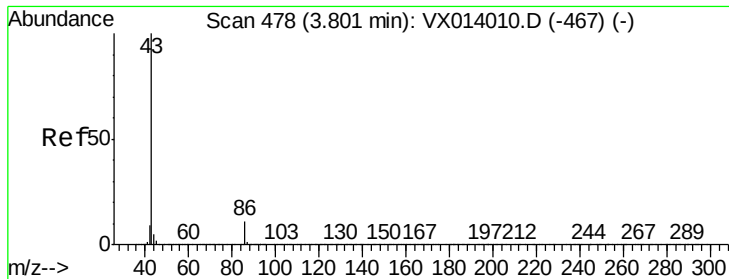
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	45	Resp:	344894
Ion	Ratio	Lower	Upper
45	100		
43	72.9	57.4	86.0
87	26.8	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 95.648 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 43 Resp: 1403080

Ion Ratio Lower Upper

43 100

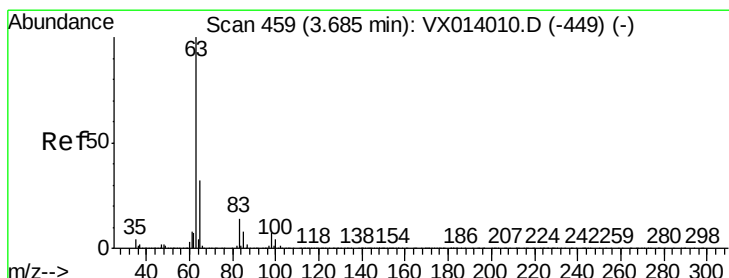
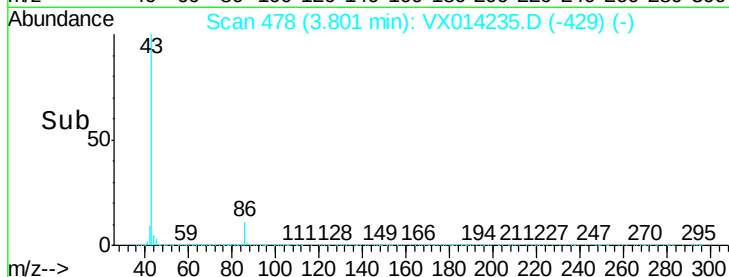
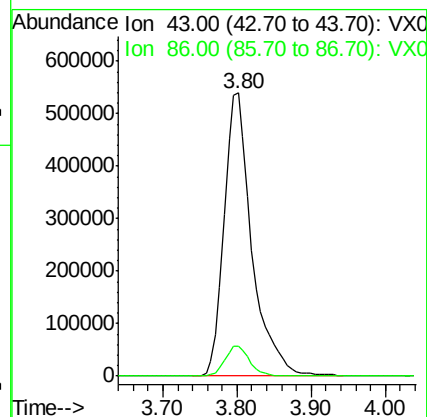
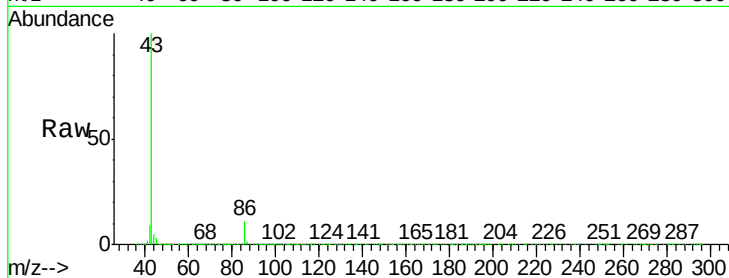
86 10.8 8.6 12.8

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#24

1,1-Dichloroethane

Concen: 18.548 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

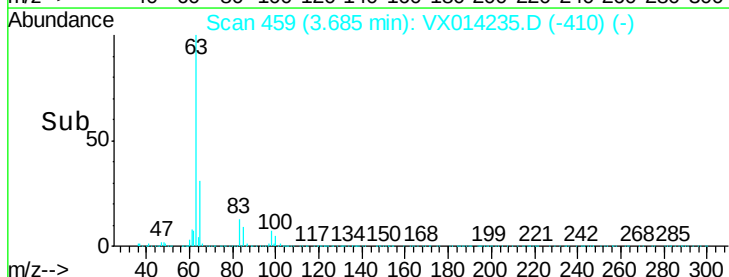
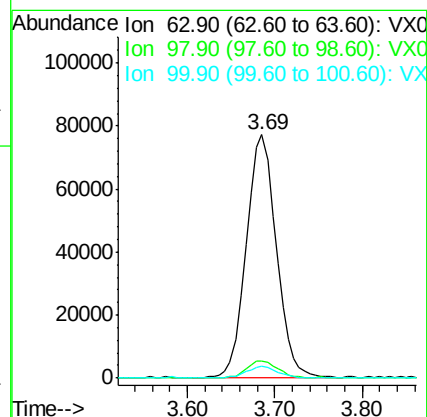
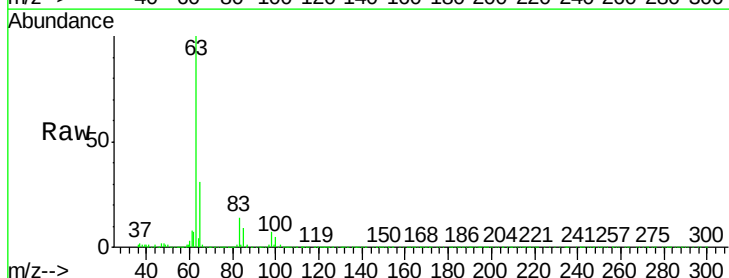
Tgt Ion: 63 Resp: 185495

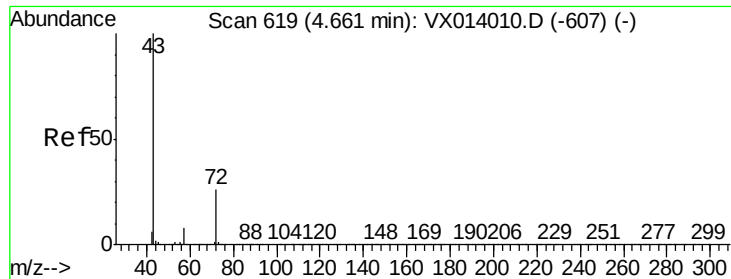
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 92.541 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tot Ion: 43 Resp: 440906

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

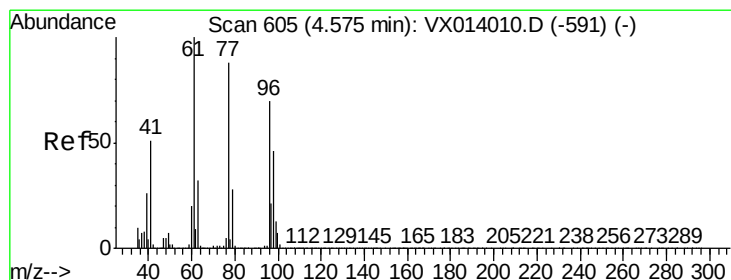
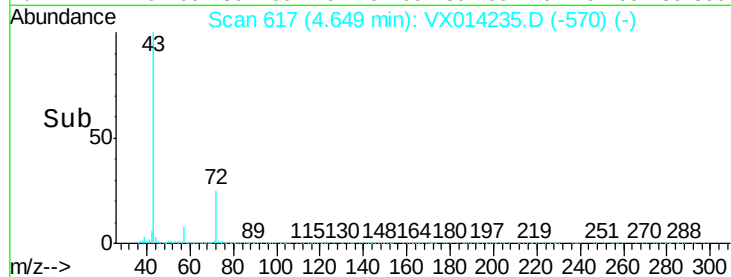
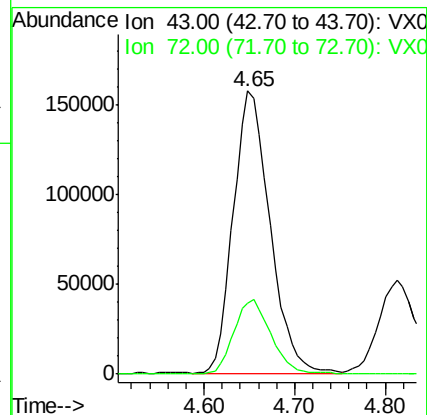
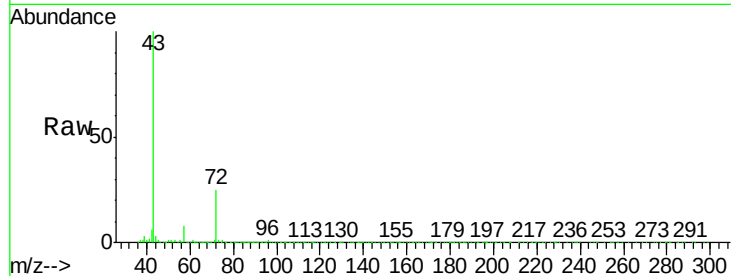
VX1224WBS01

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#26

2,2-Dichloropropane

Concen: 18.264 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014235.D

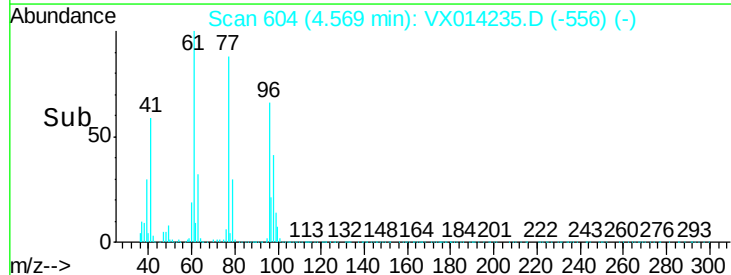
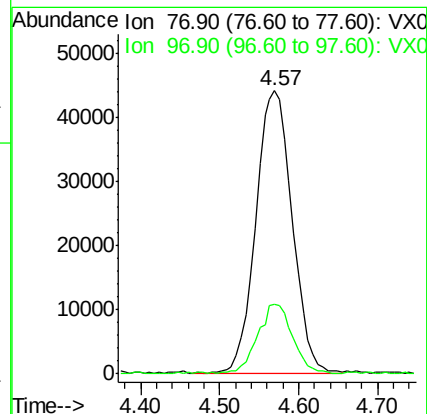
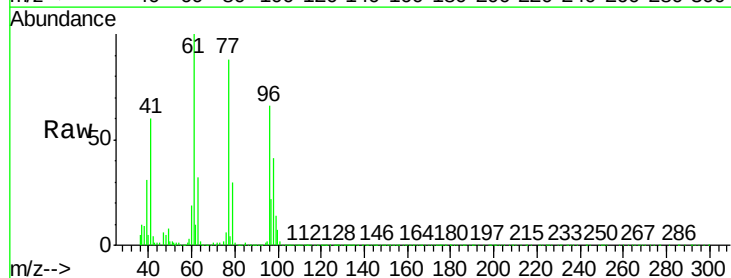
Acq: 24 Dec 2019 11:09

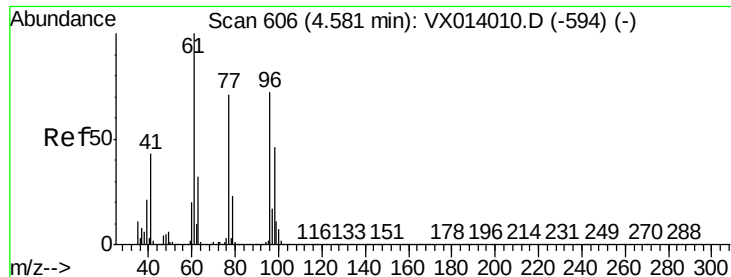
Tgt Ion: 77 Resp: 141814

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

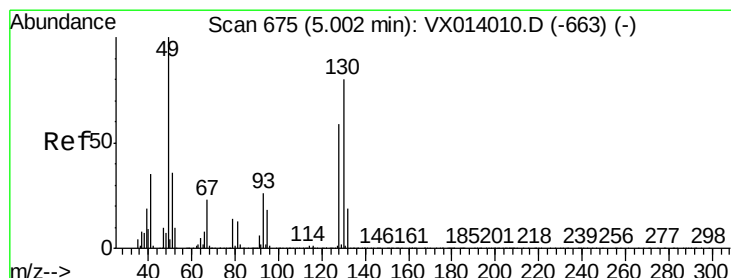
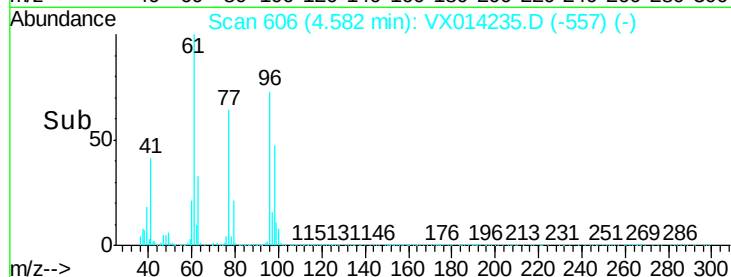
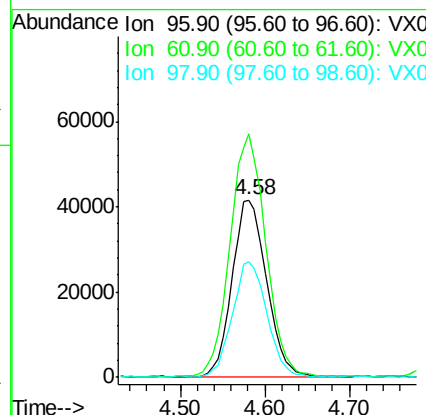
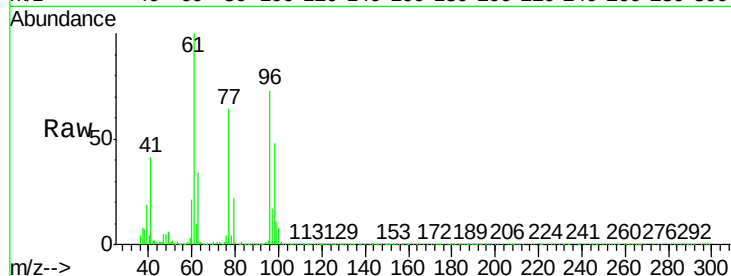
cis-1,2-Dichloroethene
Concen: 18.392 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115776		
61	141.2	0.0	288.4	
98	64.0	0.0	129.6	

Manual Integrations
APPROVED

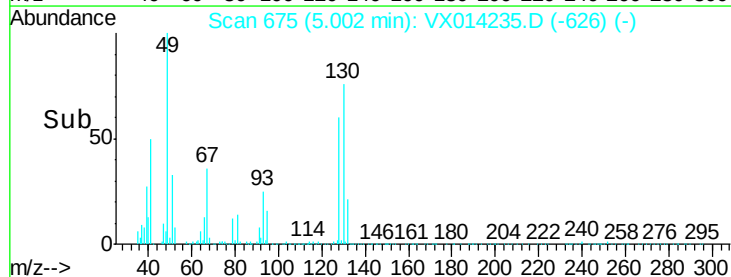
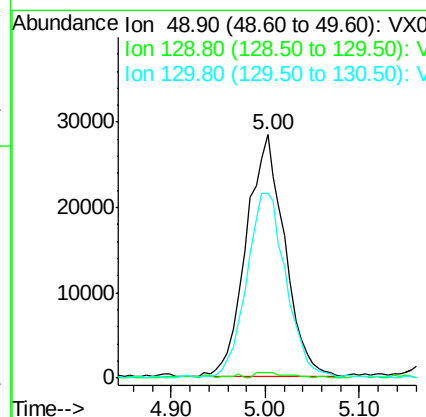
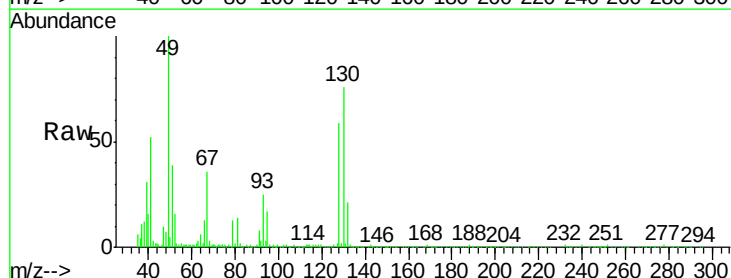
apatel
12/26/2019 9:24:21 AM

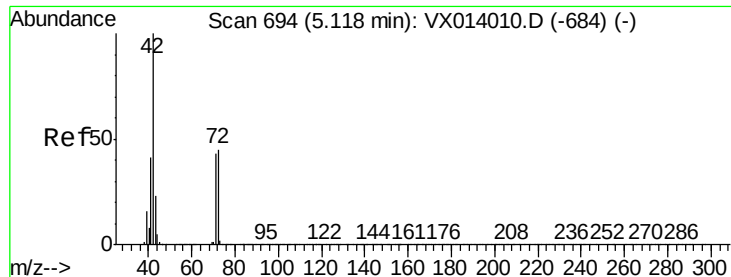


#28

Bromochloromethane
Concen: 21.342 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81075		
129	2.0	0.0	5.0	
130	77.2	64.6	97.0	





#29

Tetrahydrofuran

Concen: 94.295 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

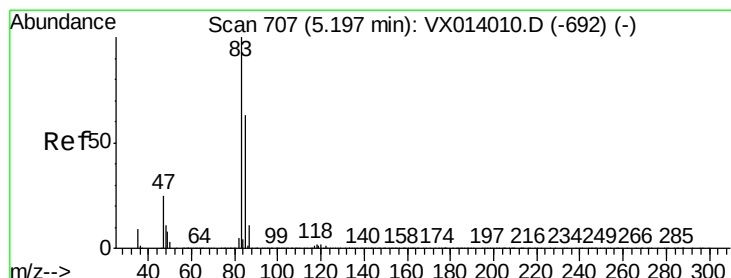
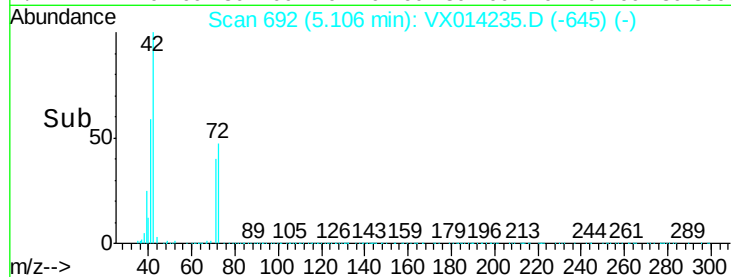
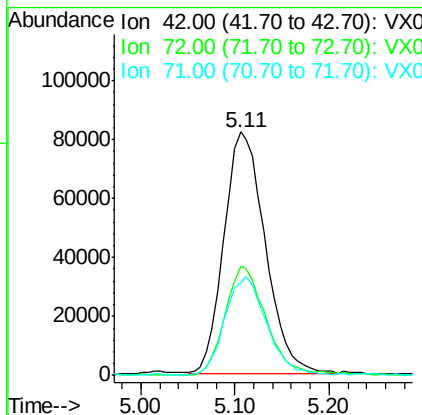
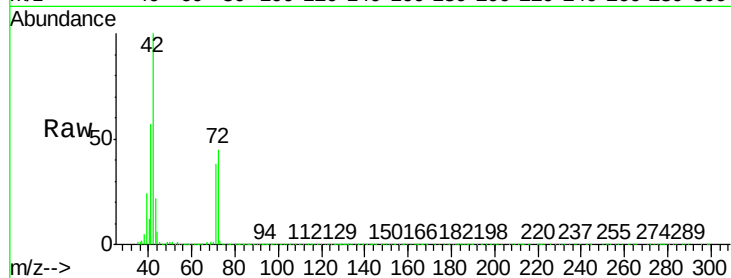
ClientSampled :

VX1224WBS01

Tot Ion:	42	Resp:	251284
Ion Ratio		Lower	Upper
42	100		
72	44.4	35.8	53.8
71	41.0	33.6	50.4

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#30

Chloroform

Concen: 18.765 ug/l

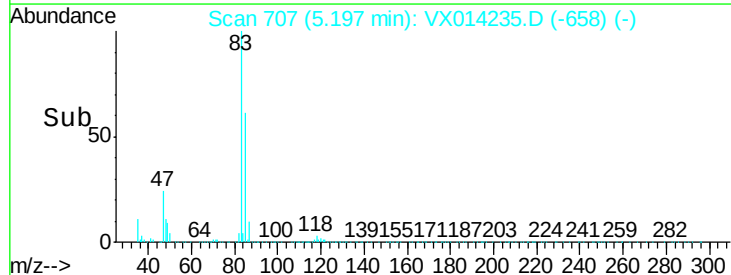
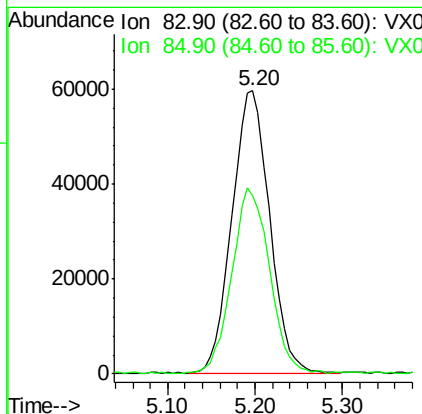
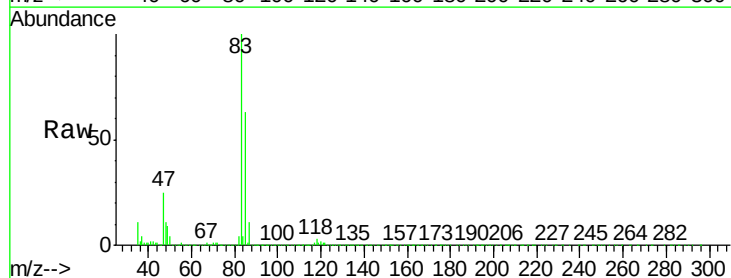
RT: 5.20 min Scan# 707

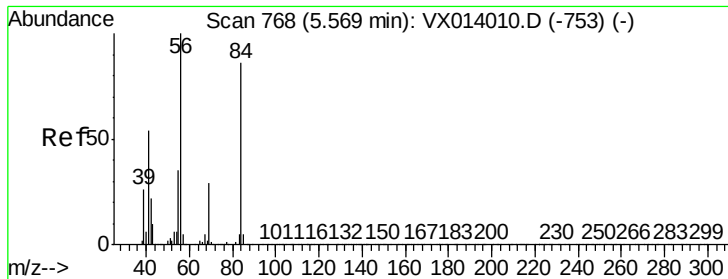
Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	83	Resp:	177909
Ion Ratio		Lower	Upper
83	100		
85	62.6	50.8	76.2





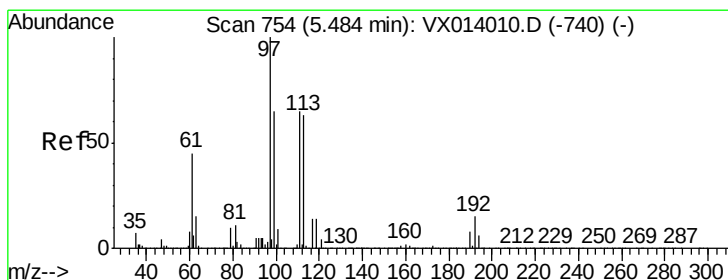
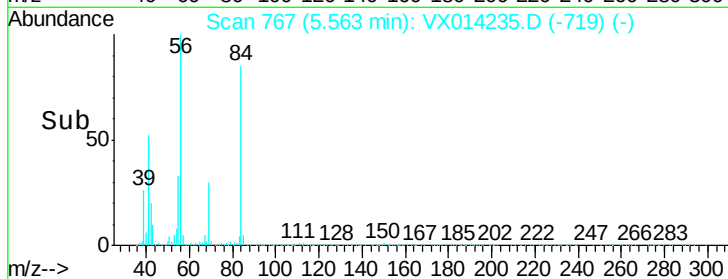
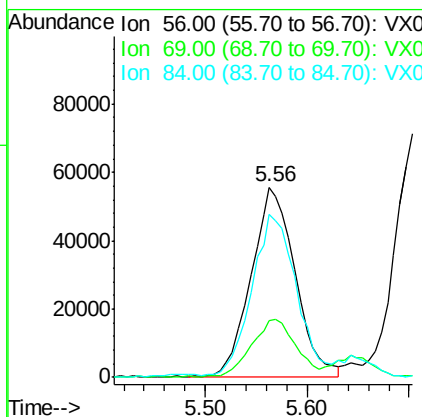
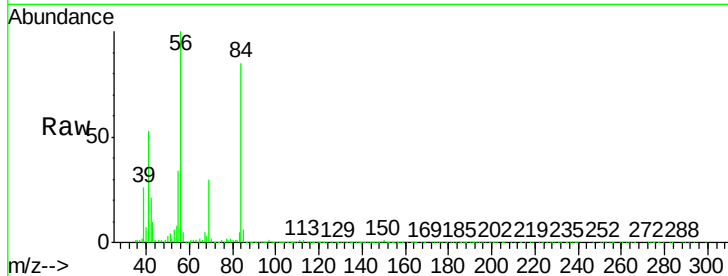
#31
Cyclohexane
Concen: 18.664 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.2	34.8
84	84.3	69.2	103.8

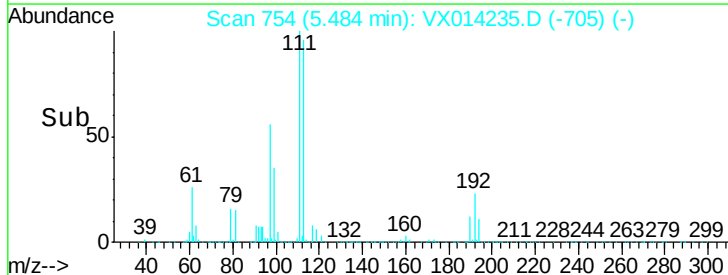
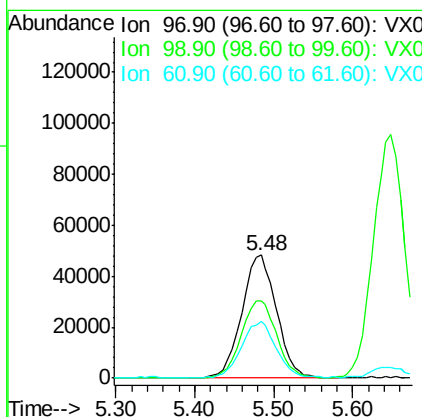
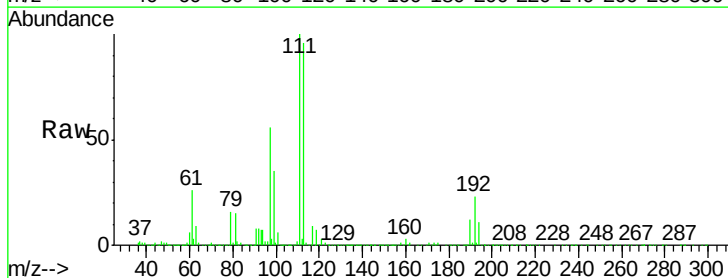
Manual Integrations
APPROVED

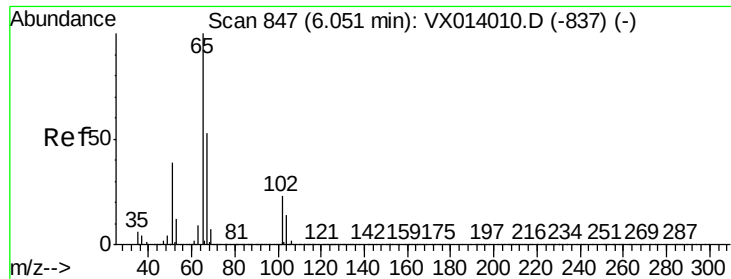
apatel
12/26/2019 9:24:21 AM



#32
1,1,1-Trichloroethane
Concen: 18.096 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	45.2	36.7	55.1





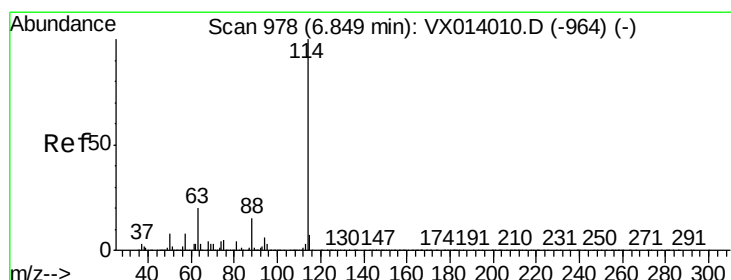
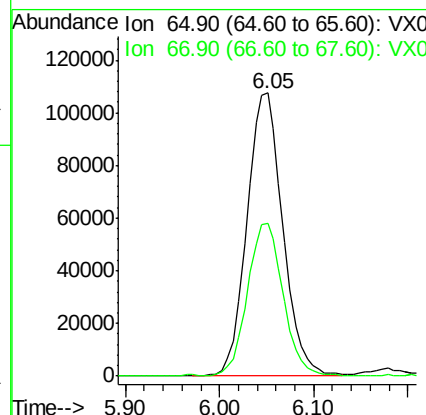
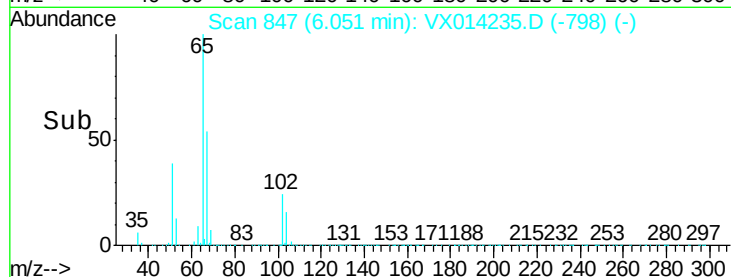
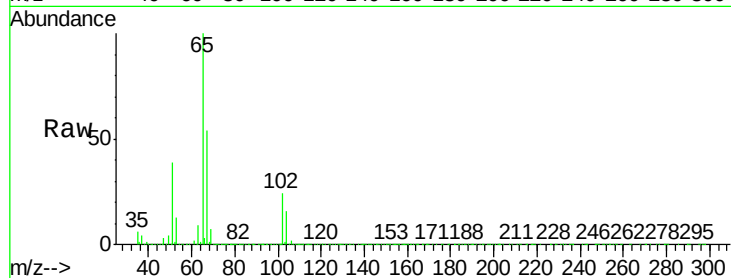
#33
 1,2-Dichloroethane-d4
 Concen: 47.870 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284946		
67	53.4	0.0	106.4	

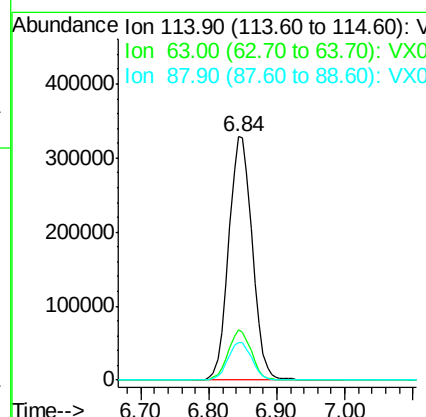
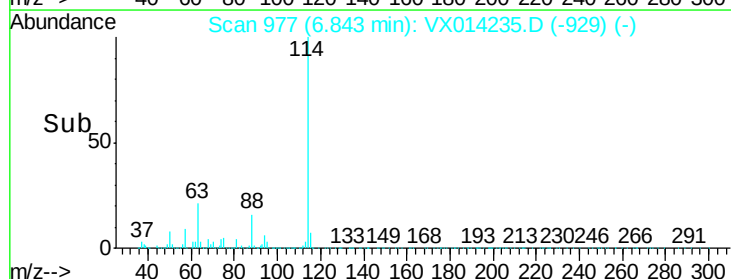
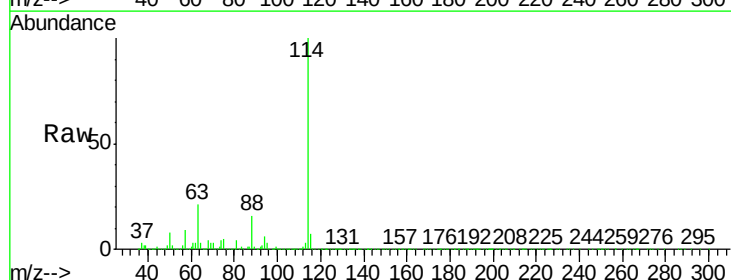
Manual Integrations
 APPROVED

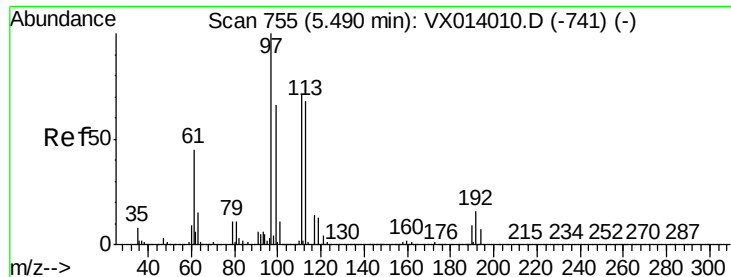
apatel
 12/26/2019 9:24:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	786891		
63	20.7	0.0	40.8	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.645 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

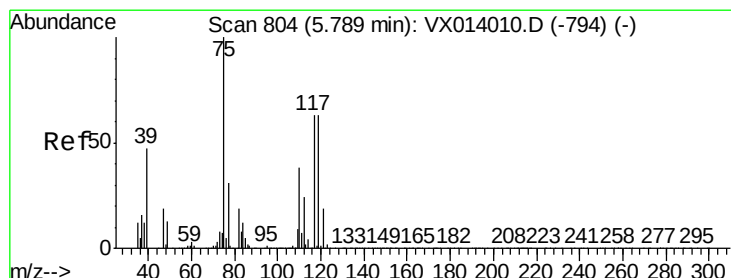
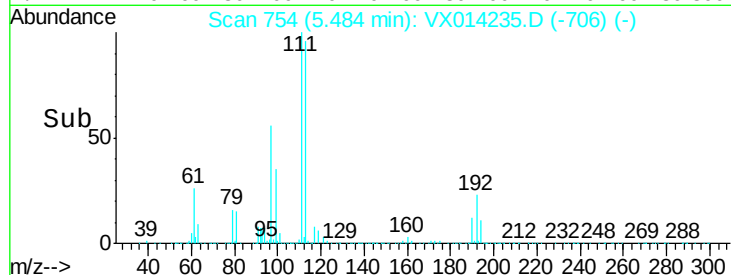
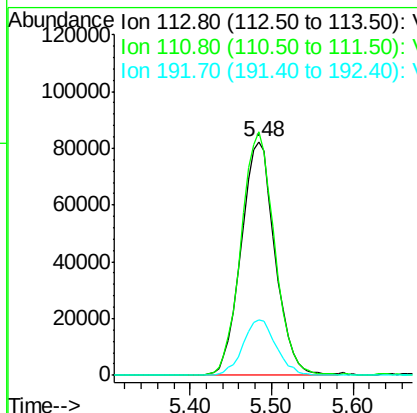
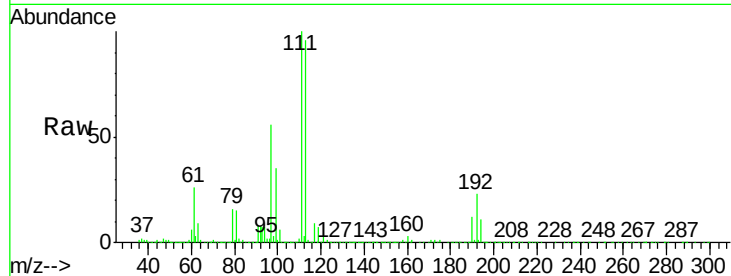
ClientSampleId :

VX1224WBS01

Tot Ion:	113	Resp:	237472
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.0	123.0
192	23.2	19.3	28.9

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#36

1,1-Dichloropropene

Concen: 18.523 ug/l

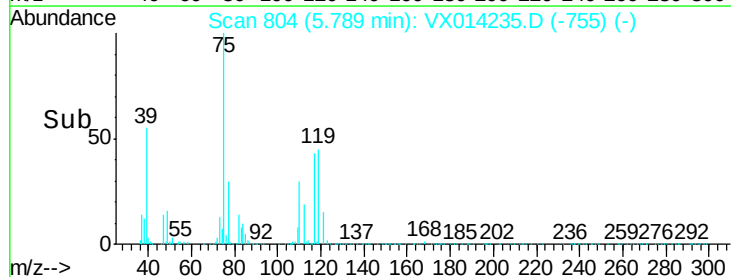
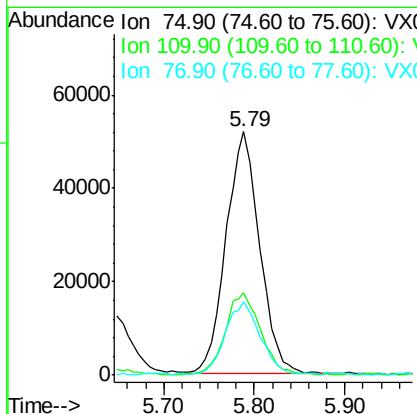
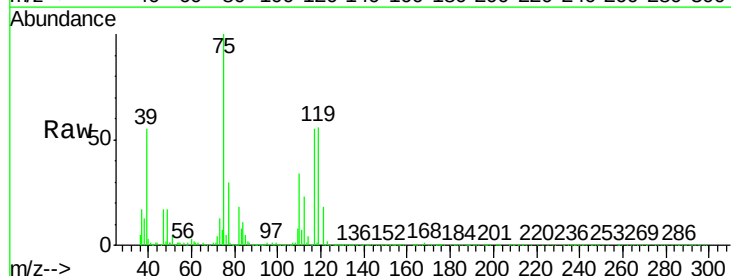
RT: 5.79 min Scan# 804

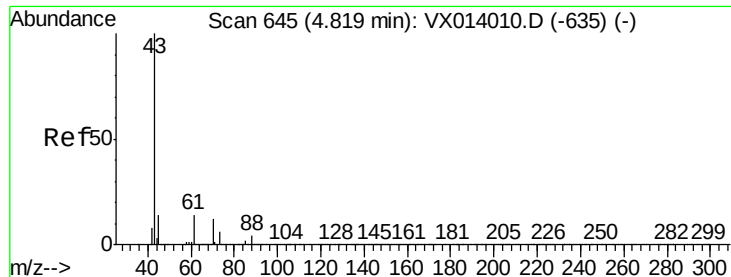
Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	75	Resp:	133736
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.3	54.9
77	30.3	24.8	37.2





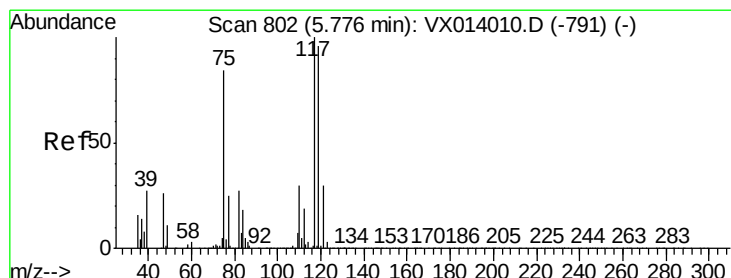
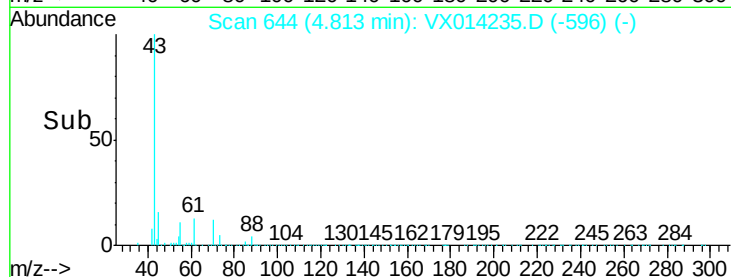
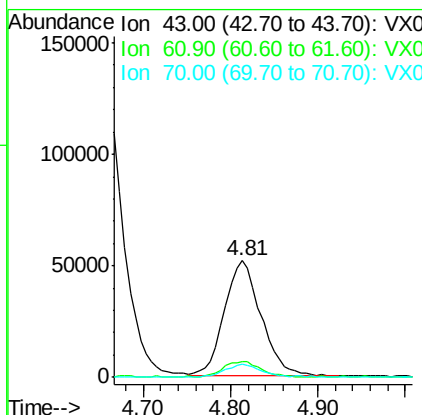
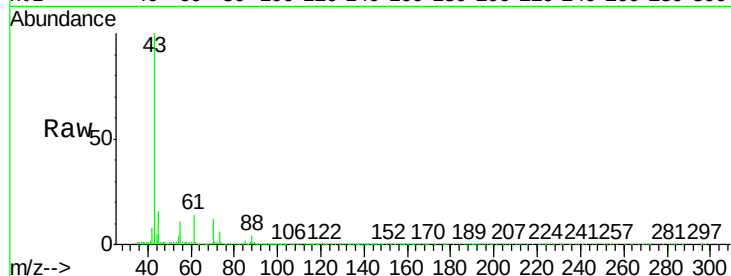
#37
Ethyl Acetate
Concen: 19.005 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	11.1	8.6	12.8

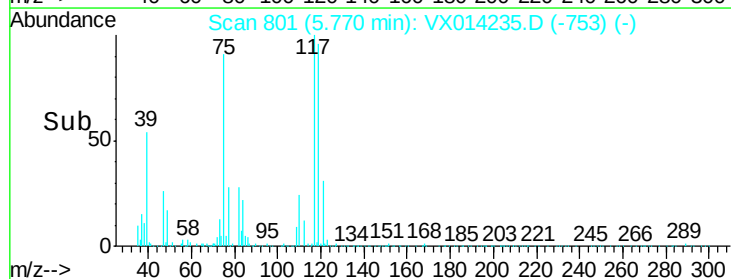
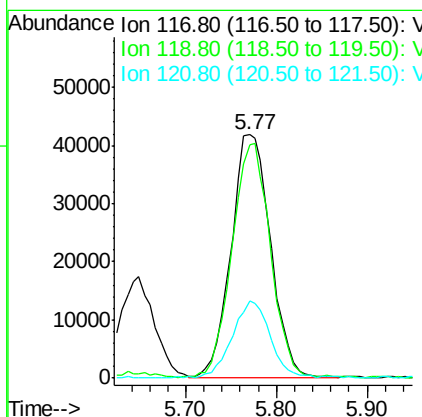
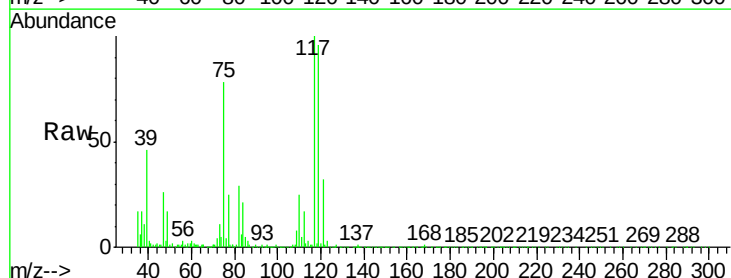
Manual Integrations
APPROVED

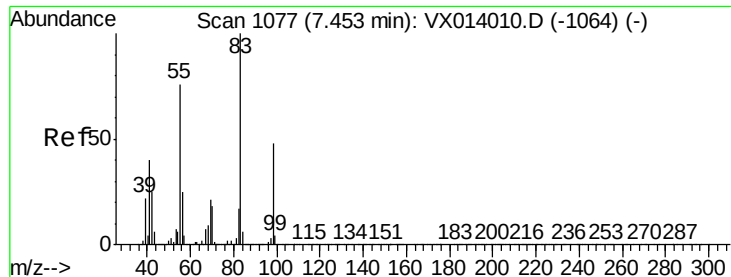
apatel
12/26/2019 9:24:21 AM



#38
Carbon Tetrachloride
Concen: 19.296 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.4
121	31.4	23.6	35.4





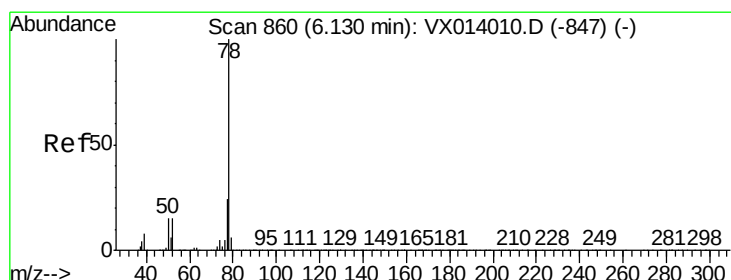
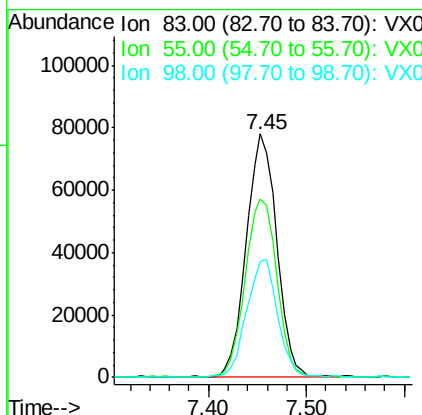
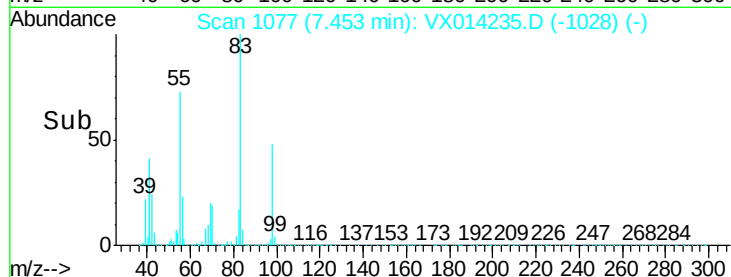
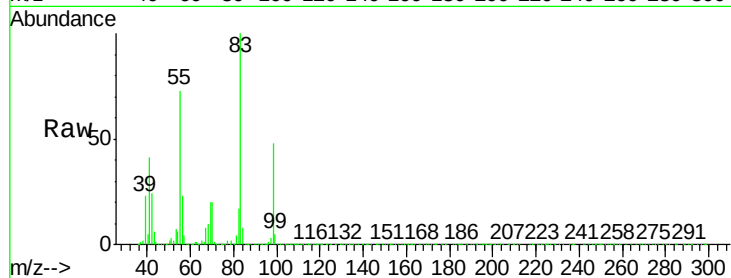
#39
Methylvlcyclohexane
Concen: 19.018 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	169548		
55	73.2	61.0	91.6	
98	47.3	38.6	57.8	

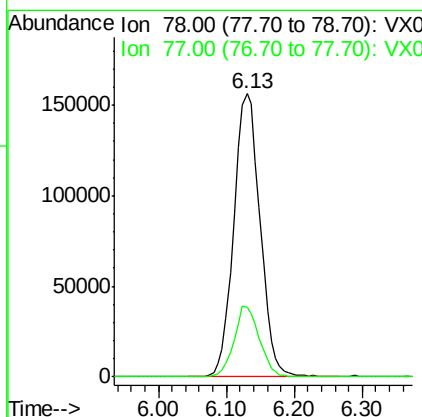
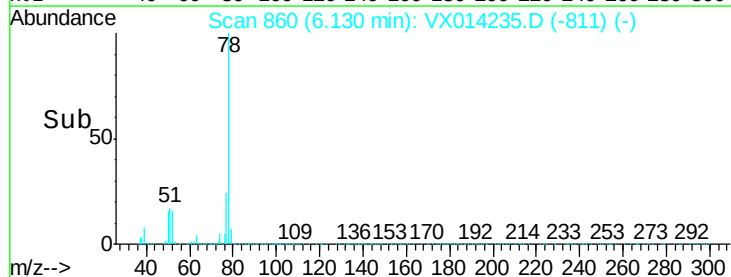
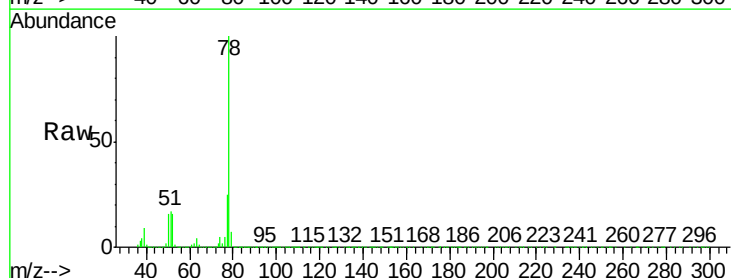
Manual Integrations
APPROVED

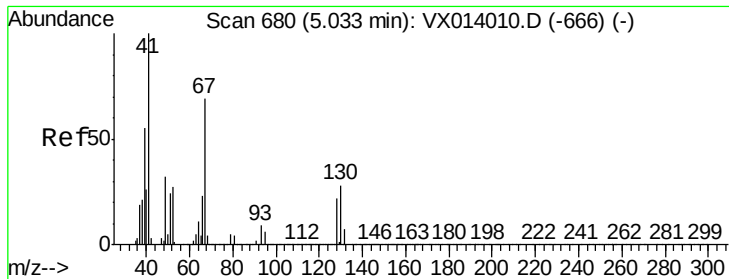
apatel
12/26/2019 9:24:21 AM



#40
Benzene
Concen: 18.857 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	418929		
77	24.7	18.8	28.2	





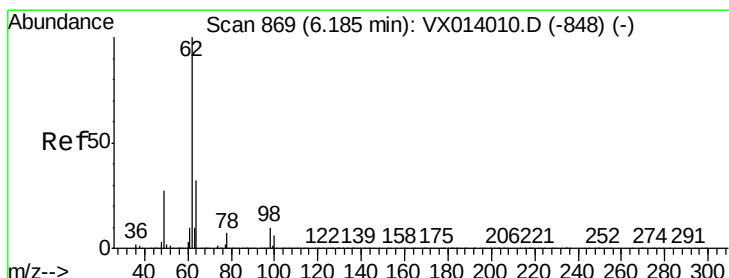
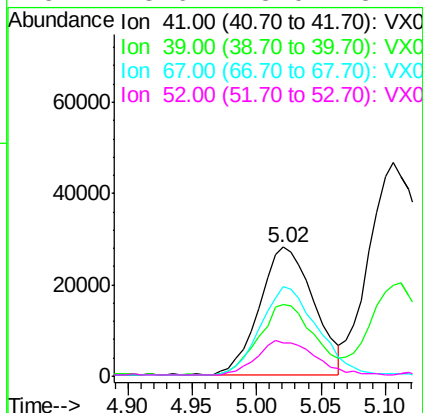
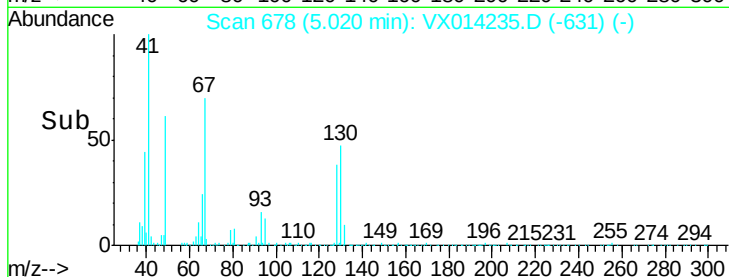
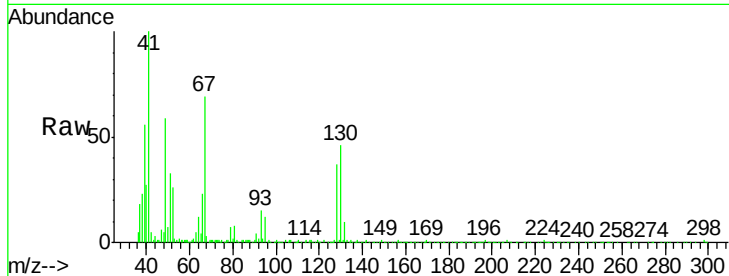
#41
Methacrylonitrile
Concen: 18.592 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		82249		
39	55.5	44.5	66.7		
67	72.3	57.4	86.0		
52	28.6	23.0	34.4		

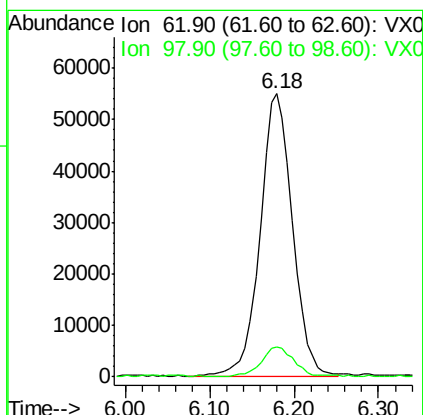
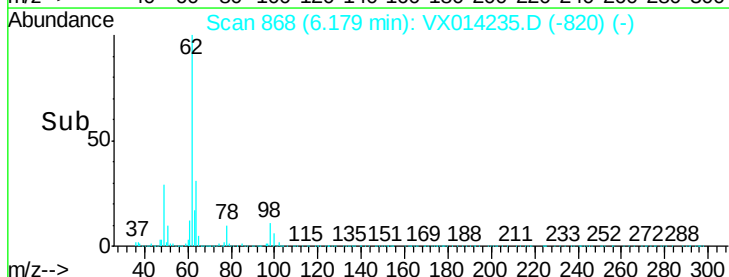
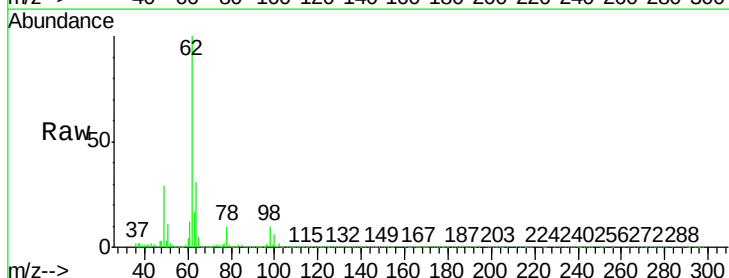
Manual Integrations
APPROVED

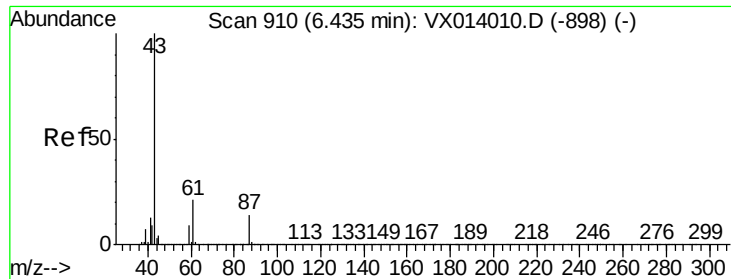
apatel
12/26/2019 9:24:21 AM



#42
1,2-Dichloroethane
Concen: 19.190 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		144515		
98	11.2	0.0	21.0		





#43

Isopropyl Acetate

Concen: 18.615 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

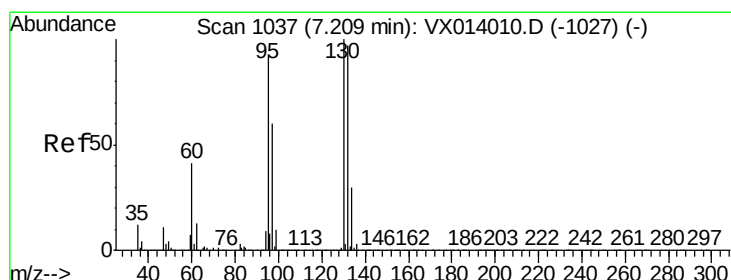
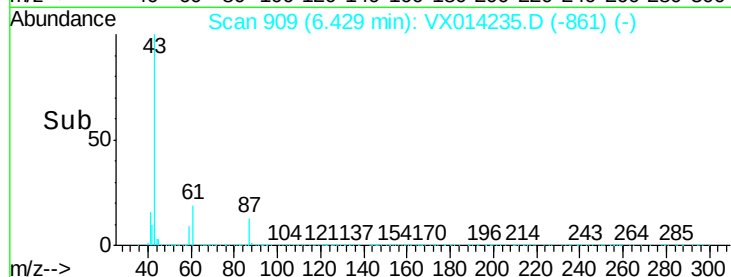
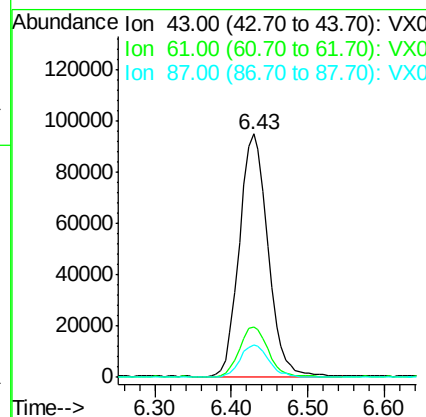
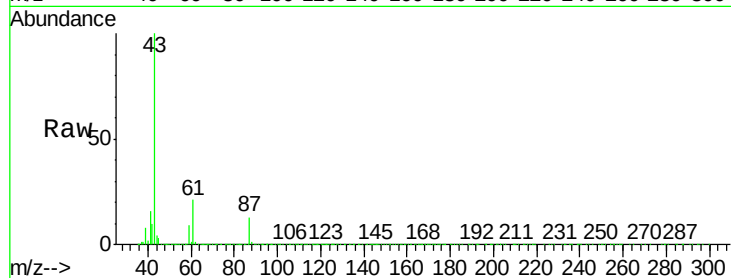
ClientSampleId :

VX1224WBS01

Tot Ion:	43	Resp:	245629
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.5	10.7	16.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#44

Trichloroethene

Concen: 18.283 ug/l

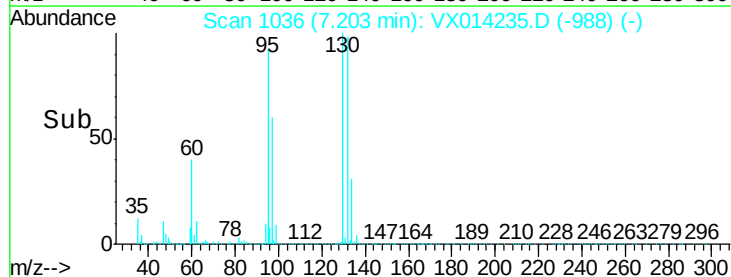
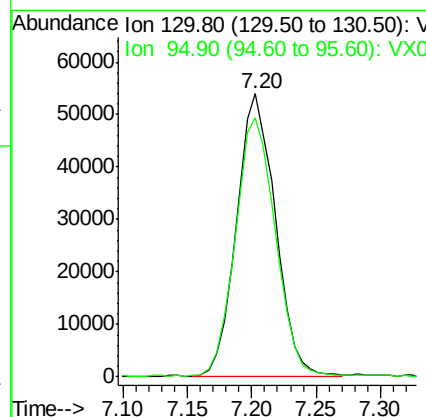
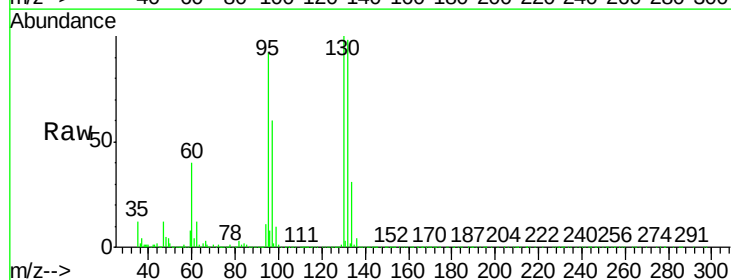
RT: 7.20 min Scan# 1036

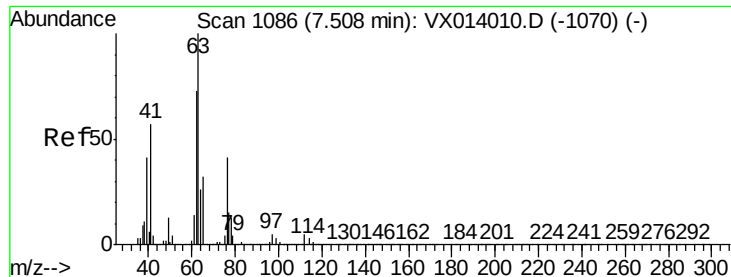
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	130	Resp:	112185
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.6





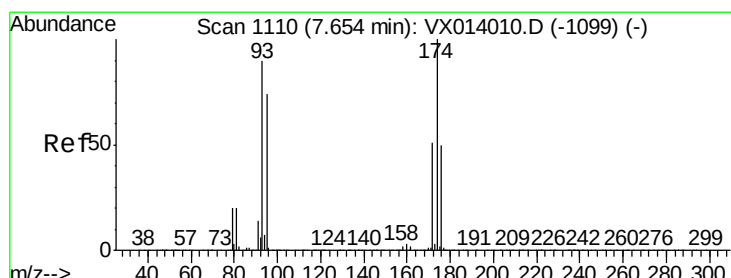
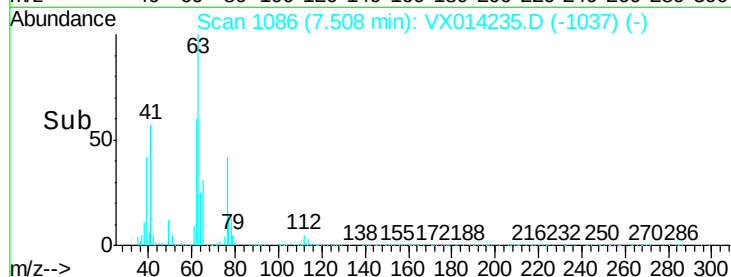
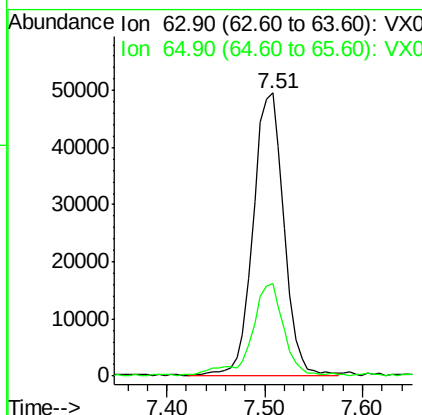
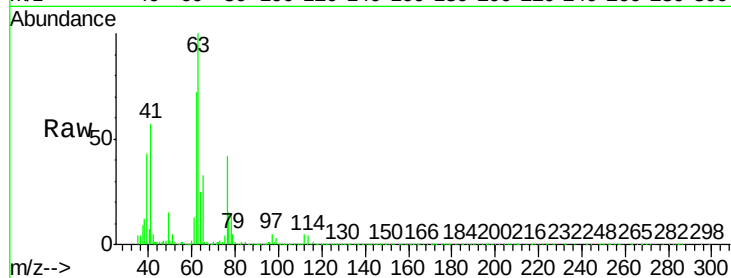
#45
 1,2-Dichloropropane
 Concen: 19.248 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8

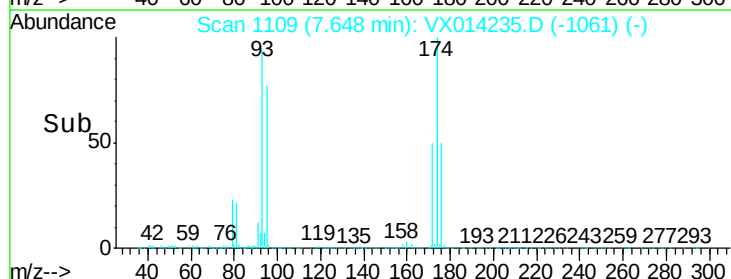
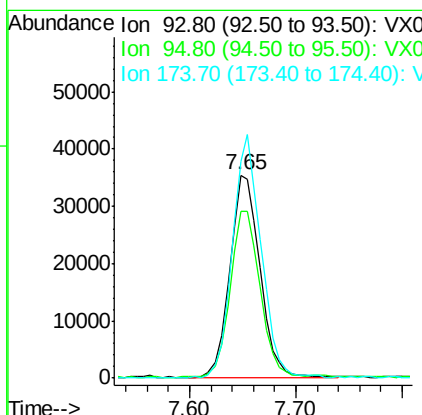
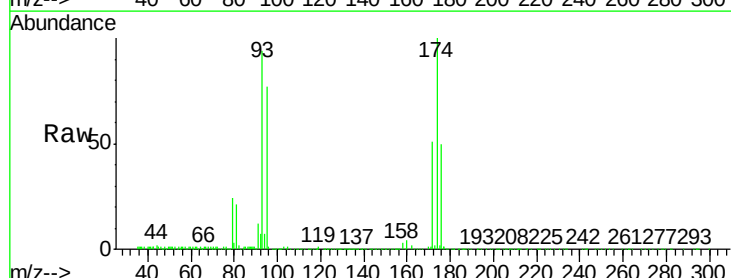
Manual Integrations
 APPROVED

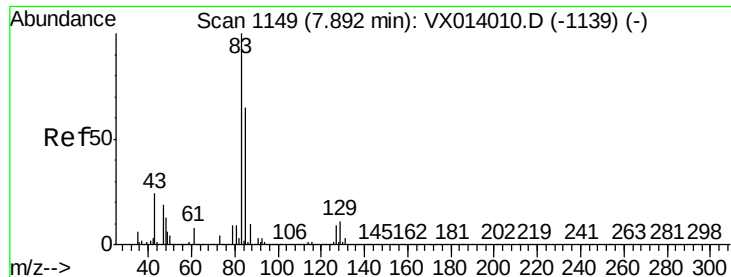
apatel
 12/26/2019 9:24:21 AM



#46
 Dibromomethane
 Concen: 18.624 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	67.3	100.9
174	114.6	91.6	137.4





#47

Bromodichloromethane

Concen: 19.002 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

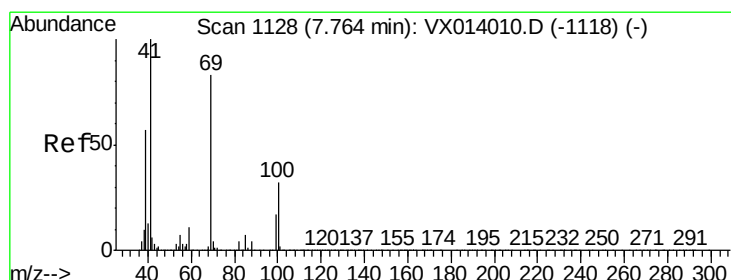
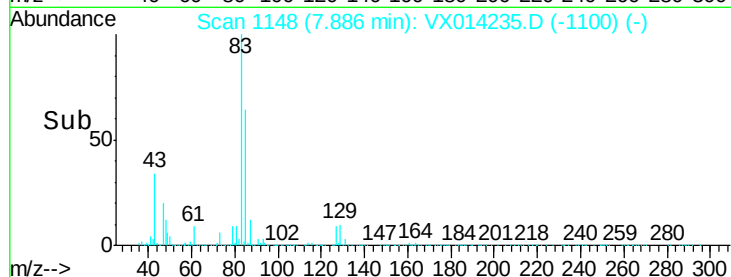
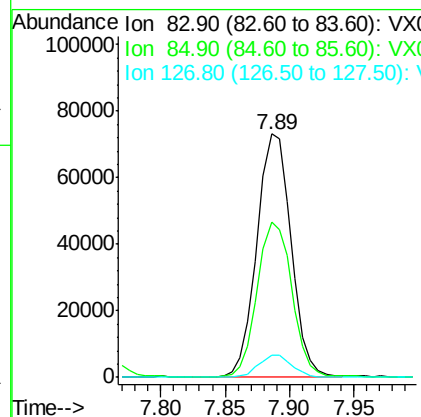
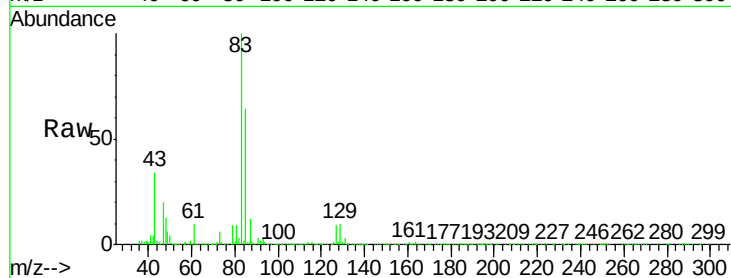
ClientSampleId :

VX1224WBS01

Tot Ion:	83	Resp:	134727
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.8	77.8
127	8.9	7.0	10.4

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#48

Methyl methacrylate

Concen: 18.647 ug/l

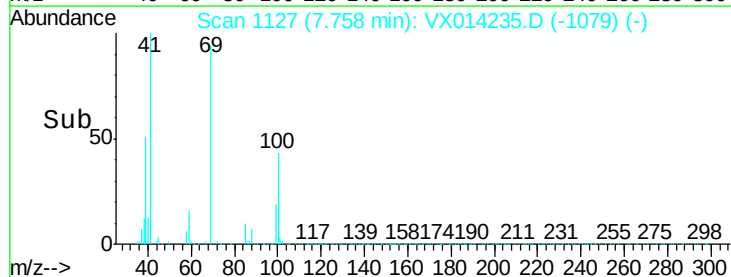
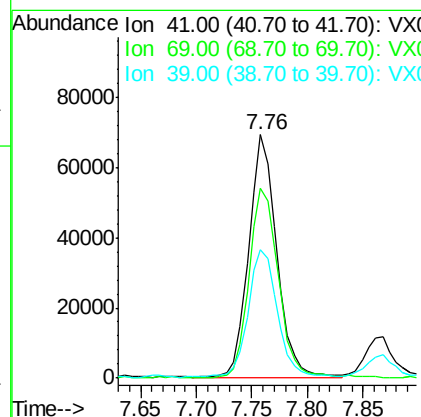
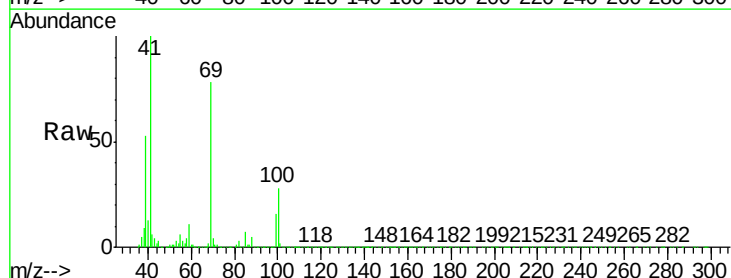
RT: 7.76 min Scan# 1127

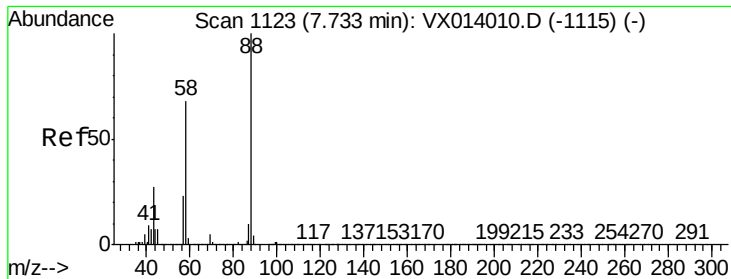
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	41	Resp:	120483
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.8	98.6
39	55.2	44.6	67.0





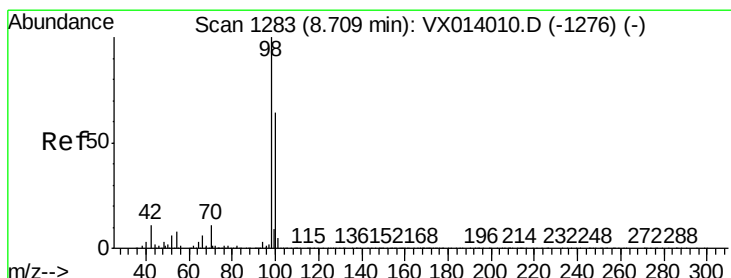
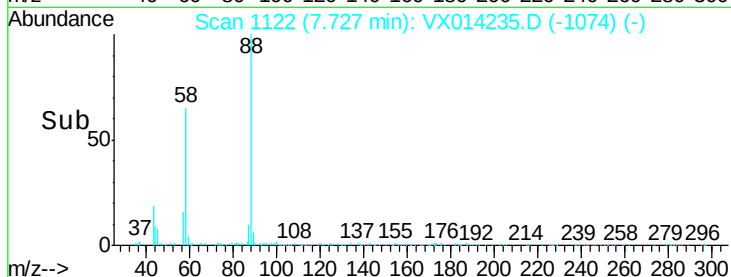
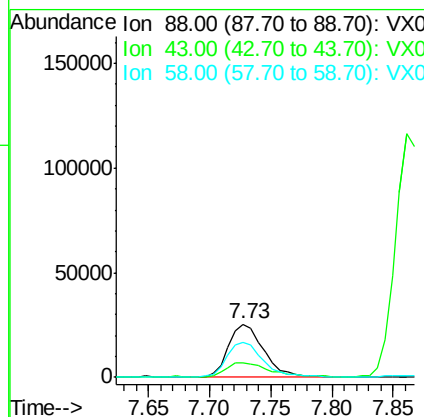
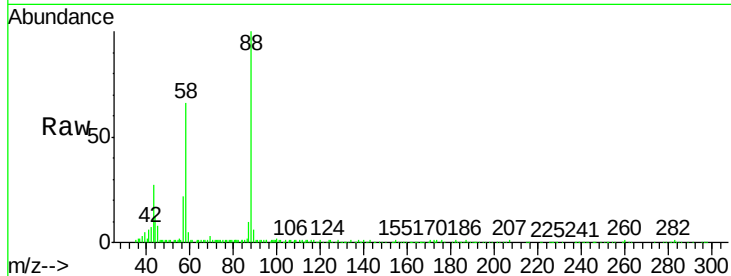
#49
1,4-Dioxane
Concen: 381.090 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.5	39.7
58	68.2	56.8	85.2

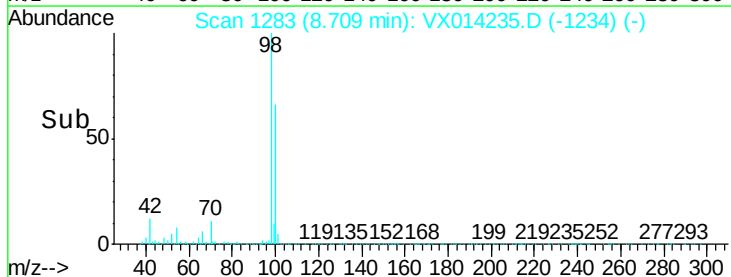
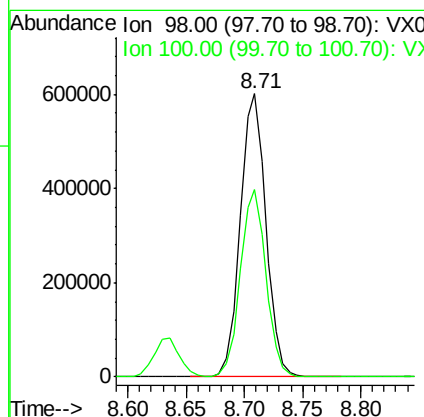
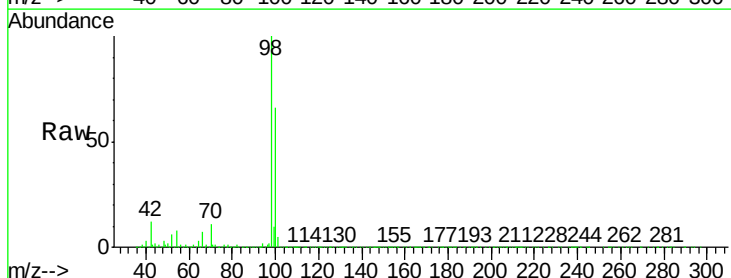
Manual Integrations
APPROVED

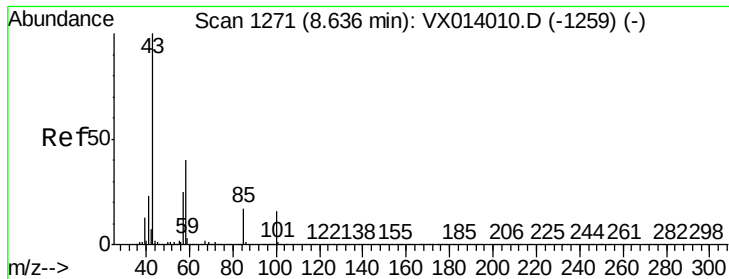
apatel
12/26/2019 9:24:21 AM



#50
Toluene-d8
Concen: 49.505 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 95.181 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

VX1224WBS01

Tot Ion: 43 Resp: 788743

Ion Ratio Lower Upper

43 100

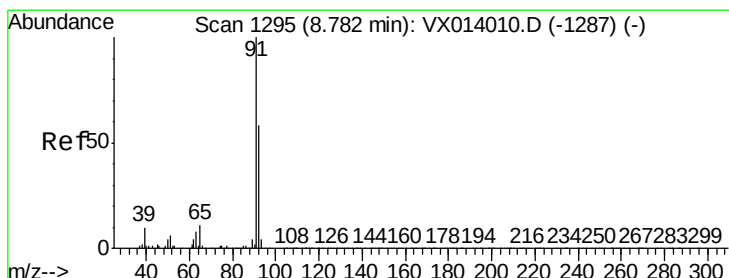
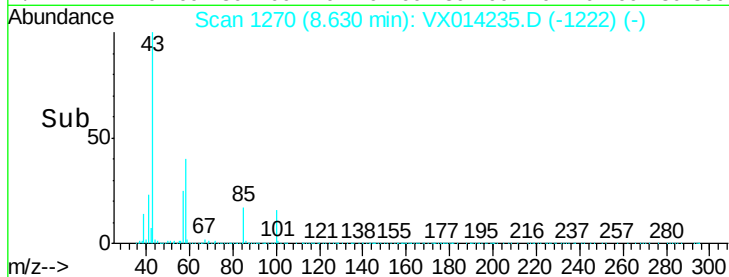
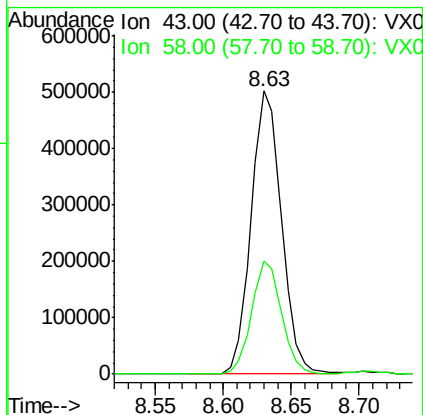
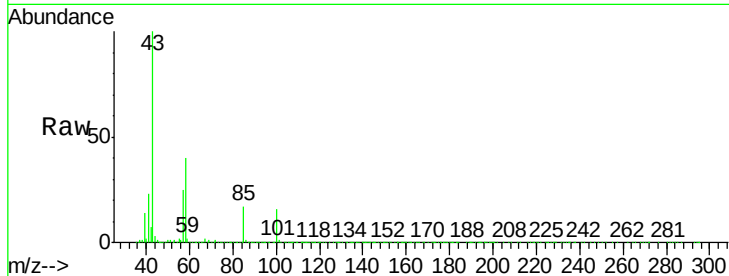
58 39.4 32.2 48.2

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#52

Toluene

Concen: 18.669 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014235.D

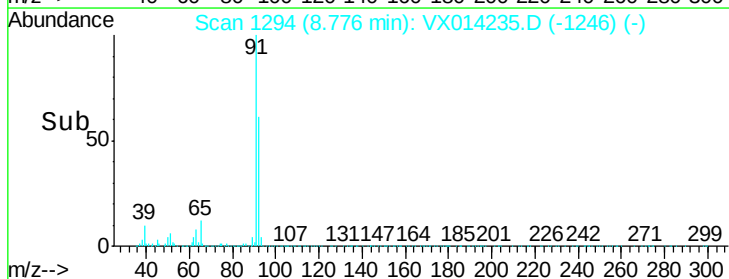
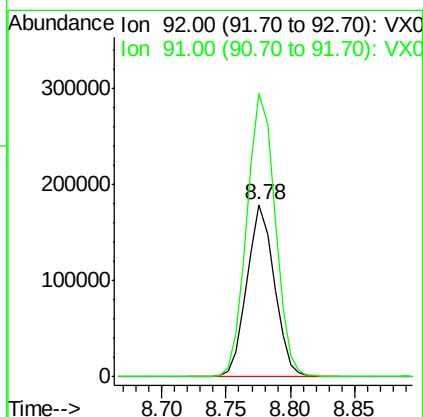
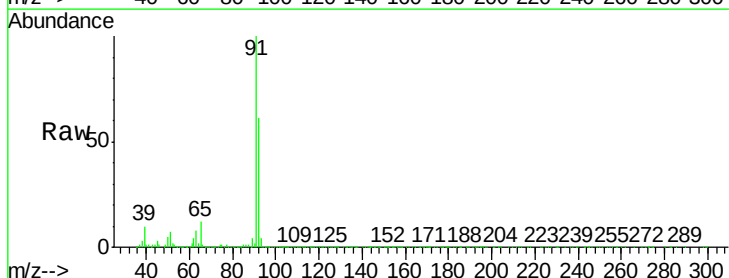
Acq: 24 Dec 2019 11:09

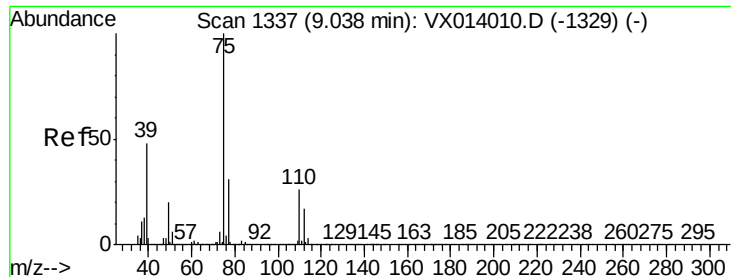
Tgt Ion: 92 Resp: 262142

Ion Ratio Lower Upper

92 100

91 170.8 136.2 204.4





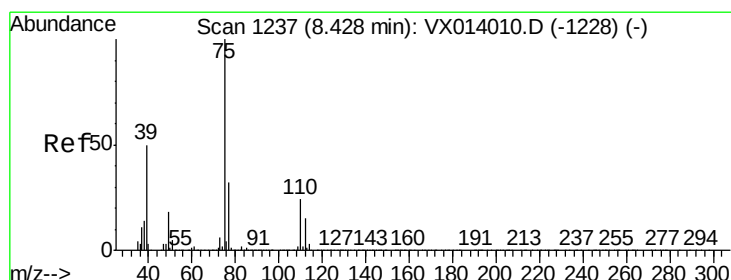
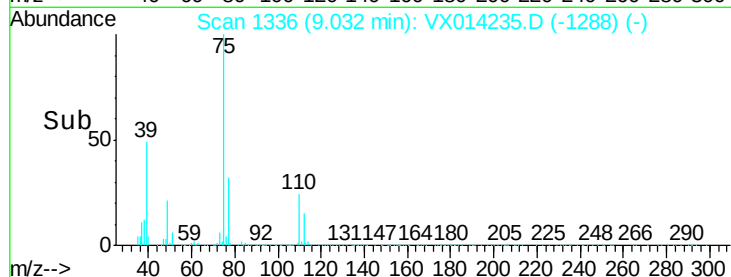
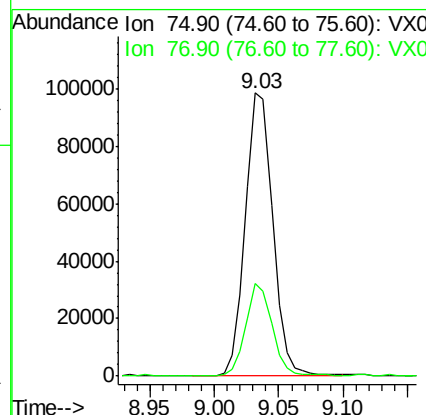
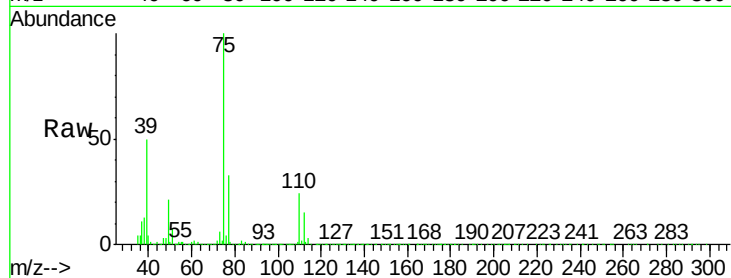
#53
t-1,3-Dichloropropene
Concen: 18.761 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7

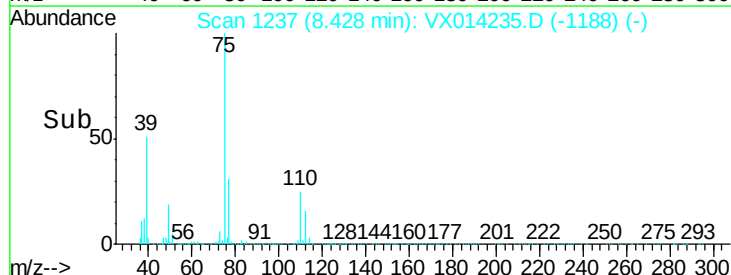
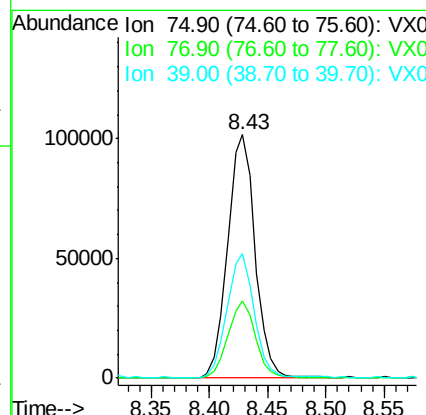
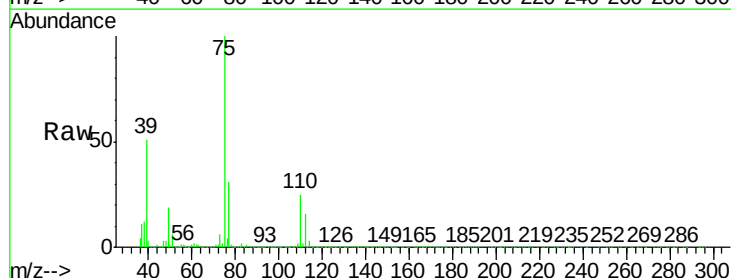
Manual Integrations
APPROVED

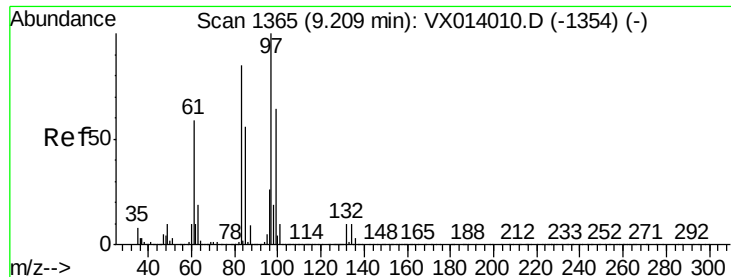
apatel
12/26/2019 9:24:21 AM



#54
cis-1,3-Dichloropropene
Concen: 19.127 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	51.0	39.9	59.9





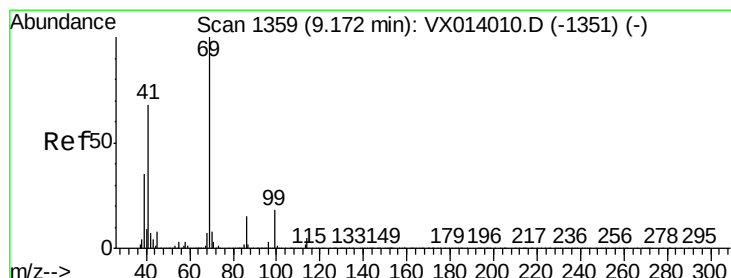
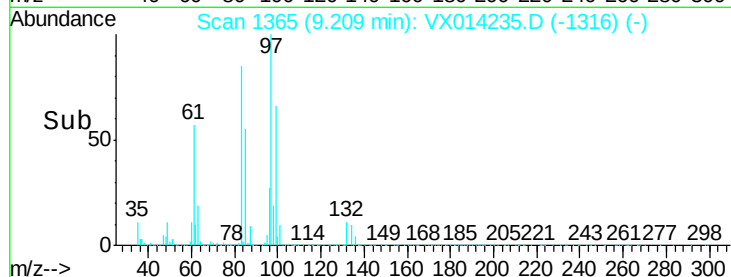
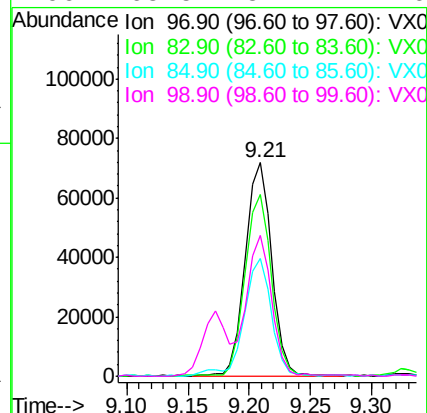
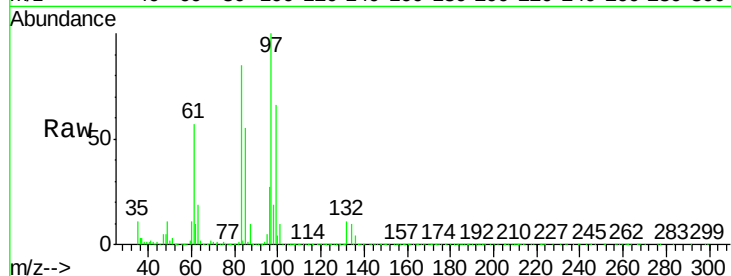
#55
 1,1,2-Trichloroethane
 Concen: 19.215 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108141		
83	84.6	68.2	102.4		
85	54.9	44.6	66.8		
99	65.5	51.4	77.0		

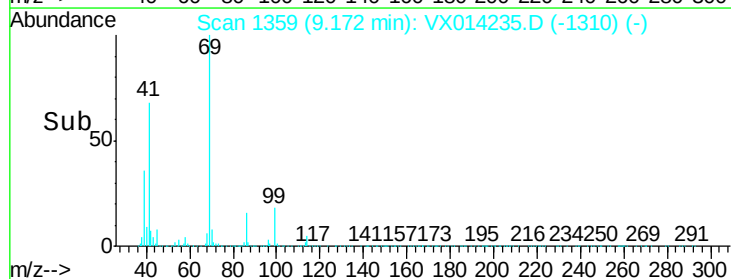
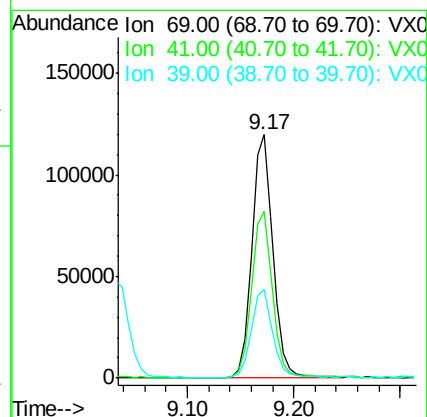
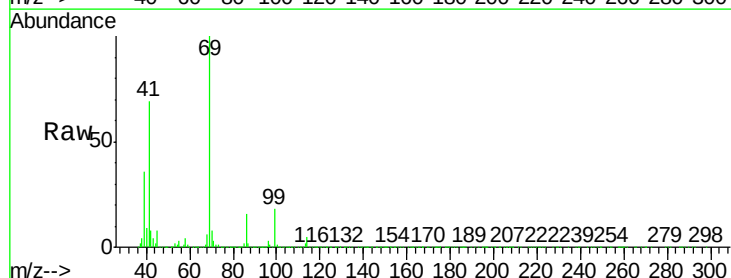
Manual Integrations
 APPROVED

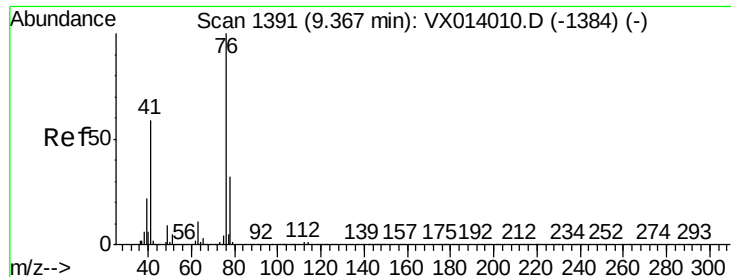
apatel
 12/26/2019 9:24:21 AM



#56
 Ethyl methacrylate
 Concen: 18.776 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		165986		
41	67.5	54.8	82.2		
39	36.5	28.3	42.5		





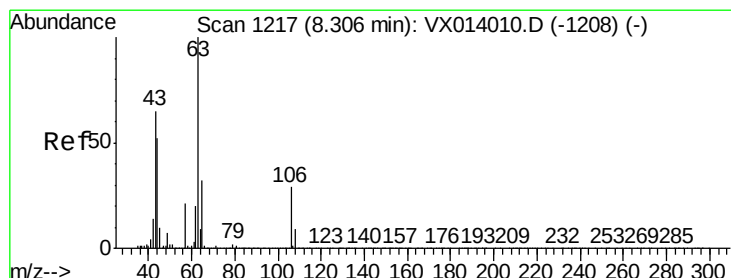
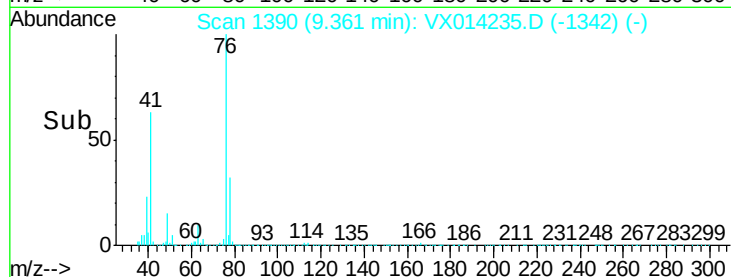
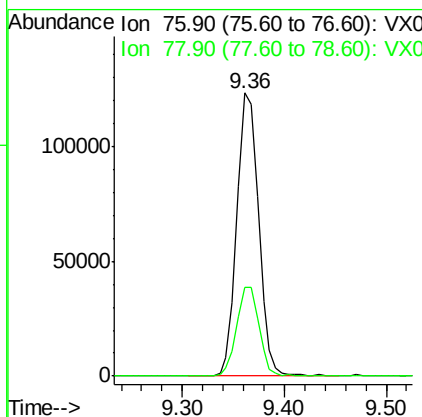
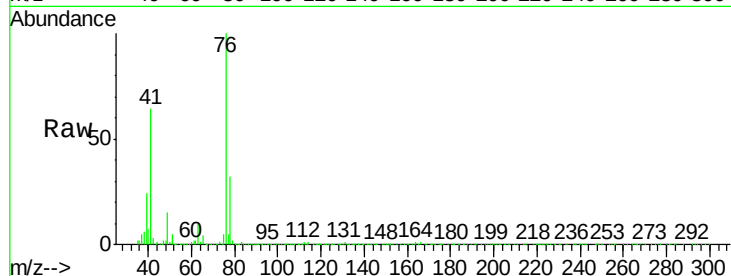
#57
 1,3-Dichloropropane
 Concen: 19.250 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

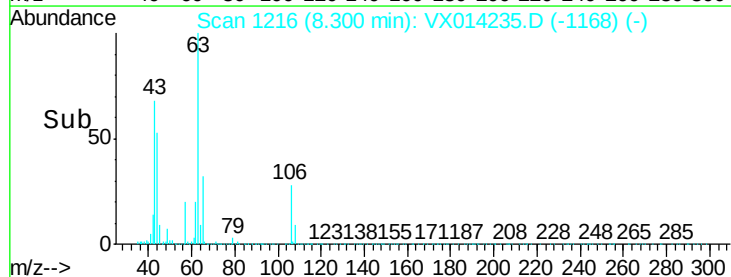
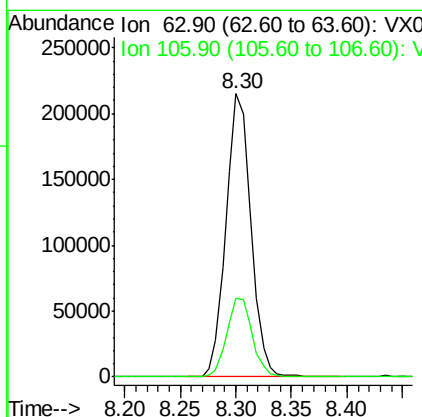
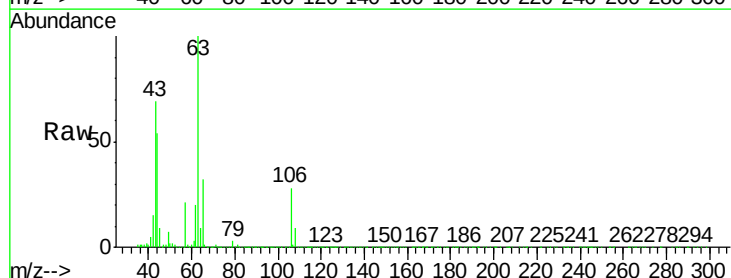
Manual Integrations
 APPROVED

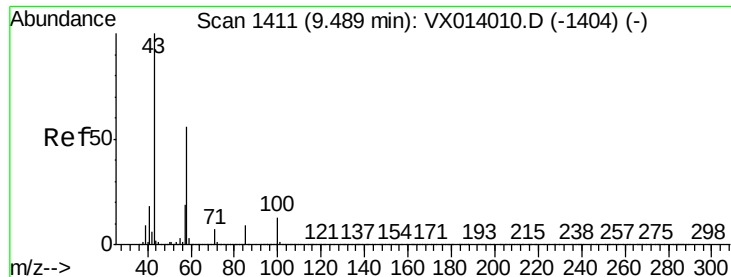
apatel
 12/26/2019 9:24:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.551 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.0	34.6





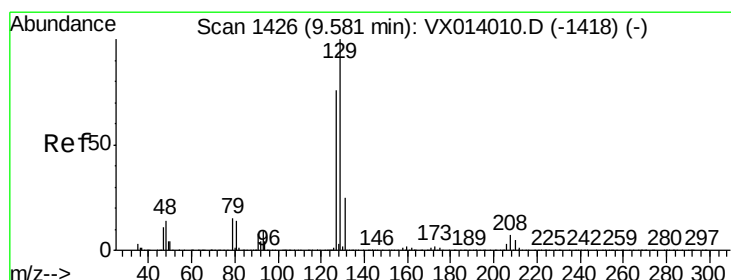
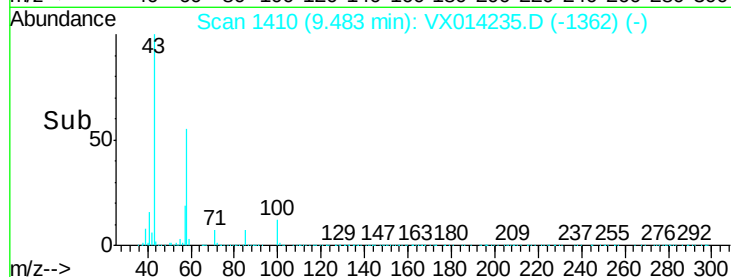
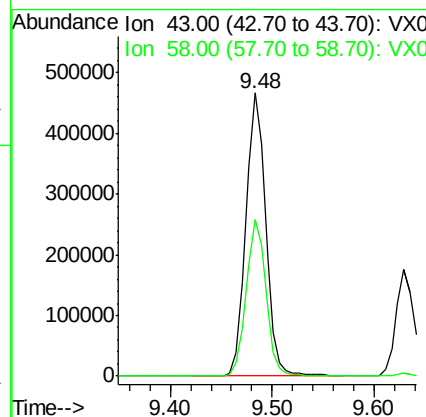
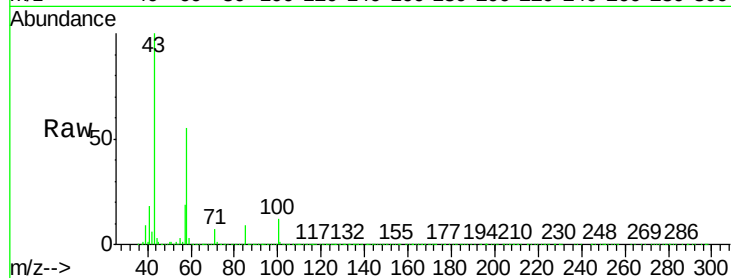
#59
2-Hexanone
Concen: 93.840 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion: 43 Resp: 625992
Ion Ratio Lower Upper
43 100
58 54.9 28.0 84.0

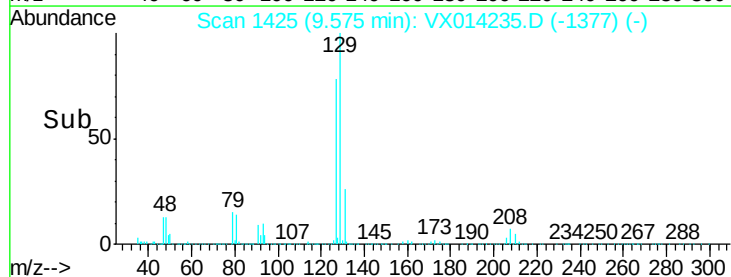
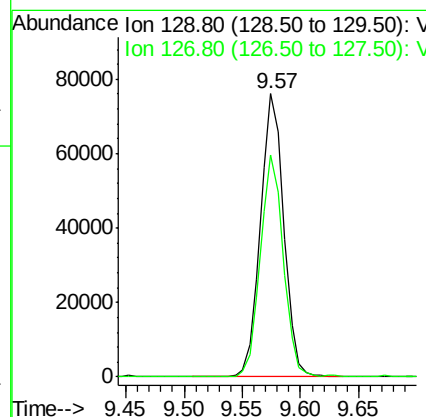
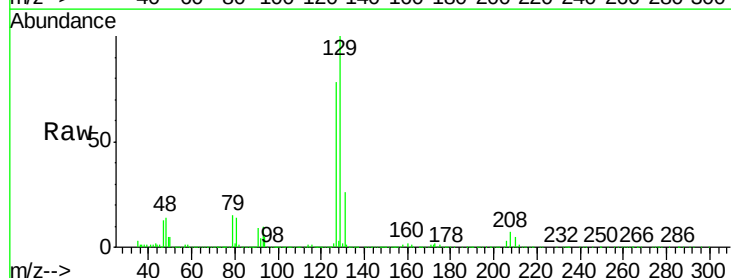
Manual Integrations
APPROVED

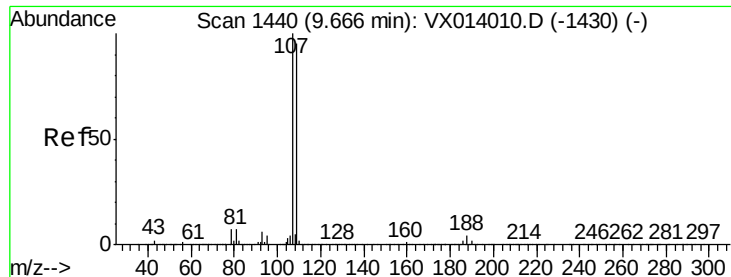
apatel
12/26/2019 9:24:21 AM



#60
Dibromochloromethane
Concen: 19.106 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 129 Resp: 106882
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.618 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 107 Resp: 112962

Ion Ratio Lower Upper

107 100

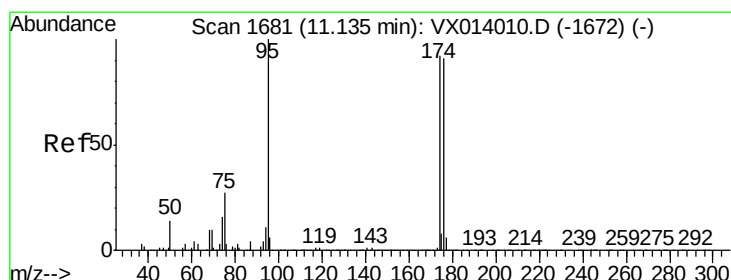
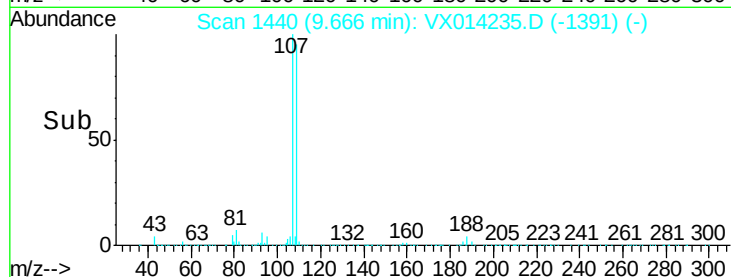
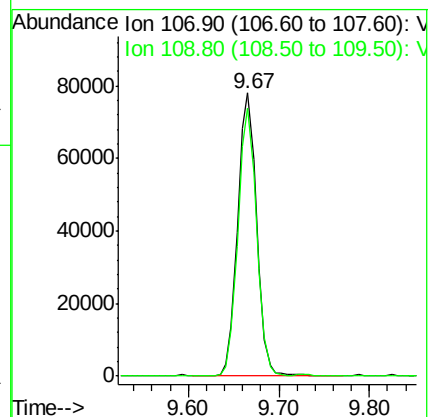
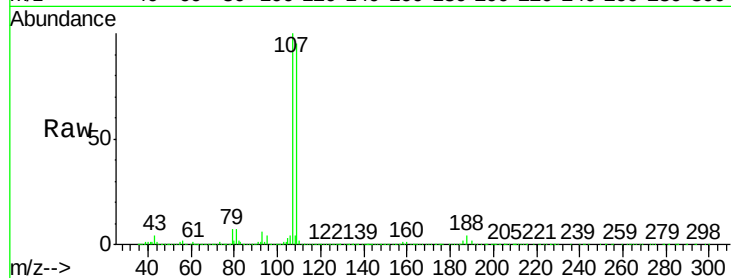
109 93.2 75.7 113.5

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#62

4-Bromofluorobenzene

Concen: 48.204 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

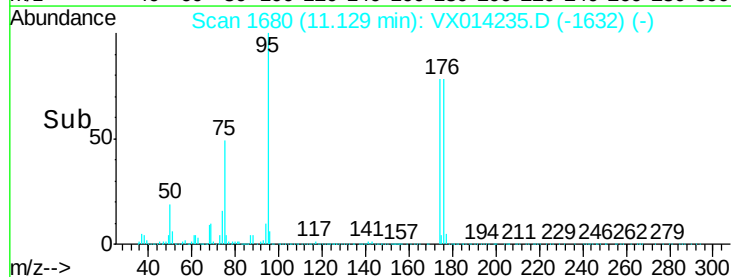
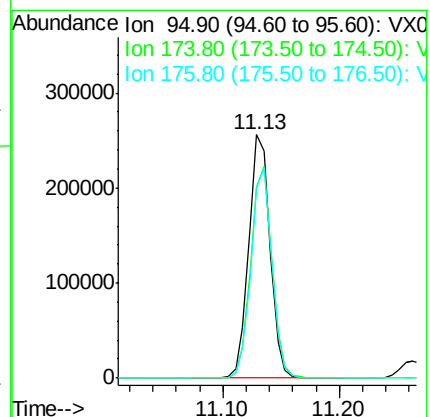
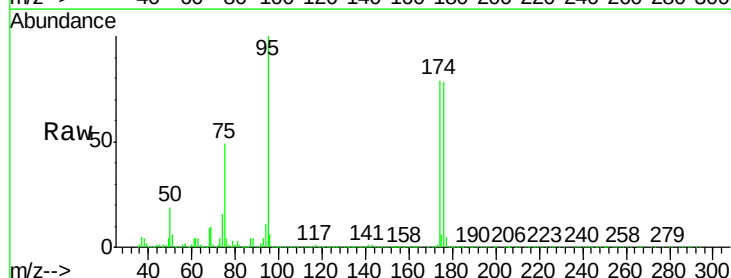
Tgt Ion: 95 Resp: 328151

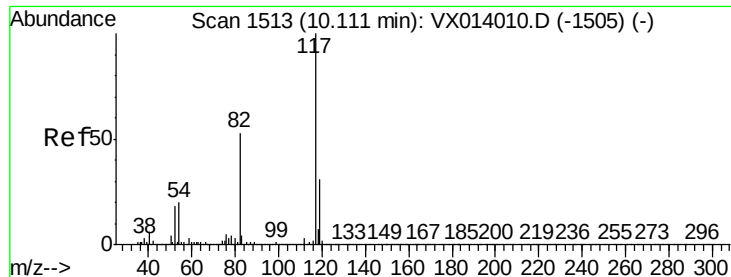
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.8

176 85.6 0.0 173.0





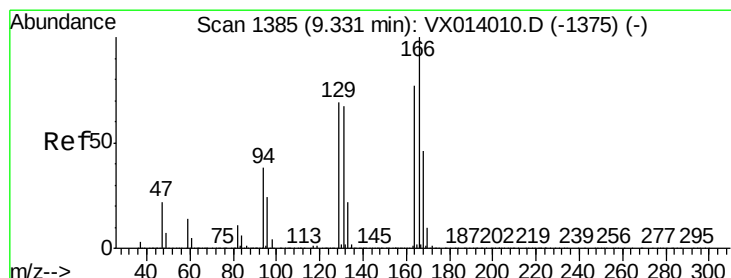
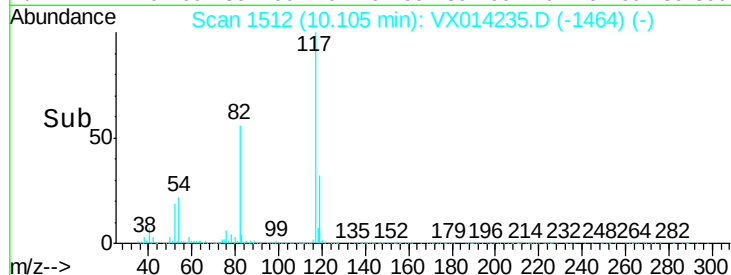
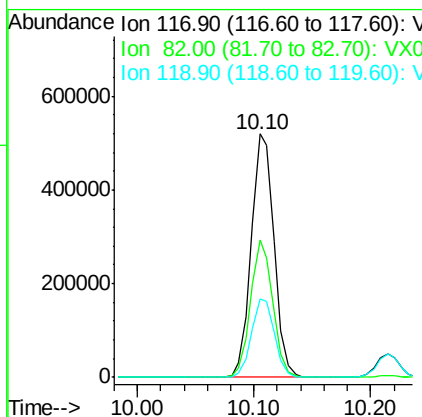
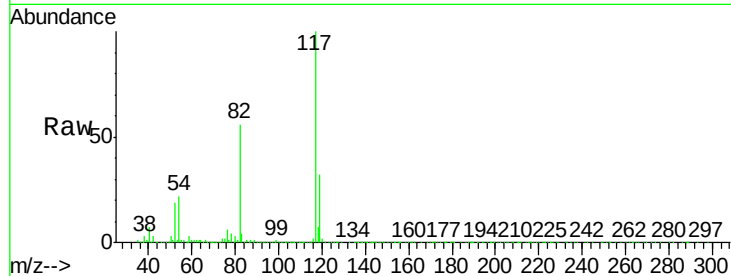
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.4	42.2	63.4
119	32.2	25.1	37.7

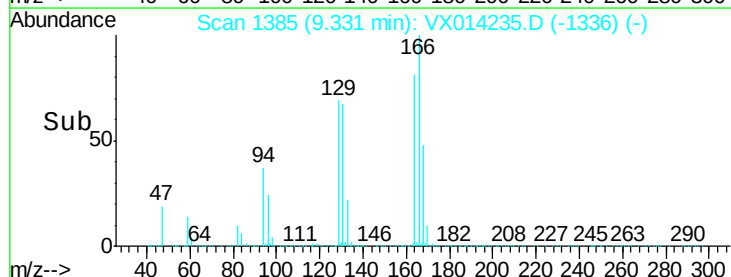
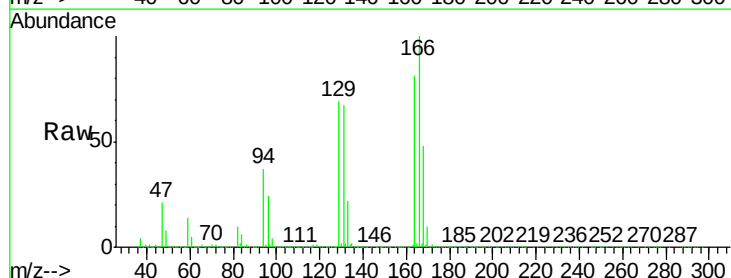
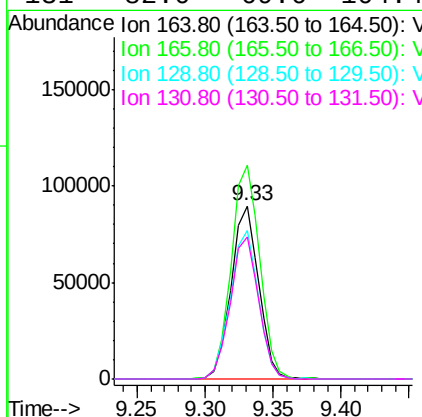
Manual Integrations
APPROVED

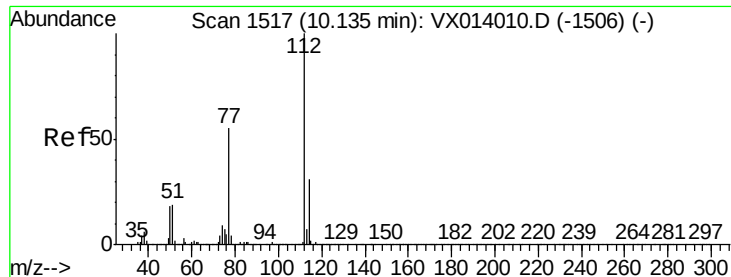
apatel
12/26/2019 9:24:21 AM



#64
Tetrachloroethene
Concen: 20.263 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	123.0	104.0	156.0
129	85.1	72.2	108.4
131	82.0	69.6	104.4





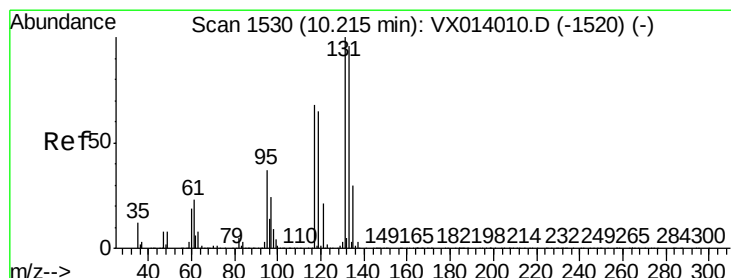
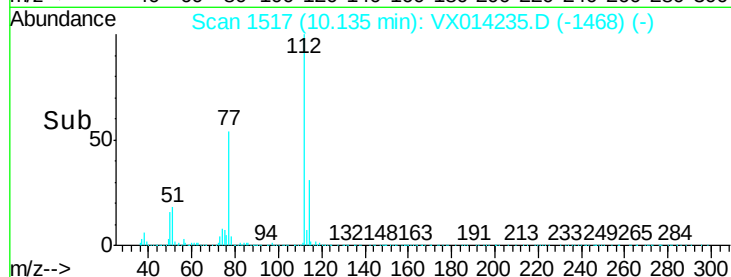
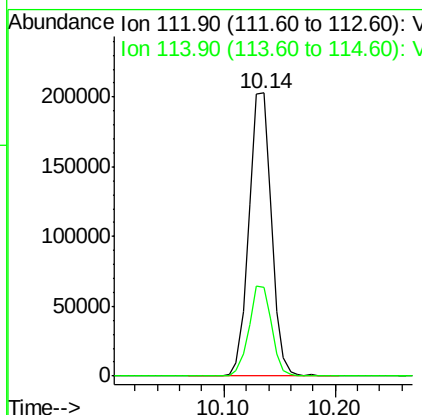
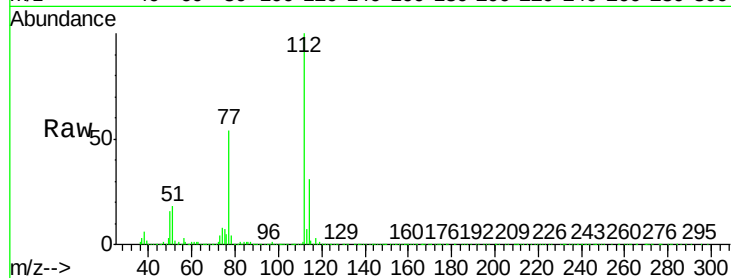
#65
Chlorobenzene
Concen: 18.922 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	285252		
114	31.2	24.9	37.3	

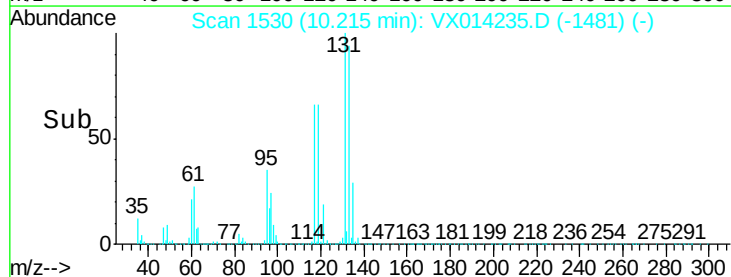
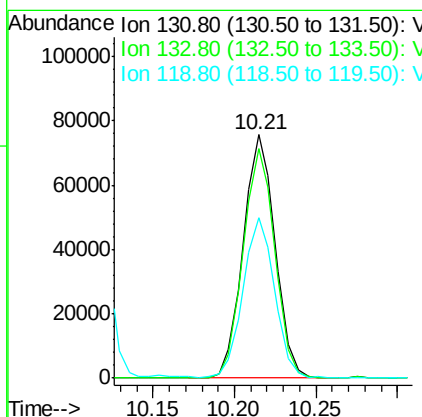
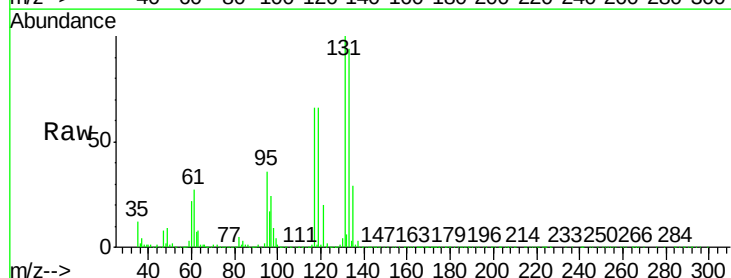
Manual Integrations
APPROVED

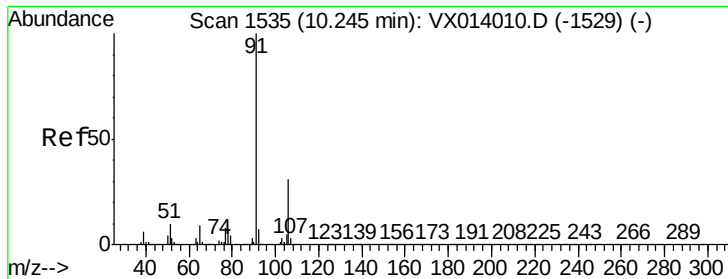
apatel
12/26/2019 9:24:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.174 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	103207		
133	93.4	48.0	144.0	
119	65.3	33.4	100.2	





#67

Ethyl Benzene

Concen: 18.931 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 91 Resp: 490659

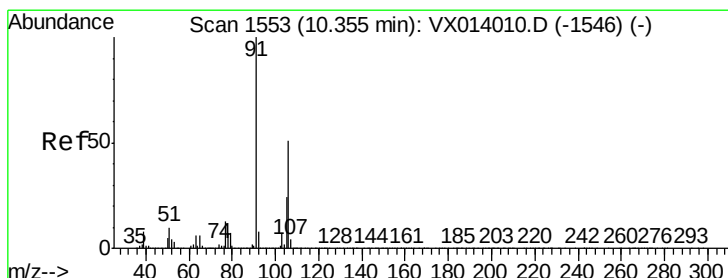
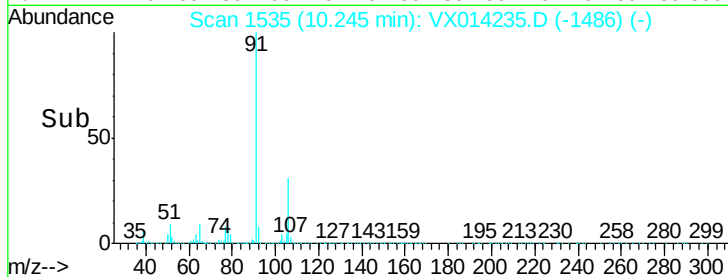
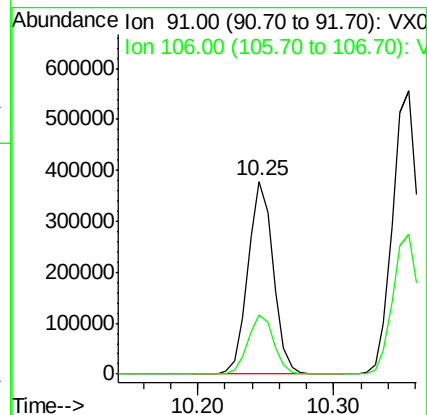
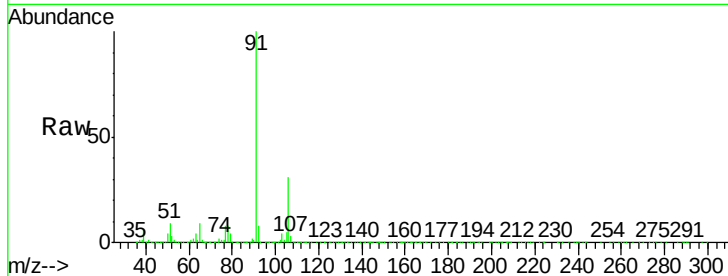
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#68

m/p-Xylenes

Concen: 37.122 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014235.D

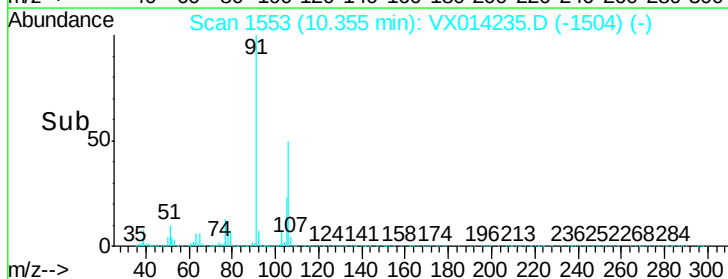
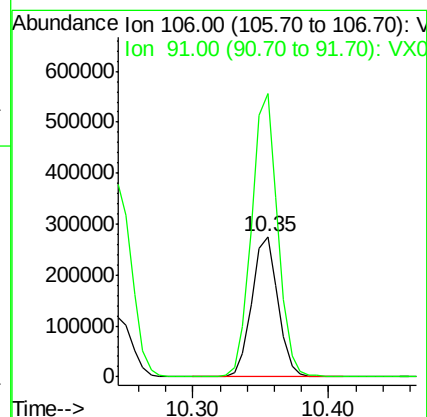
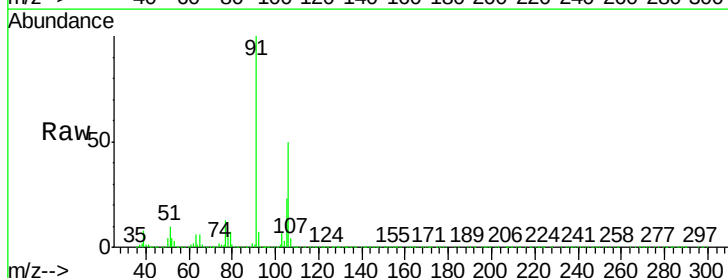
Acq: 24 Dec 2019 11:09

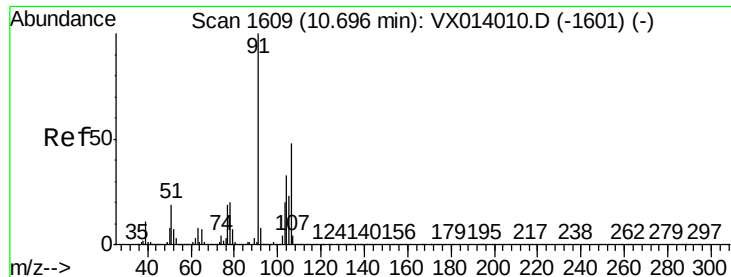
Tgt Ion: 106 Resp: 370048

Ion Ratio Lower Upper

106 100

91 202.4 158.6 238.0





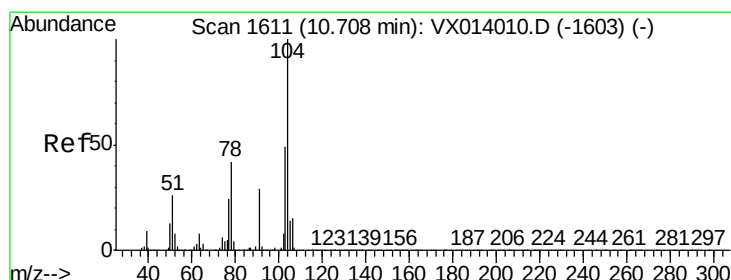
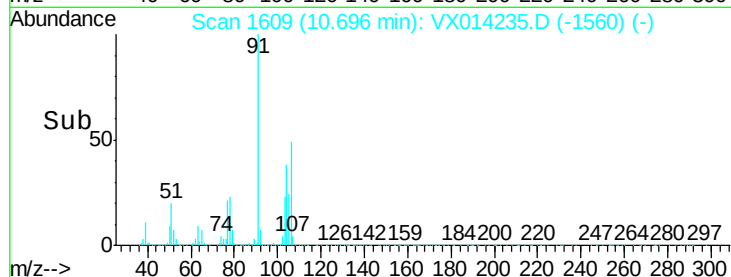
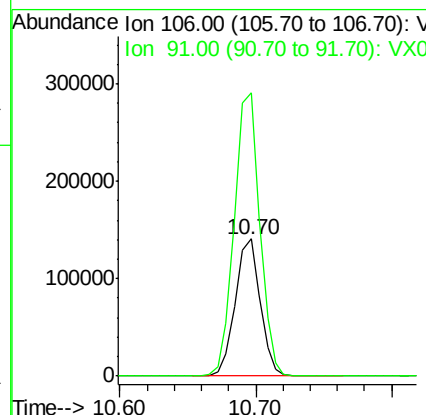
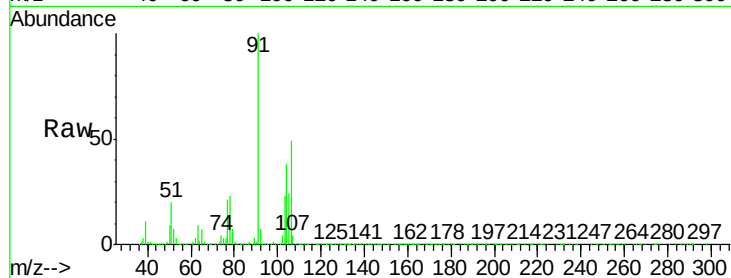
#69
o-Xylene
Concen: 18.397 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion:106 Resp: 179860
Ion Ratio Lower Upper
106 100
91 211.4 104.2 312.6

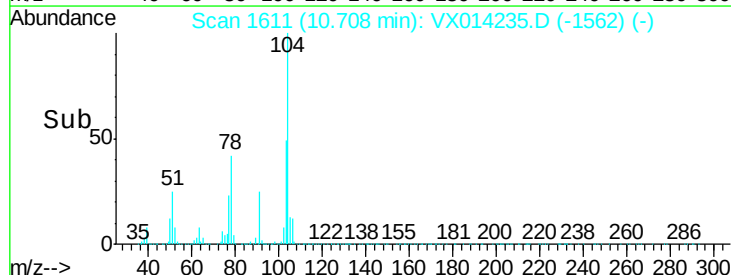
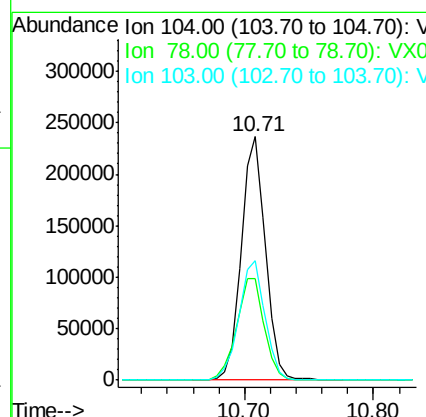
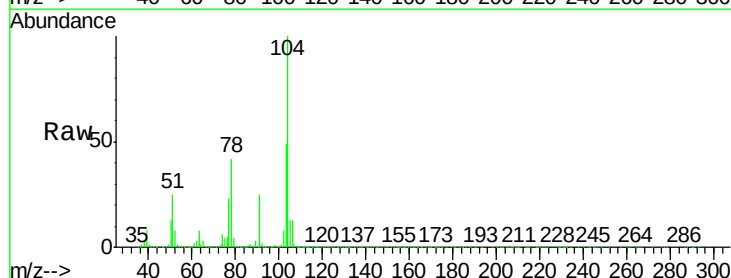
Manual Integrations
APPROVED

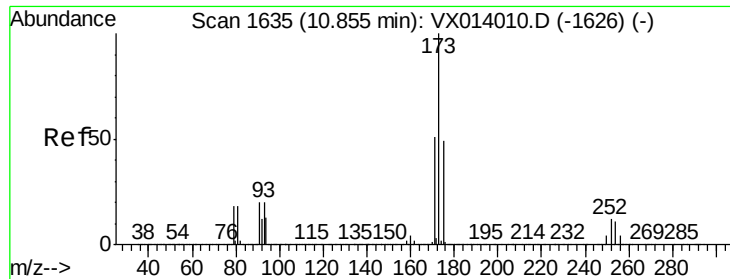
apatel
12/26/2019 9:24:21 AM



#70
Styrene
Concen: 18.611 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion:104 Resp: 307672
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.5 42.9 64.3





#71

Bromoform

Concen: 17.916 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

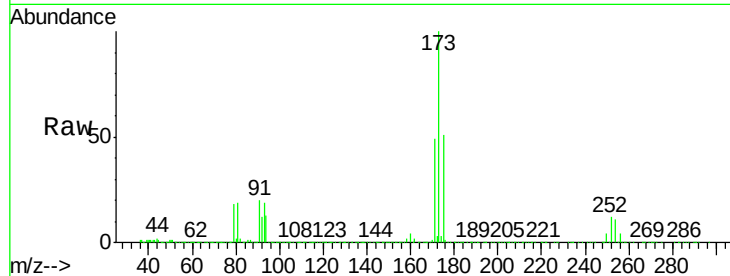
ClientSampleId :

VX1224WBS01

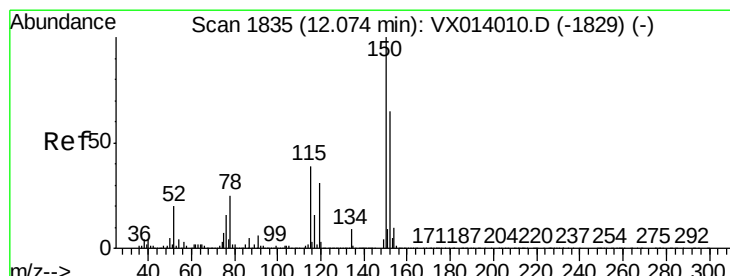
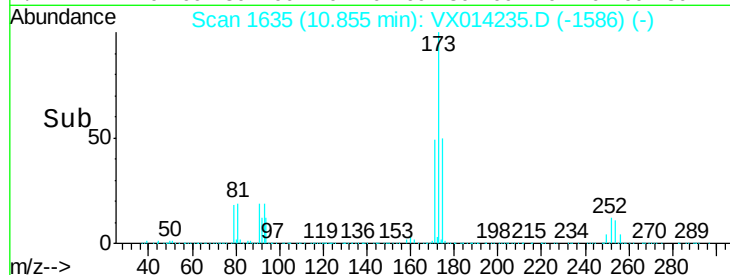
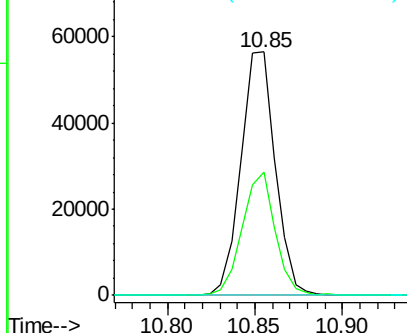
Tot Ion:	173	Resp:	77518
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.4	73.4
254	0.3	0.2	0.2#

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

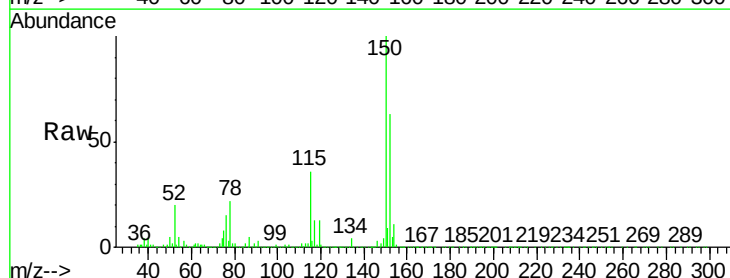
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

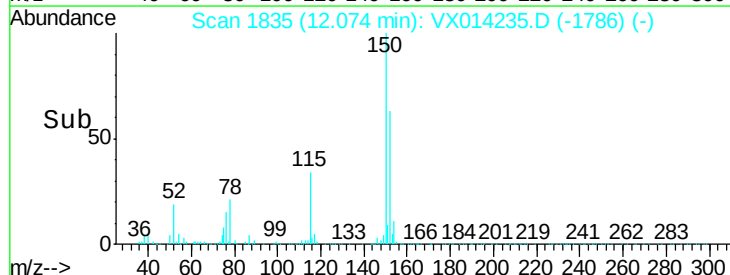
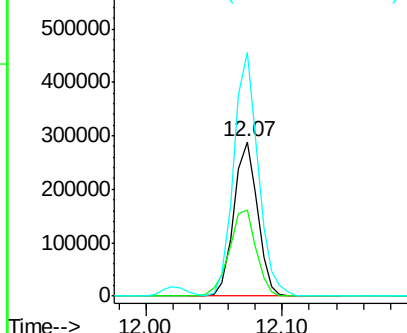
Lab File: VX014235.D

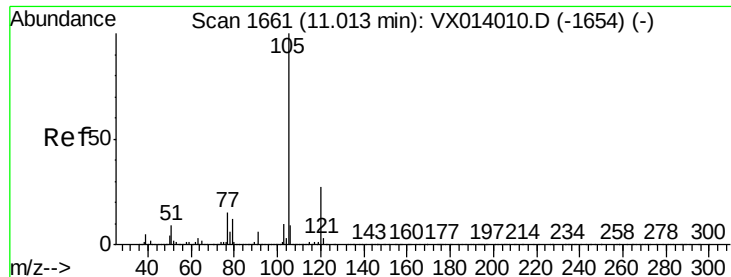
Acq: 24 Dec 2019 11:09

Tgt Ion:	152	Resp:	349083
Ion Ratio	Lower	Upper	
152	100		
115	63.4	38.3	114.9
150	162.9	0.0	345.4



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: 19.644 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 105 Resp: 482802

Ion Ratio Lower Upper

105 100

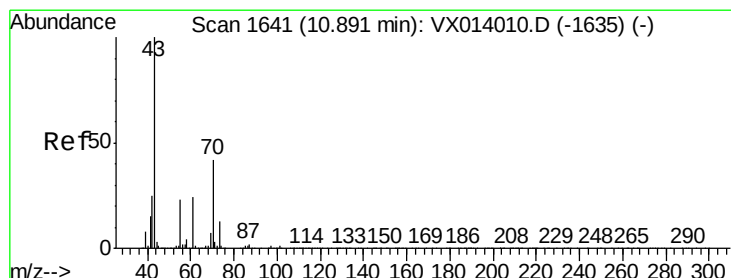
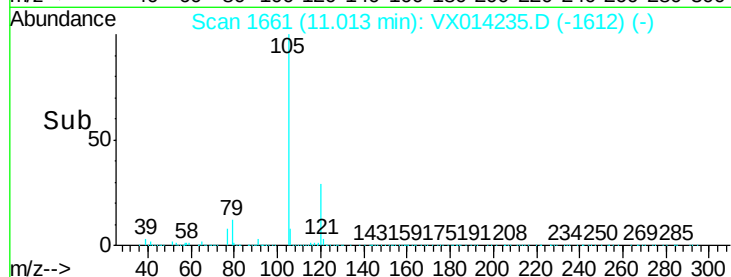
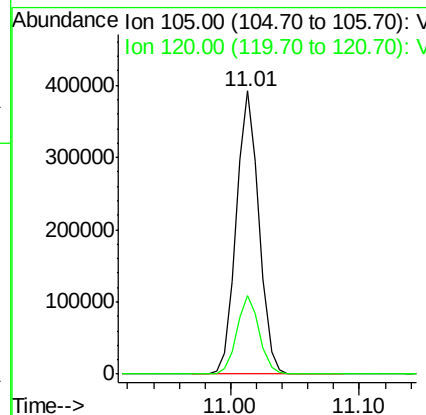
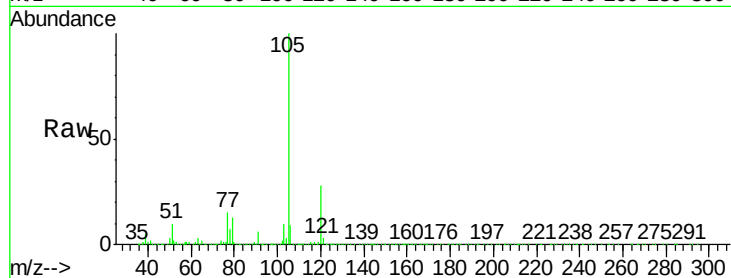
120 27.2 13.5 40.4

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#74

N-ethyl acetate

Concen: 18.293 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion: 43 Resp: 210744

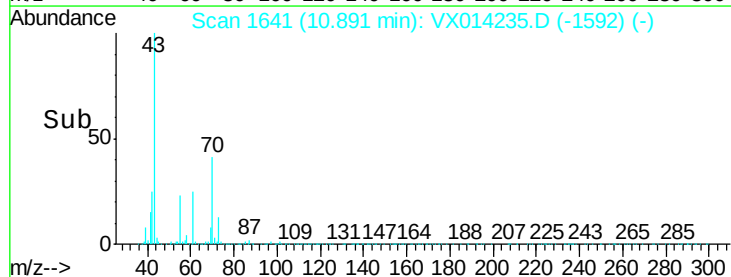
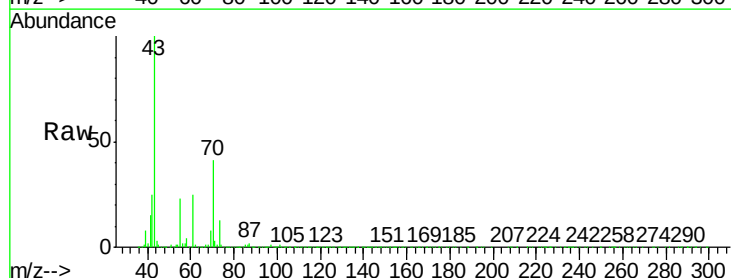
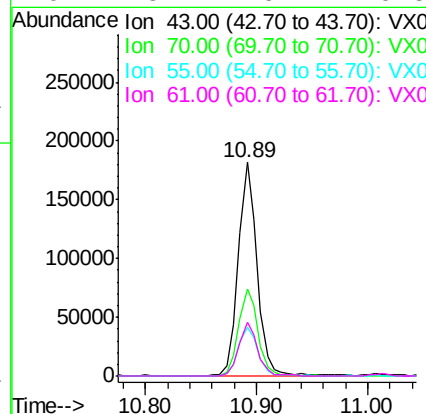
Ion Ratio Lower Upper

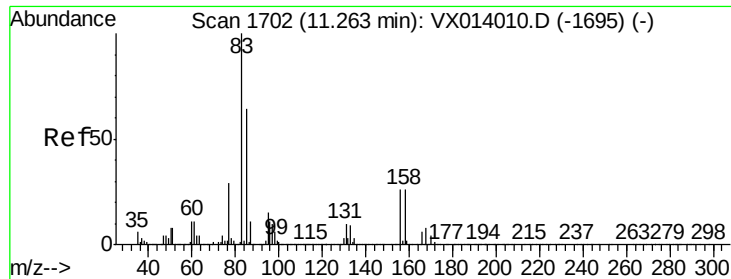
43 100

70 42.2 34.4 51.6

55 24.1 19.1 28.7

61 25.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.709 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

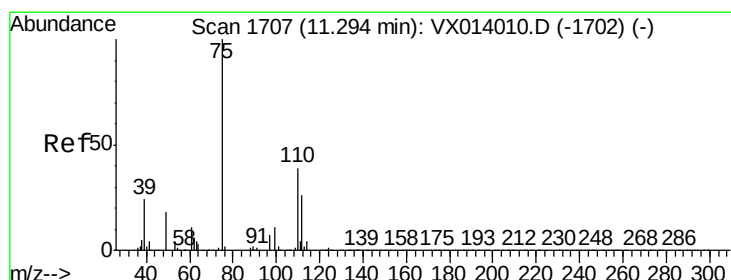
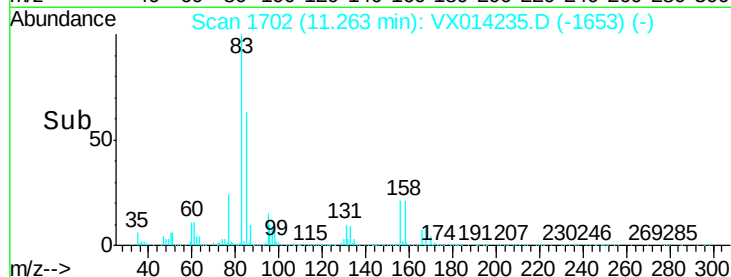
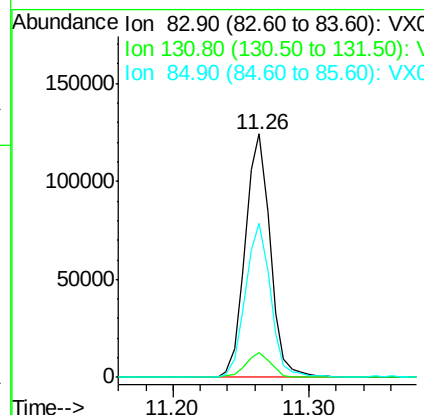
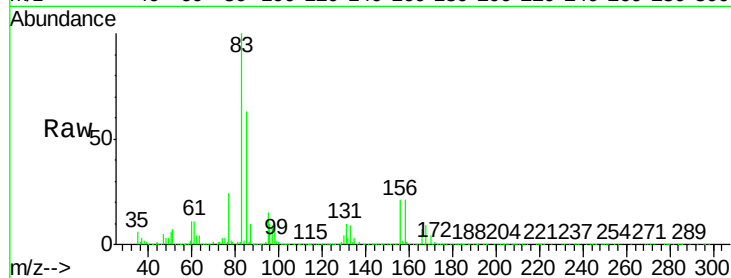
ClientSampleId :

VX1224WBS01

Tot Ion:	83	Resp:	159424
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.2	31.9	95.7

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#76

1,2,3-Trichloropropane

Concen: 17.599 ug/l m

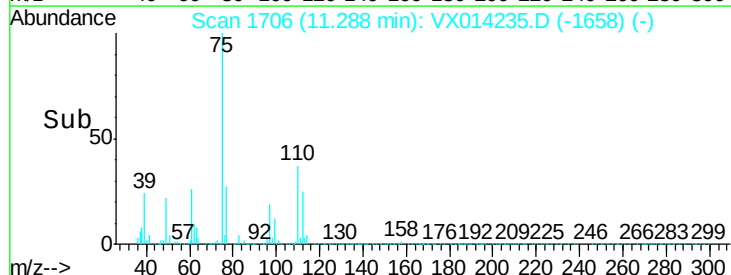
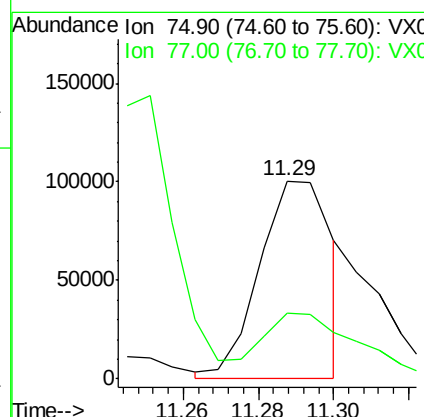
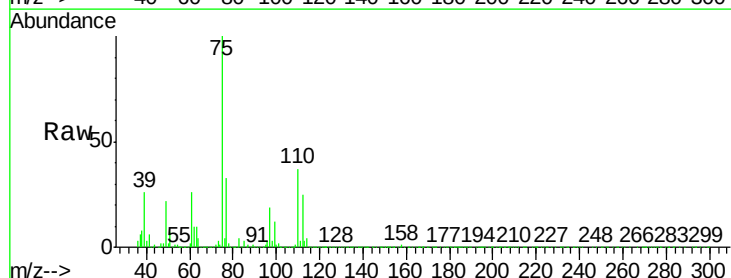
RT: 11.29 min Scan# 1706

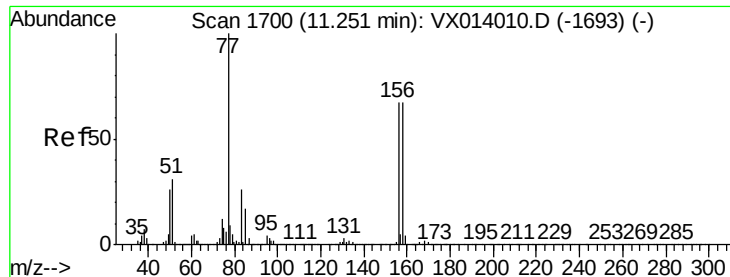
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	75	Resp:	133374
Ion Ratio	Lower	Upper	
75	100		
77	44.9	19.3	57.8





#77

Bromobenzene

Concen: 18.408 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

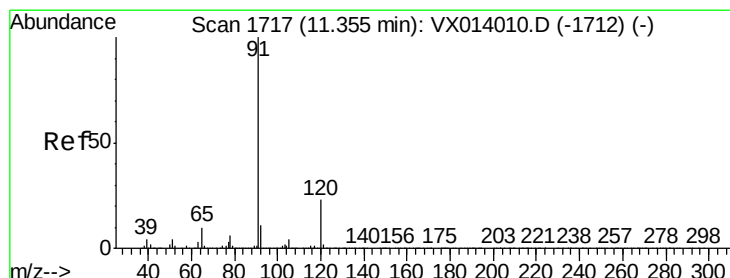
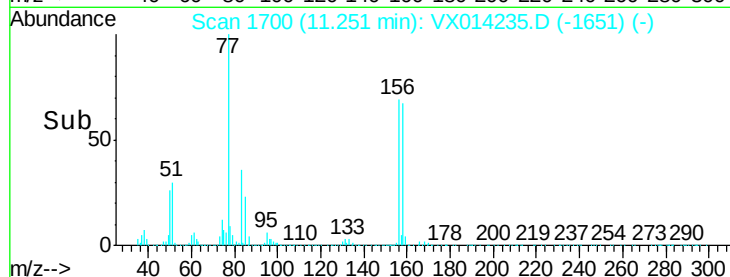
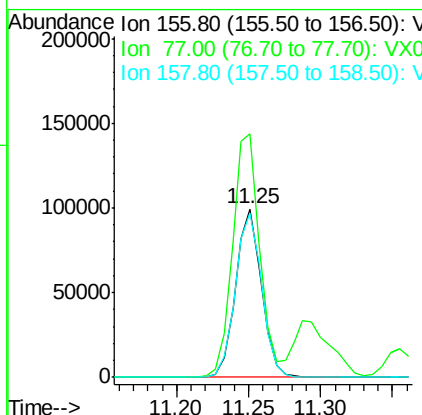
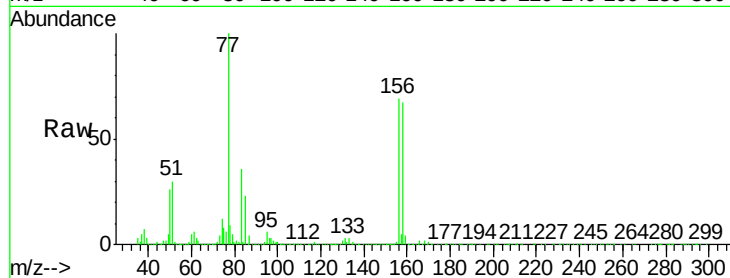
ClientSampleId :

VX1224WBS01

Tot Ion:	156	Resp:	124482
Ion Ratio	Lower	Upper	
156	100		
77	150.3	76.5	229.5
158	99.5	49.3	147.9

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#78

n-propylbenzene

Concen: 19.794 ug/l

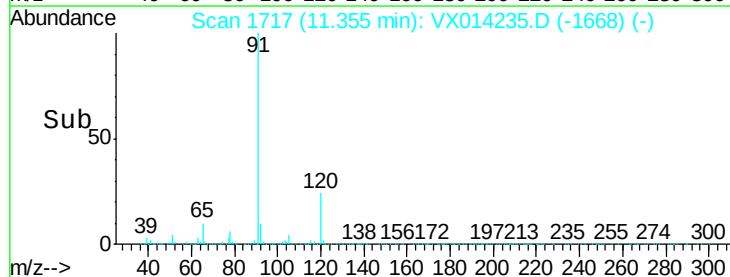
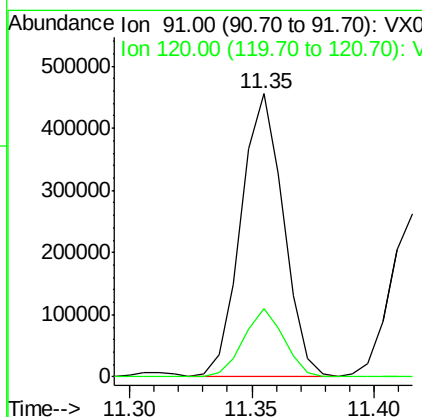
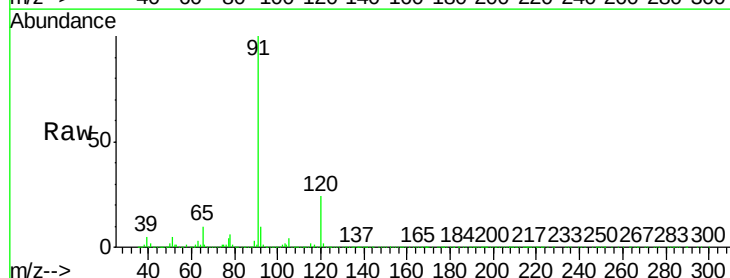
RT: 11.35 min Scan# 1717

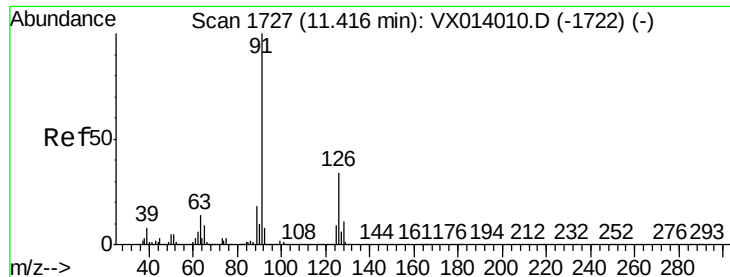
Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	91	Resp:	545698
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.150 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 91 Resp: 320917

Ion Ratio Lower Upper

91 100

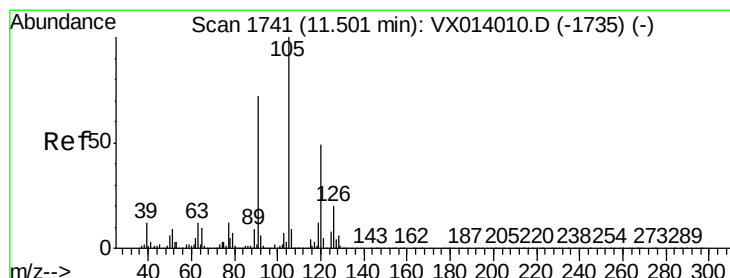
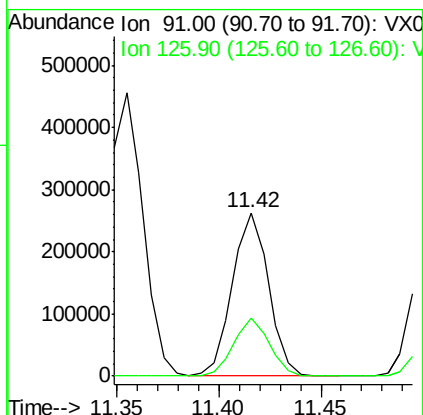
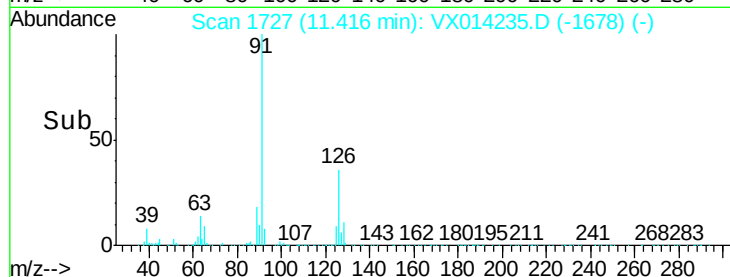
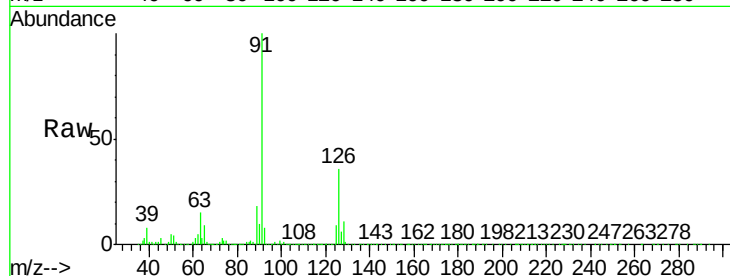
126 35.4 17.2 51.6

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:21 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.468 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014235.D

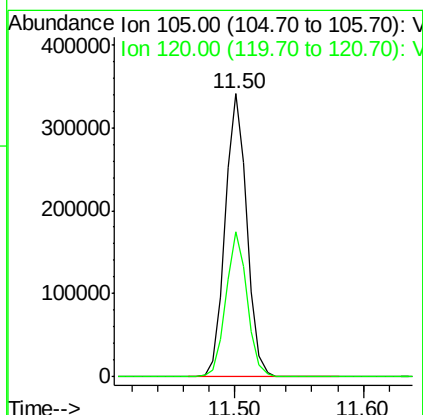
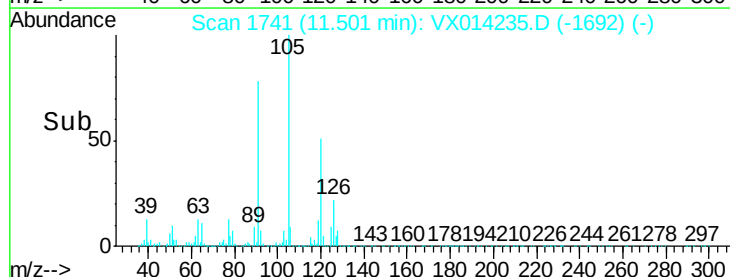
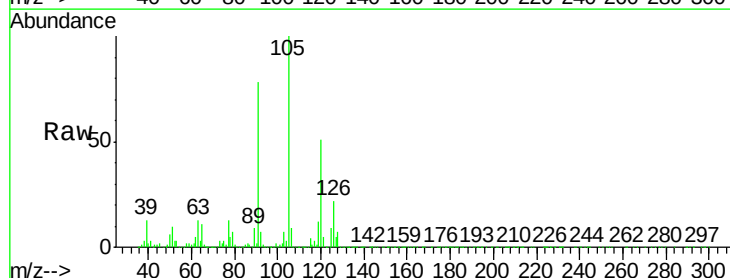
Acq: 24 Dec 2019 11:09

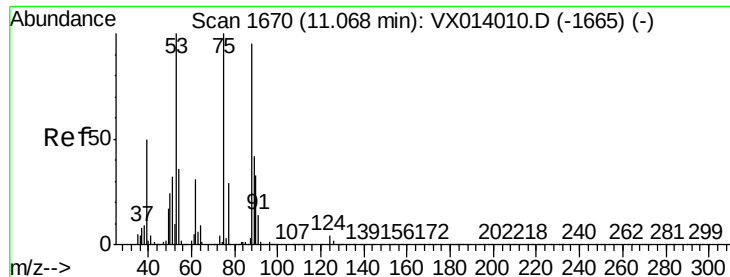
Tgt Ion: 105 Resp: 402700

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.867 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

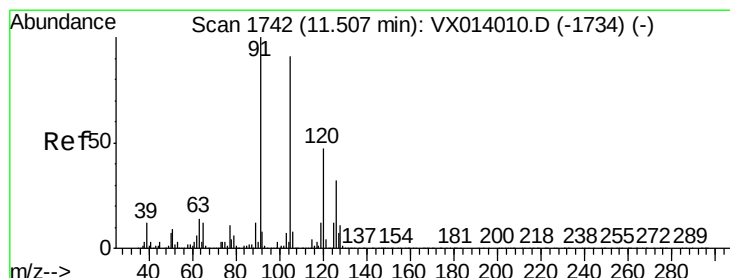
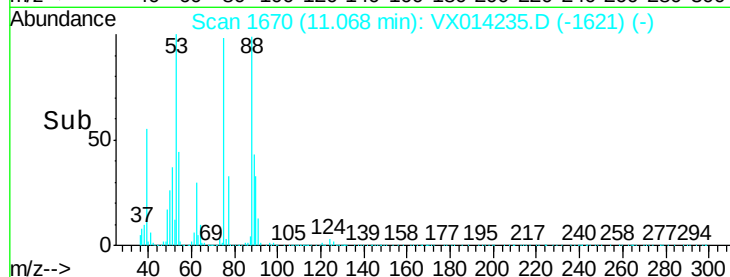
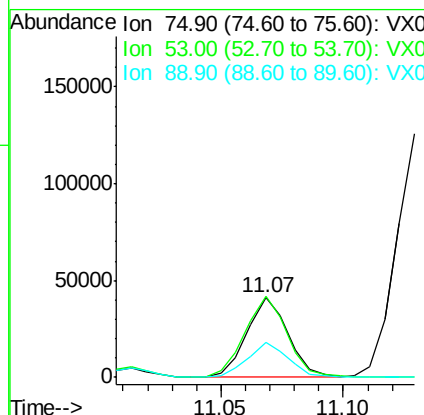
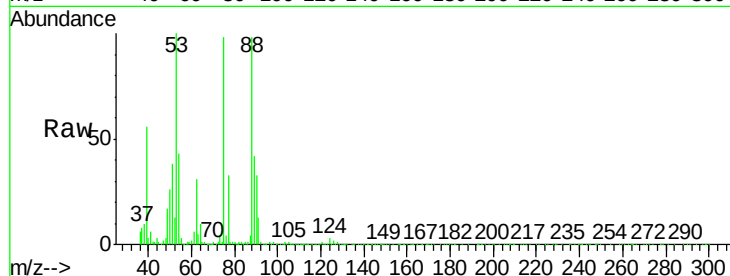
ClientSampleId :

VX1224WBS01

Tot Ion:	75	Resp:	47972
Ion Ratio	Lower	Upper	
75	100		
53	103.3	76.7	115.1
89	44.5	34.6	51.8

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#82

4-Chlorotoluene

Concen: 19.050 ug/l

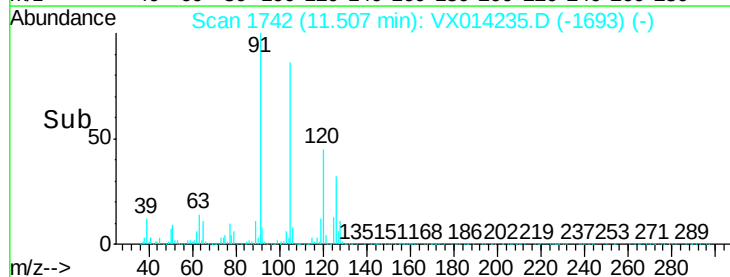
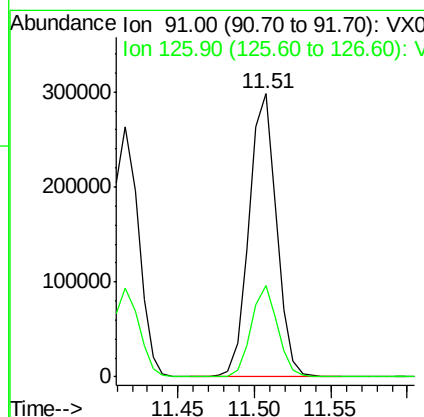
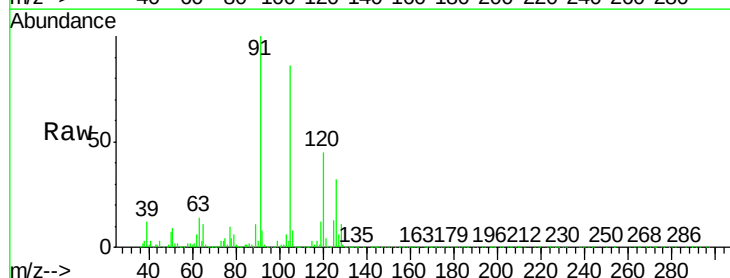
RT: 11.51 min Scan# 1742

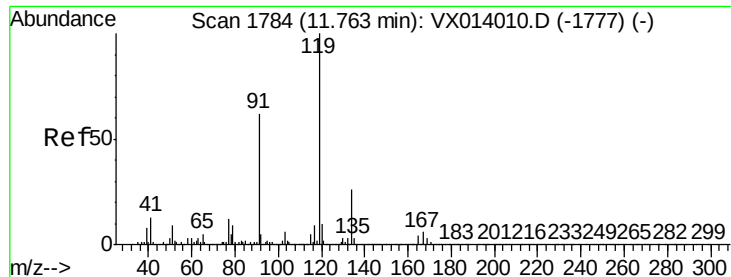
Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	91	Resp:	370320
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.6	46.8





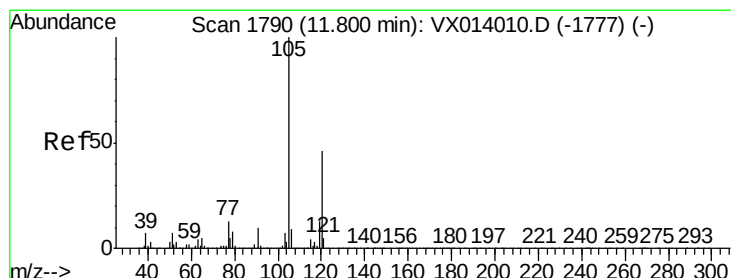
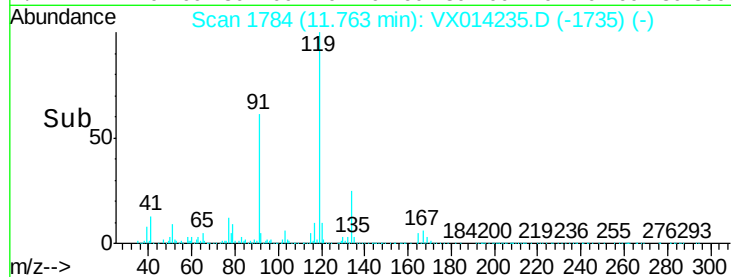
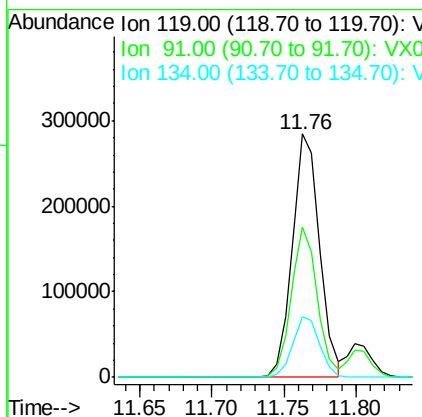
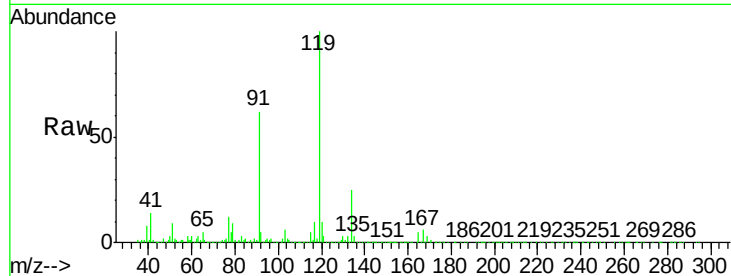
#83
tert-Butylbenzene
Concen: 18.706 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	376556		
91	59.0	28.5	85.6	
134	24.6	12.2	36.6	

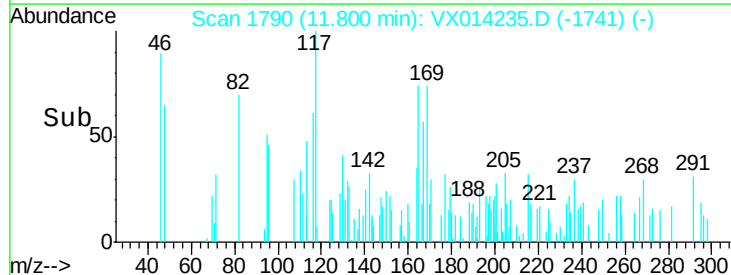
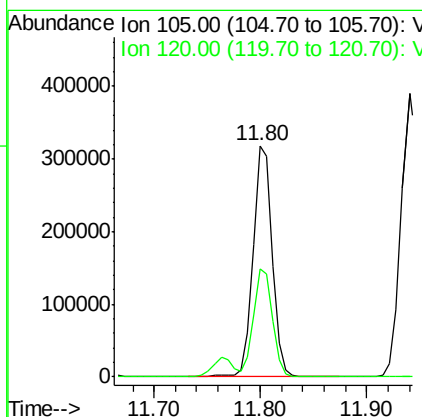
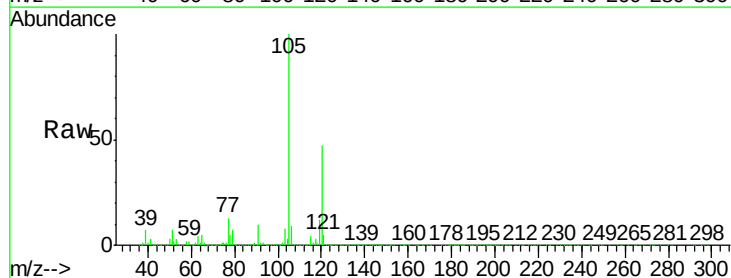
Manual Integrations
APPROVED

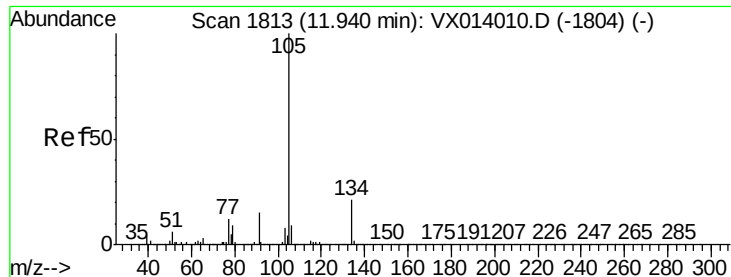
apatel
12/26/2019 9:24:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.311 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	400017		
120	46.3	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.813 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:105 Resp: 470842

Ion Ratio Lower Upper

105 100

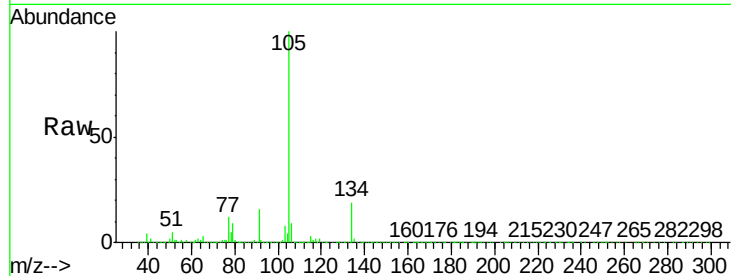
134 20.3 10.4 31.1

Manual Integrations

APPROVED

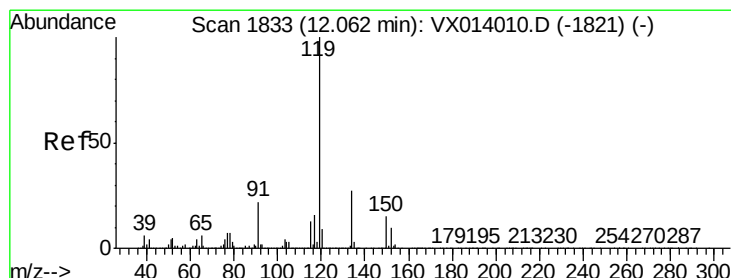
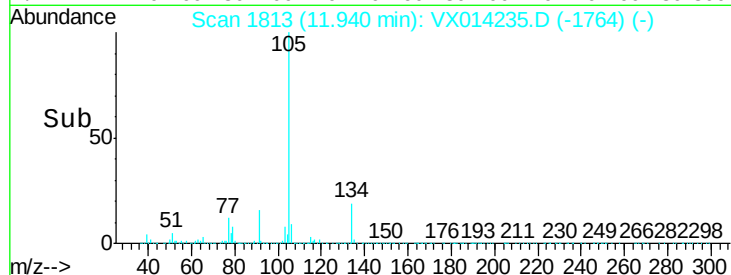
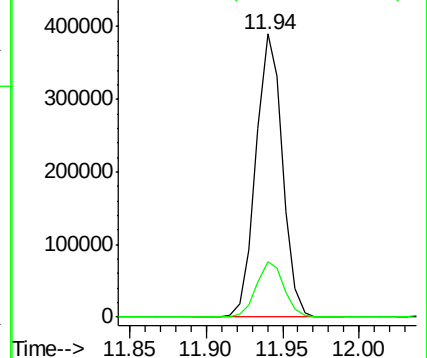
apatel

12/26/2019 9:24:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.480 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

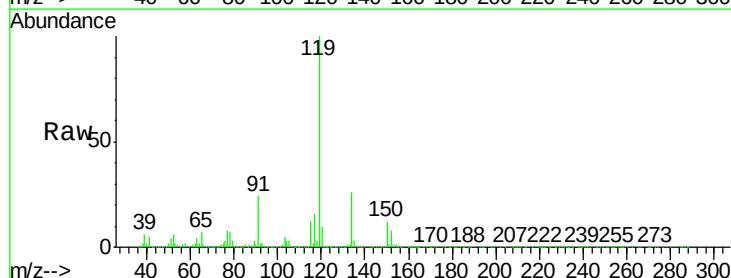
Tgt Ion:119 Resp: 423450

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

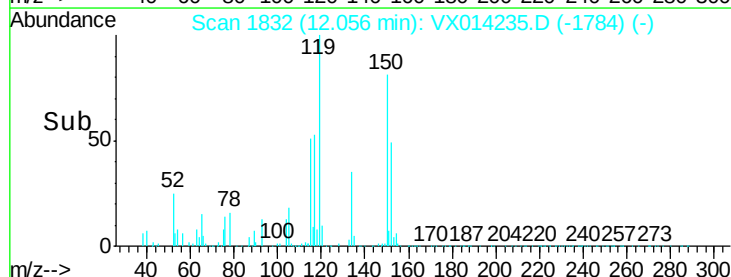
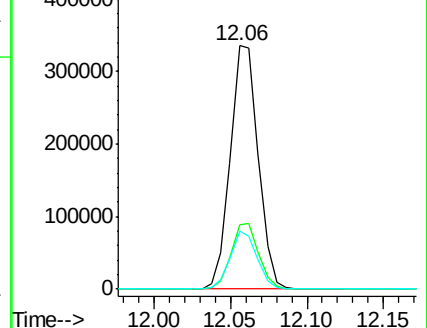
91 22.9 11.4 34.1

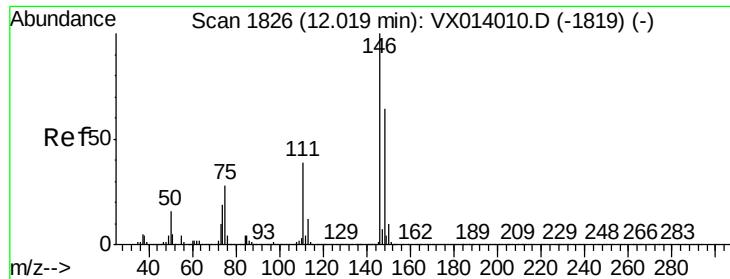


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





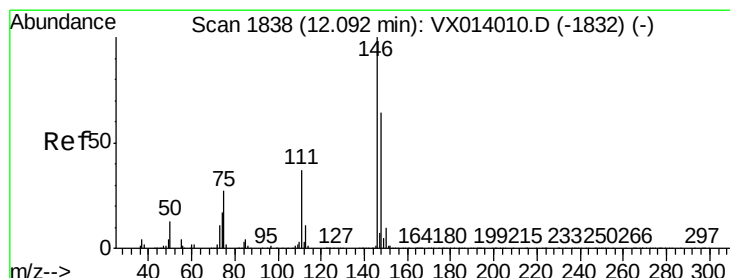
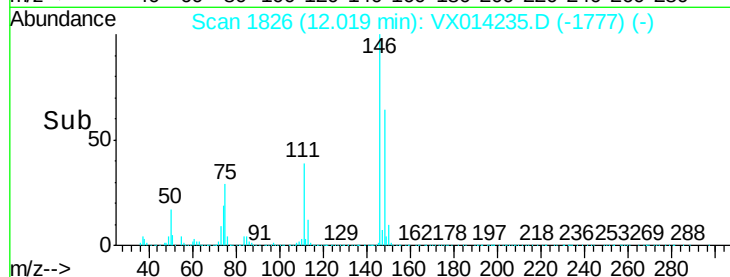
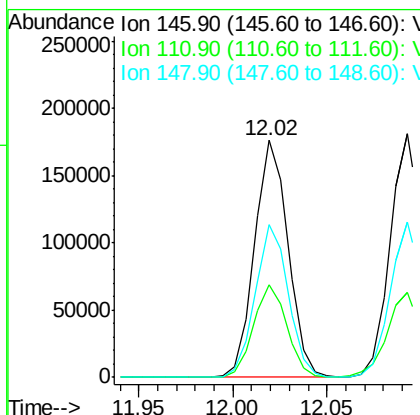
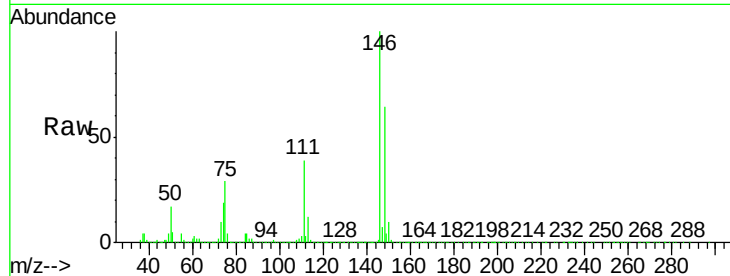
#87
 1,3-Dichlorobenzene
 Concen: 18.339 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	63.5	32.3	96.9

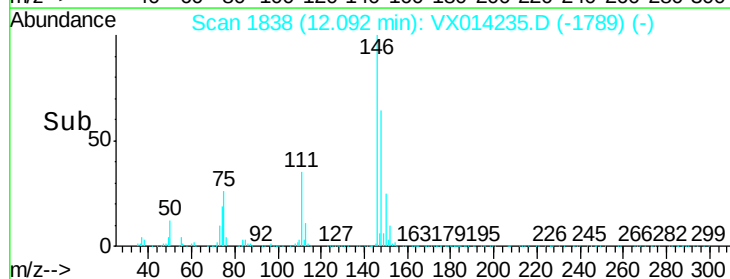
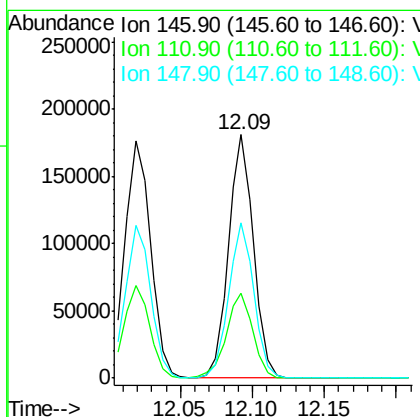
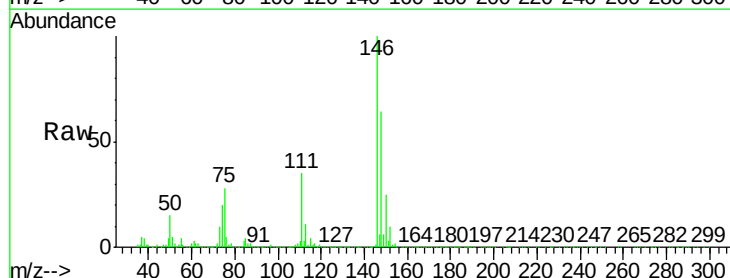
Manual Integrations
 APPROVED

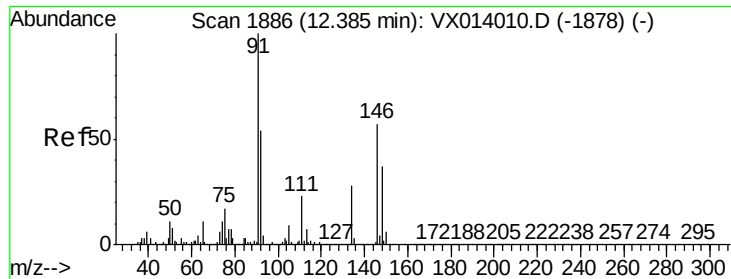
apatel
 12/26/2019 9:24:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.276 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.2	31.9	95.9





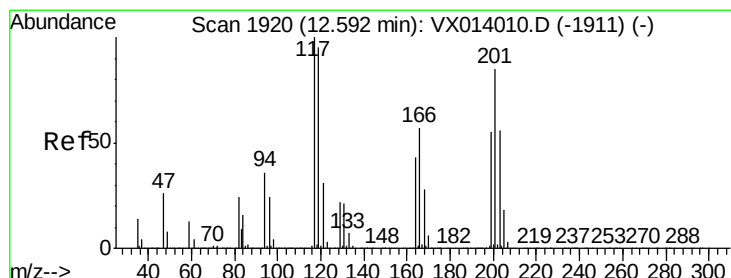
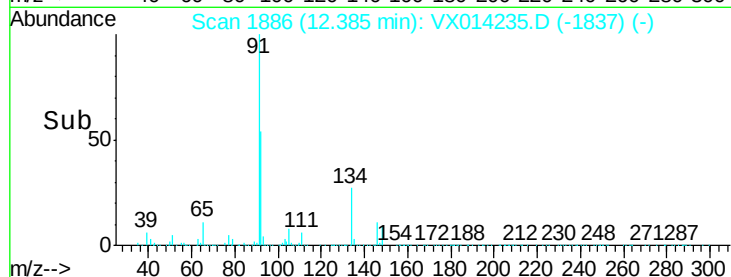
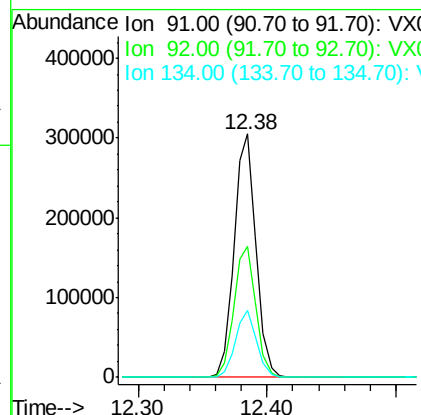
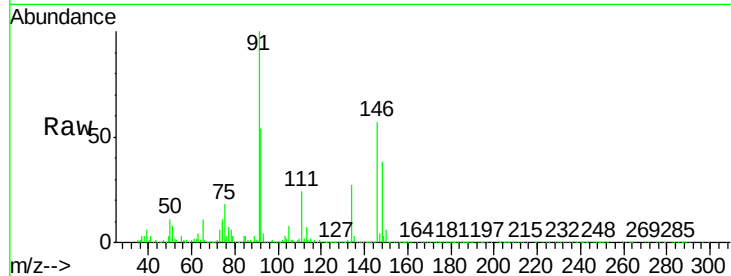
#89
n-Butylbenzene
Concen: 19.496 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	27.2	81.6	
134	26.6	13.4	40.1	

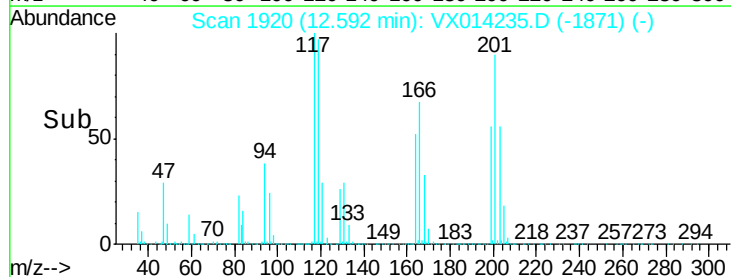
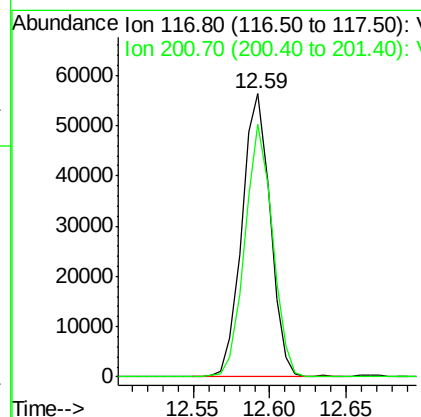
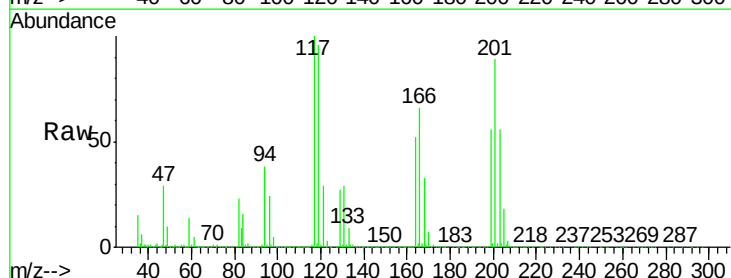
Manual Integrations
APPROVED

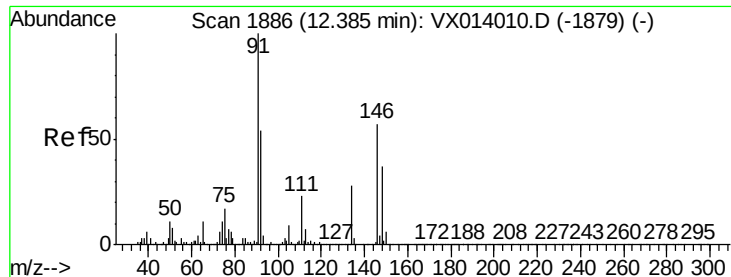
apatel
12/26/2019 9:24:21 AM



#90
Hexachloroethane
Concen: 18.431 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.6	43.1	129.3	





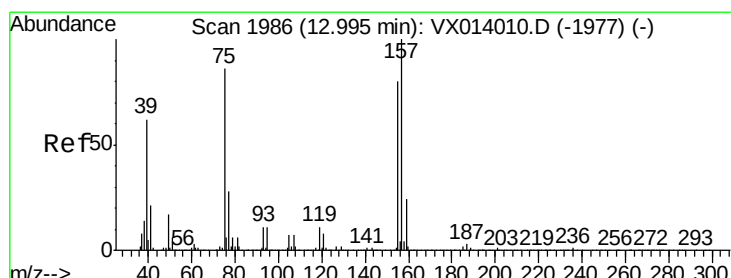
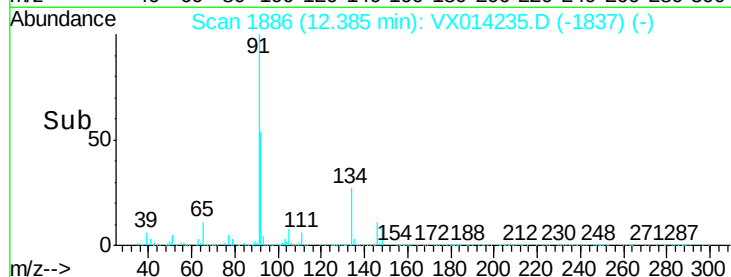
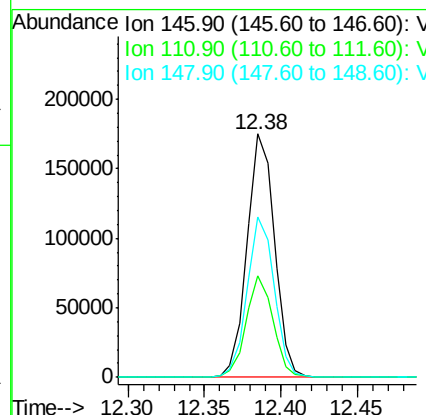
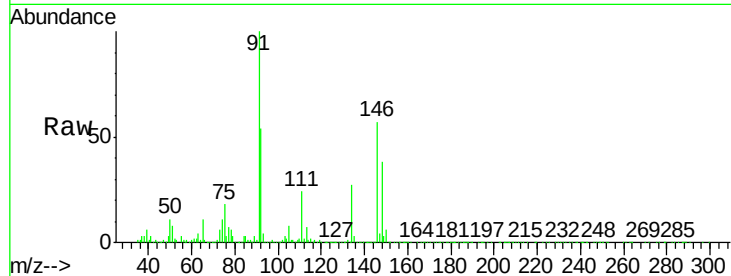
#91
 1,2-Dichlorobenzene
 Concen: 18.320 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	218566		
111	40.5	19.7	59.1	
148	64.8	32.1	96.5	

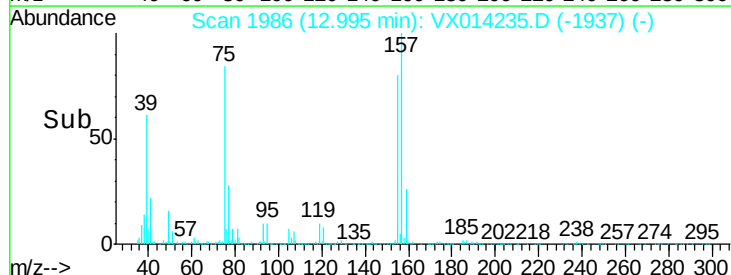
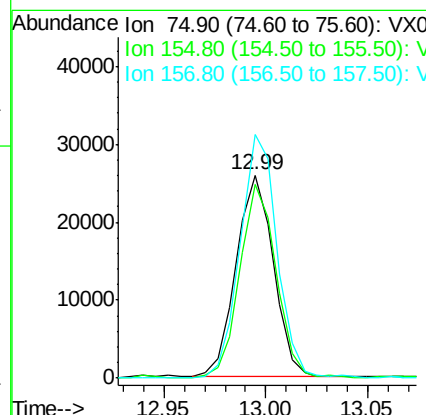
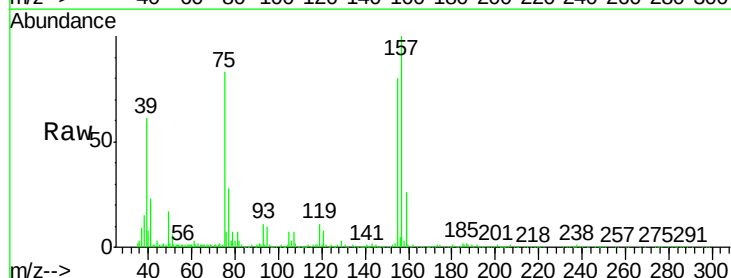
Manual Integrations
 APPROVED

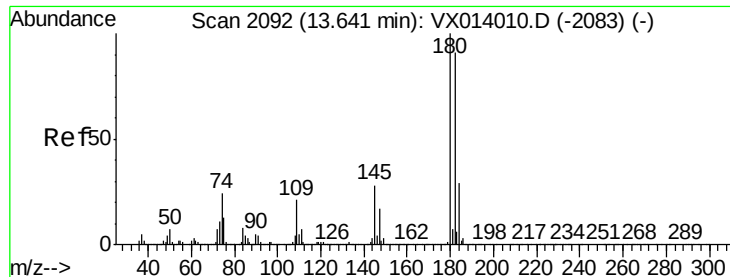
apatel
 12/26/2019 9:24:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.300 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32622		
155	93.4	46.9	140.6	
157	121.3	60.8	182.4	





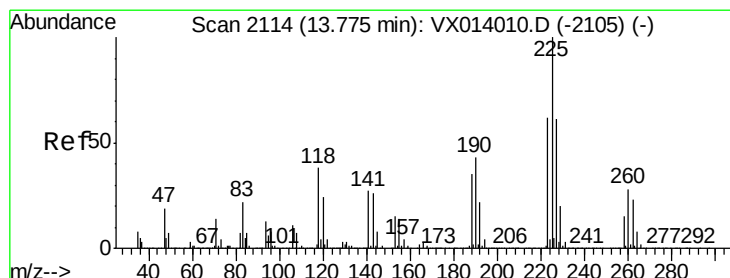
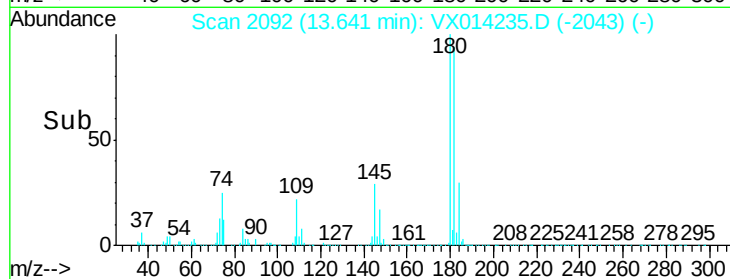
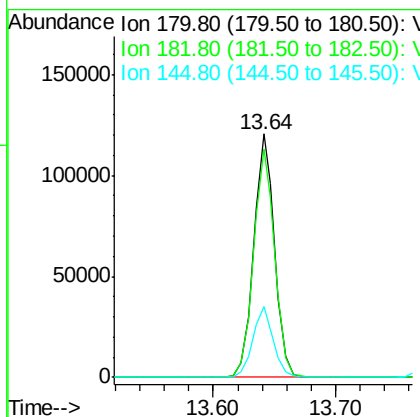
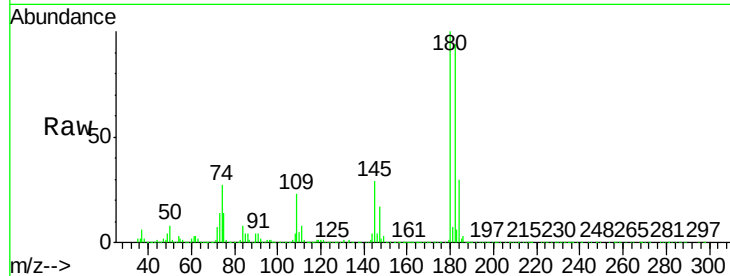
#93
 1,2,4-Trichlorobenzene
 Concen: 18.505 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143499		
182	95.6	46.6	139.8	
145	28.5	14.2	42.6	

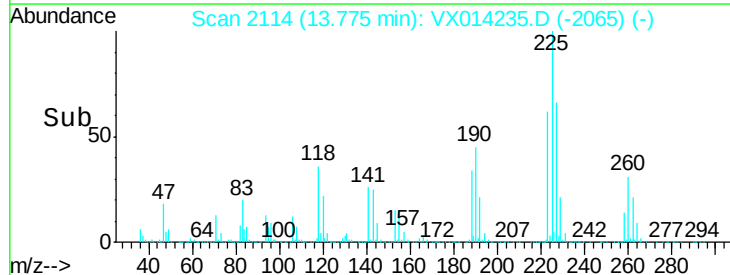
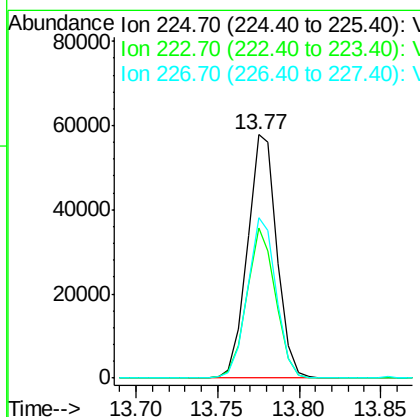
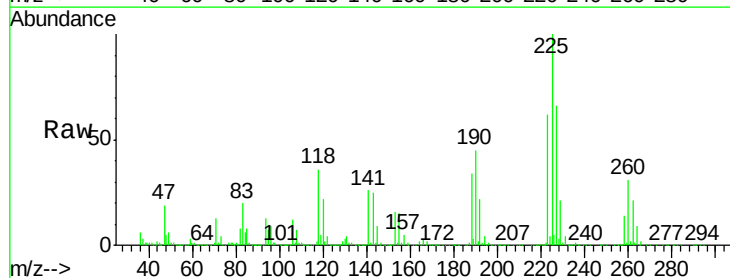
Manual Integrations
 APPROVED

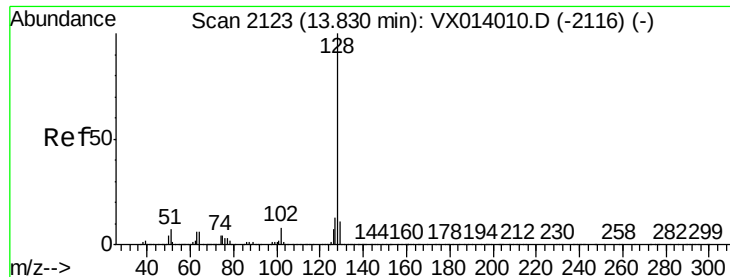
apatel
 12/26/2019 9:24:21 AM



#94
 Hexachlorobutadiene
 Concen: 19.511 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72712		
223	60.4	30.9	92.5	
227	64.5	30.9	92.7	





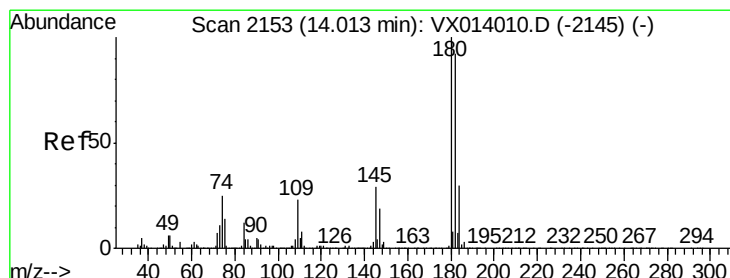
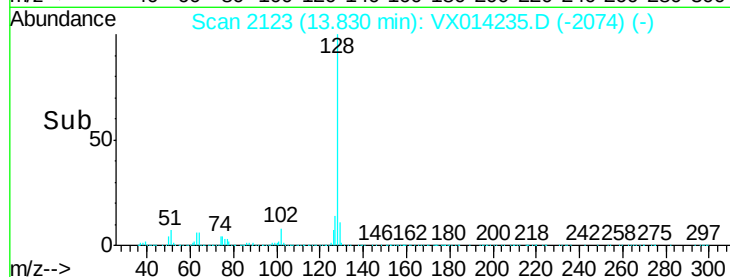
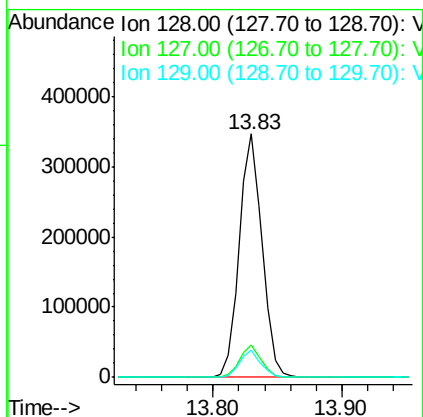
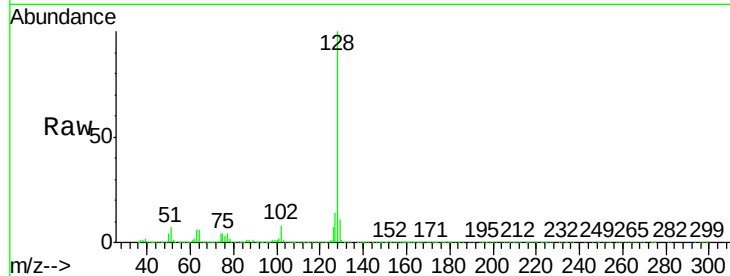
#95
Naphthalene
Concen: 18.601 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	30.2	14.8	44.4

