

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013583.D
 Acq On : 25 Nov 2019 16:00
 Operator : JC/SP
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:13:26 PM

Quant Time: Nov 25 16:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	954840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	849349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	376585	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	5.49	113	312372	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	8.71	98	1158652	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.14	95	420461	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111414	15.717	ug/l	98
3) Chloromethane	1.32	50	135237	17.592	ug/l	100
4) Vinyl Chloride	1.40	62	152741	17.453	ug/l	99
5) Bromomethane	1.63	94	94710	15.529	ug/l	99
6) Chloroethane	1.72	64	89511	17.109	ug/l	98
7) Trichlorofluoromethane	1.92	101	172982	16.730	ug/l	100
8) Diethyl Ether	2.18	74	89835	19.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107444	18.644	ug/l	98
10) Methyl Iodide	2.50	142	123939	17.371	ug/l	98
11) Tert butyl alcohol	3.03	59	180401	93.906	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106709	18.908	ug/l	98
13) Acrolein	2.28	56	149596	143.680	ug/l	96
14) Allyl chloride	2.72	41	207028	20.190	ug/l	95
15) Acrylonitrile	3.13	53	384698	107.203	ug/l	99
16) Acetone	2.43	43	343982	94.617	ug/l	98
17) Carbon Disulfide	2.56	76	236379	15.649	ug/l	98
18) Methyl Acetate	2.76	43	225099	22.427	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	407755	21.663	ug/l	97
20) Methylene Chloride	2.84	84	130214	19.386	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	115159	18.741	ug/l	96
22) Diisopropyl ether	3.84	45	438017	22.126	ug/l	97
23) Vinyl Acetate	3.80	43	1761831	104.006	ug/l	99
24) 1,1-Dichloroethane	3.69	63	229764	20.748	ug/l	98
25) 2-Butanone	4.65	43	543676	101.939	ug/l	100
26) 2,2-Dichloropropane	4.57	77	179647	20.392	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	141948	20.622	ug/l	98
28) Bromochloromethane	5.01	49	70211	22.329	ug/l	97
29) Tetrahydrofuran	5.11	42	343375	104.477	ug/l	99
30) Chloroform	5.20	83	228187	20.867	ug/l	94
31) Cyclohexane	5.58	56	178861	17.949	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	183930	19.545	ug/l	98
36) 1,1-Dichloropropene	5.79	75	155927	19.036	ug/l	100
37) Ethyl Acetate	4.82	43	205295	20.283	ug/l	99
38) Carbon Tetrachloride	5.78	117	149817	18.703	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013583.D
 Acq On : 25 Nov 2019 16:00
 Operator : JC/SP
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:13:26 PM

Quant Time: Nov 25 16:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182216	17.853	ug/l	98
40) Benzene	6.14	78	506277	19.842	ug/l	99
41) Methacrylonitrile	5.03	41	119166	21.005	ug/l	96
42) 1,2-Dichloroethane	6.18	62	179717	19.527	ug/l	96
43) Isopropyl Acetate	6.43	43	331590	21.038	ug/l	100
44) Trichloroethene	7.20	130	132526	18.869	ug/l	99
45) 1,2-Dichloropropane	7.51	63	135473	20.838	ug/l	97
46) Dibromomethane	7.65	93	86472	19.480	ug/l	96
47) Bromodichloromethane	7.89	83	172625	20.623	ug/l	96
48) Methyl methacrylate	7.76	41	163738	20.811	ug/l	97
49) 1,4-Dioxane	7.73	88	68290	379.011	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1073175	103.780	ug/l	99
52) Toluene	8.78	92	315932	19.977	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	188934	20.642	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	207209	20.238	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	138555	21.137	ug/l	99
56) Ethyl methacrylate	9.17	69	215680	20.234	ug/l	98
57) 1,3-Dichloropropane	9.37	76	232174	20.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	466978	104.191	ug/l	100
59) 2-Hexanone	9.48	43	817824	102.341	ug/l	99
60) Dibromochloromethane	9.58	129	139730	20.843	ug/l	98
61) 1,2-Dibromoethane	9.67	107	141208	20.287	ug/l	99
64) Tetrachloroethene	9.33	164	116197	19.111	ug/l	98
65) Chlorobenzene	10.14	112	344116	20.012	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	128733	20.389	ug/l	98
67) Ethyl Benzene	10.25	91	585647	19.734	ug/l	100
68) m/p-Xylenes	10.35	106	446520	39.783	ug/l	100
69) o-Xylene	10.70	106	218177	19.855	ug/l	99
70) Styrene	10.71	104	377458	20.549	ug/l	99
71) Bromoform	10.85	173	105640	20.092	ug/l #	99
73) Isopropylbenzene	11.01	105	581787	20.690	ug/l	100
74) N-amyl acetate	10.89	43	285351	21.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	222345	21.674	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202189m	23.471	ug/l	
77) Bromobenzene	11.25	156	157146	20.963	ug/l	99
78) n-propylbenzene	11.35	91	648509	20.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	393619	20.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	487021	20.793	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67400	20.139	ug/l	98
82) 4-Chlorotoluene	11.51	91	452504	20.483	ug/l	99
83) tert-Butylbenzene	11.76	119	497110	21.084	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	492536	20.963	ug/l	99
85) sec-Butylbenzene	11.94	105	562169	20.746	ug/l	99
86) p-Isopropyltoluene	12.06	119	509924	20.436	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270667	20.256	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	273349	20.078	ug/l	100
89) n-Butylbenzene	12.39	91	427200	19.621	ug/l	99
90) Hexachloroethane	12.59	117	91461	20.572	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	280721	21.017	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47138	18.860	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112519\
Data File : VX013583.D
Acq On : 25 Nov 2019 16:00
Operator : JC/SP
Sample : VX1125WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

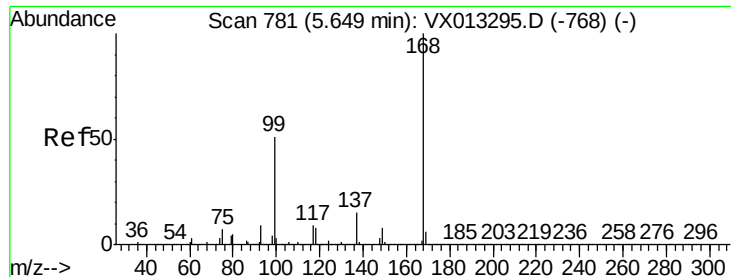
Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM

Quant Time: Nov 25 16:29:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	192293	20.639	ug/l	95
94) Hexachlorobutadiene	13.78	225	84967	18.640	ug/l	99
95) Naphthalene	13.83	128	608423	20.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191982	20.546	ug/l	98

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



#1

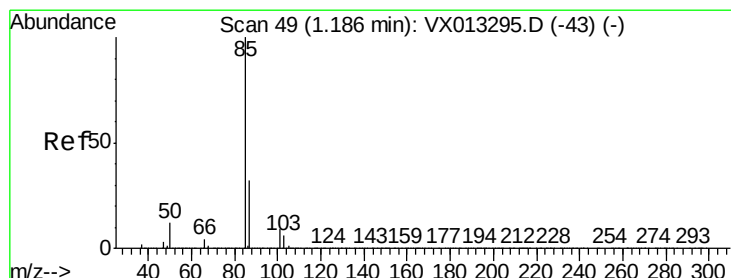
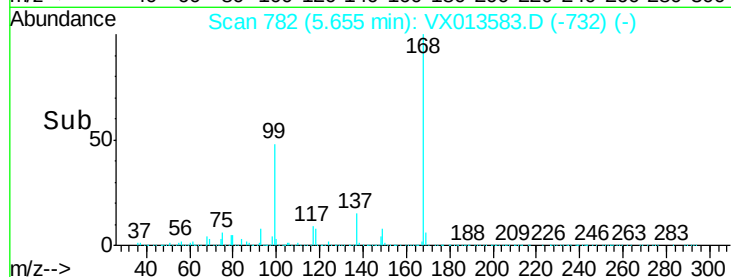
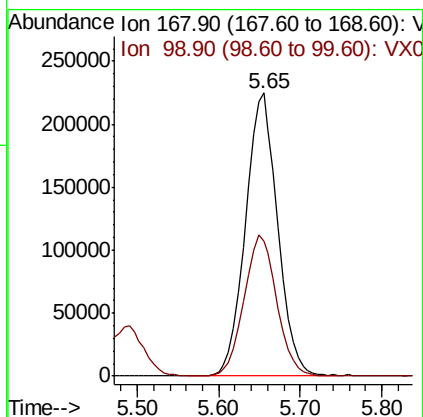
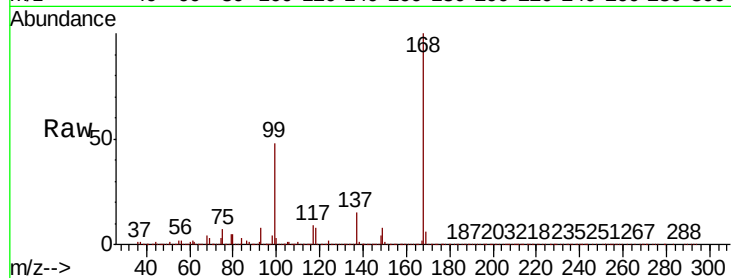
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.5	40.8	61.2

Manual Integrations
 APPROVED

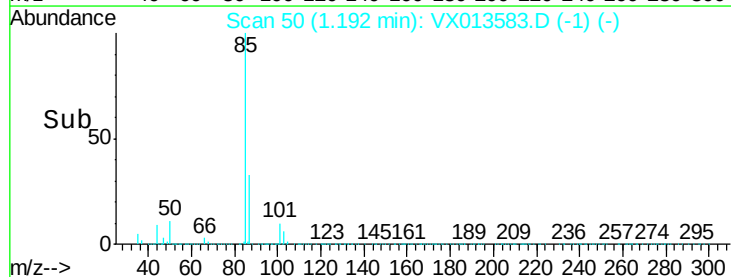
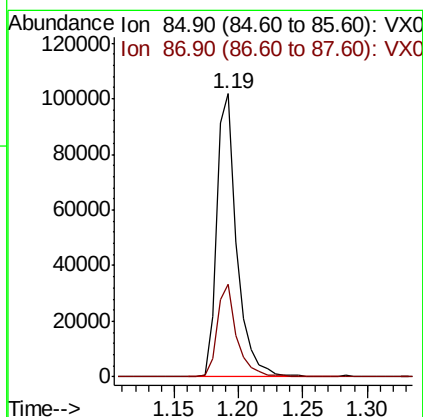
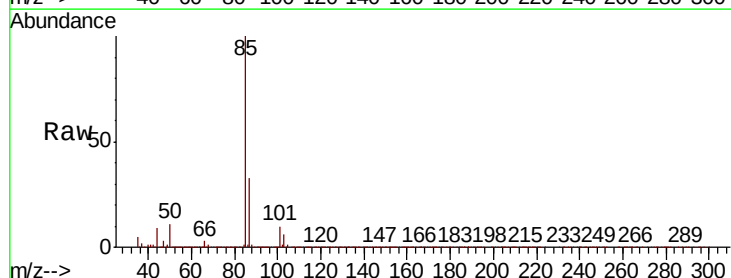
apatel
 11/27/2019 12:13:26 PM

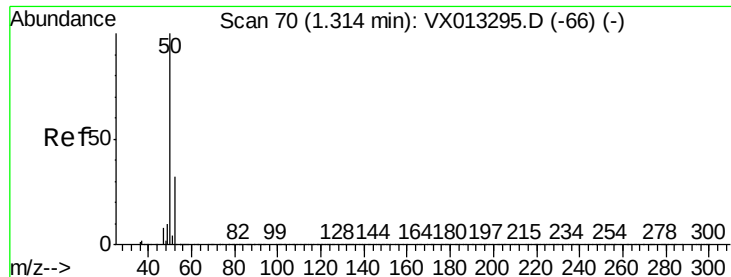


#2

Dichlorodifluoromethane
 Concen: 15.717 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.9	47.6





#3

Chloromethane

Concen: 17.592 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

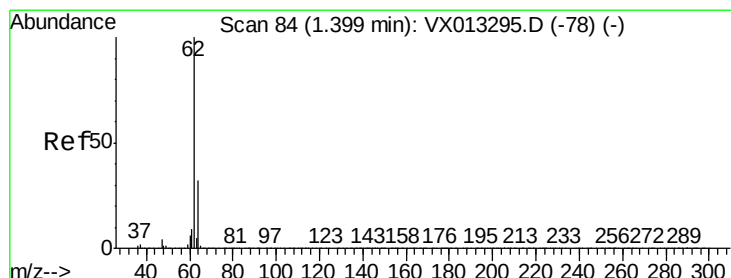
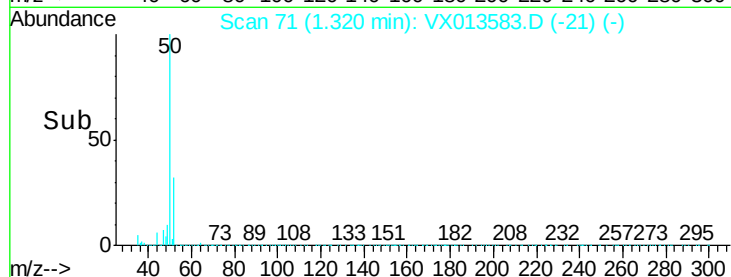
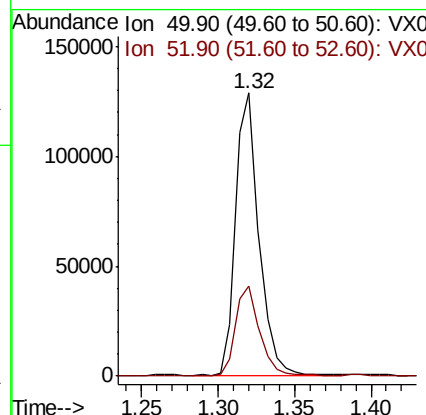
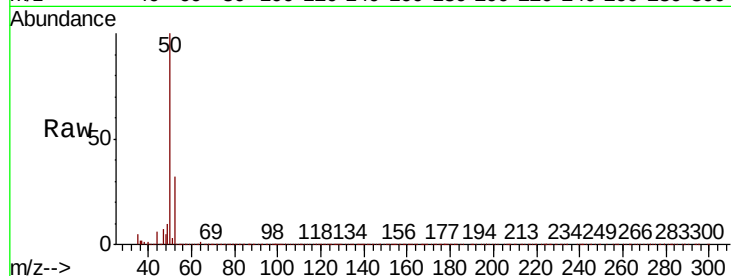
ClientSampleId :

VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.5	38.3

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#4

Vinyl Chloride

Concen: 17.453 ug/l

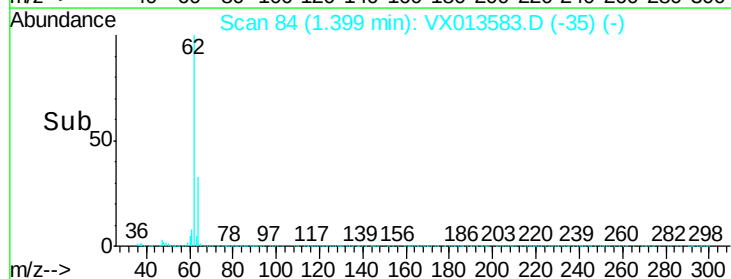
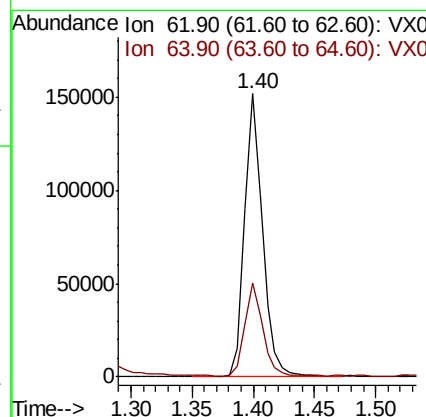
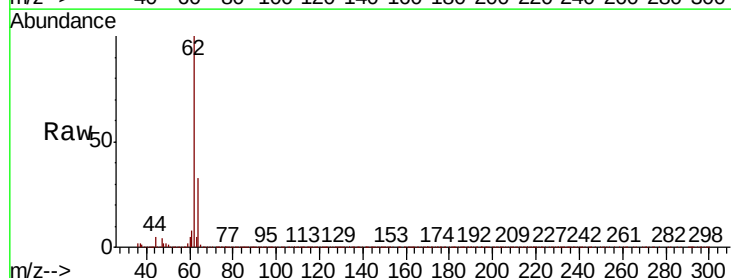
RT: 1.40 min Scan# 84

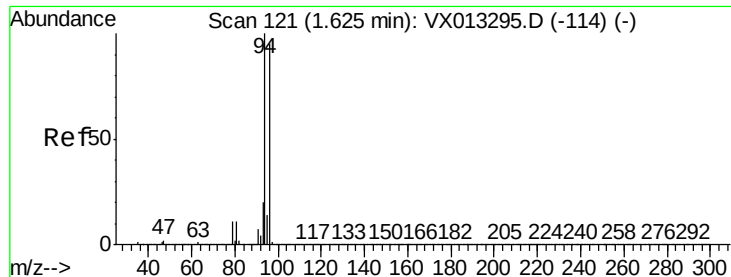
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.6	38.4





#5

Bromomethane

Concen: 15.529 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 94 Resp: 94710

Ion Ratio Lower Upper

94 100

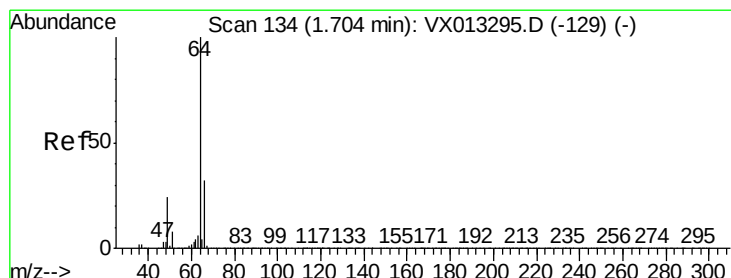
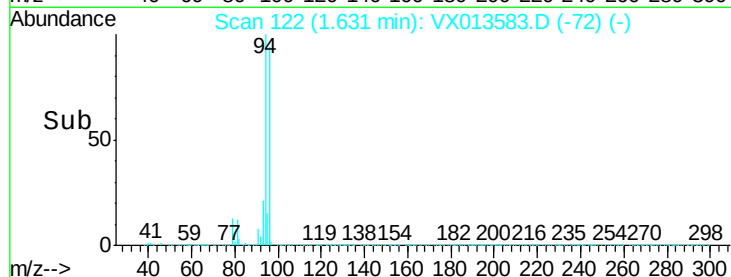
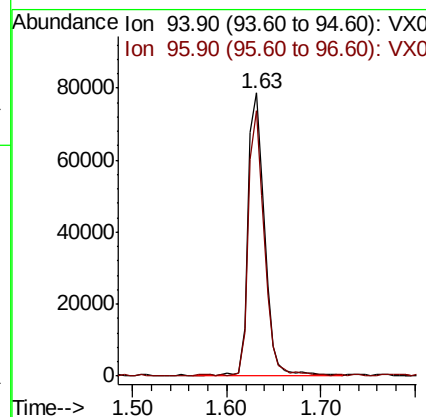
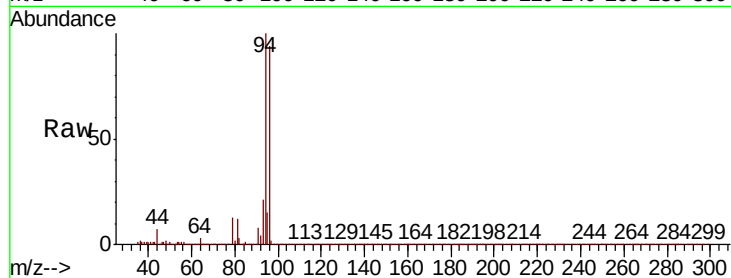
96 93.8 75.8 113.8

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#6

Chloroethane

Concen: 17.109 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013583.D

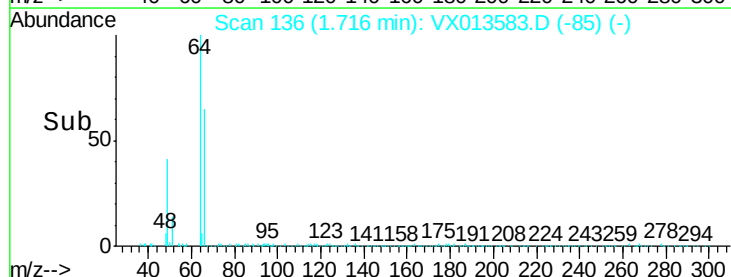
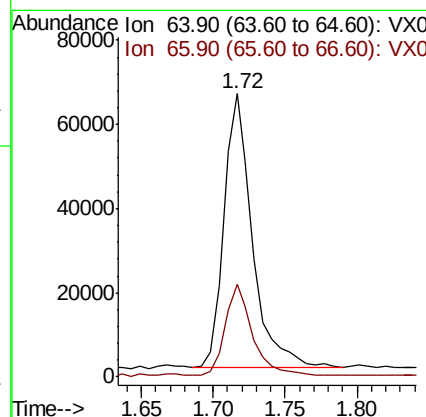
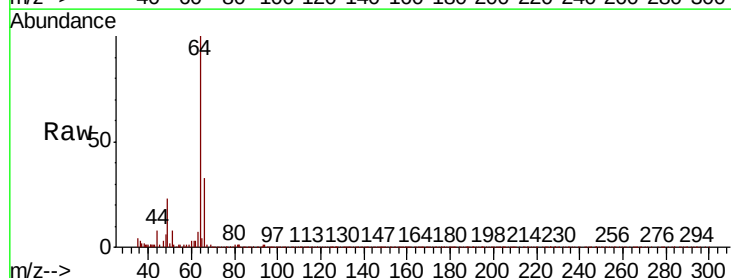
Acq: 25 Nov 2019 16:00

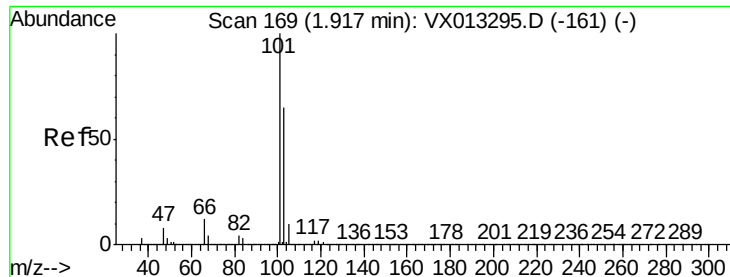
Tgt Ion: 64 Resp: 89511

Ion Ratio Lower Upper

64 100

66 33.4 25.6 38.4





#7

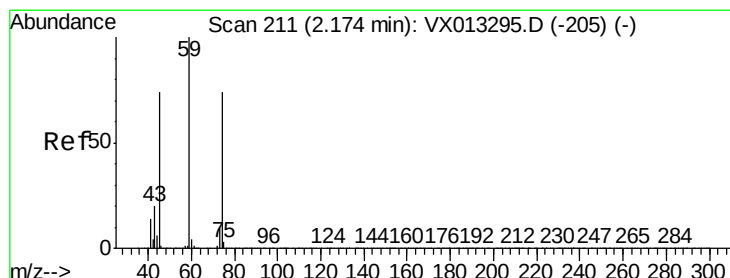
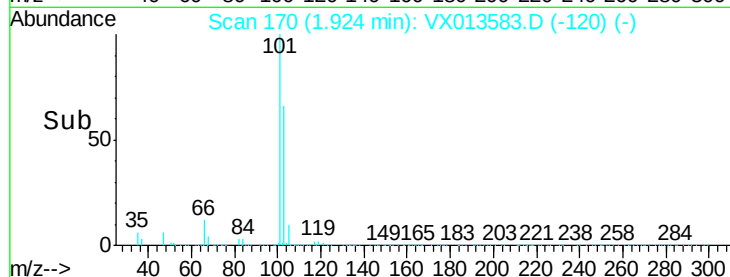
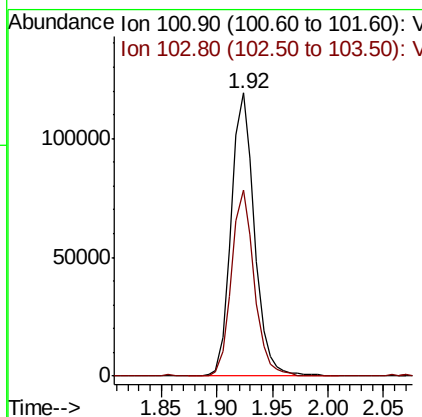
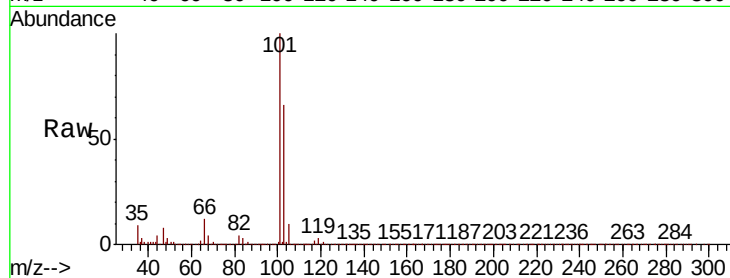
Trichlorofluoromethane
Concen: 16.730 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.3	78.5

Manual Integrations
APPROVED

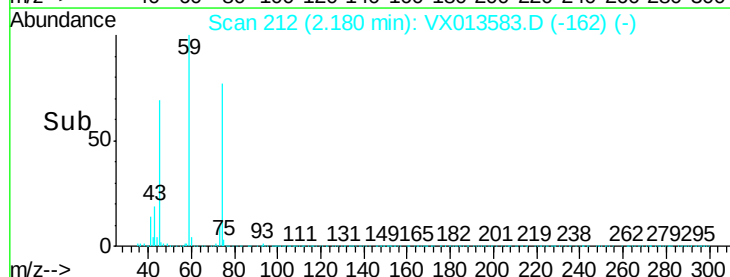
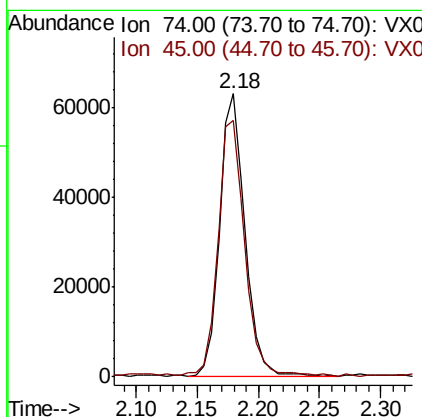
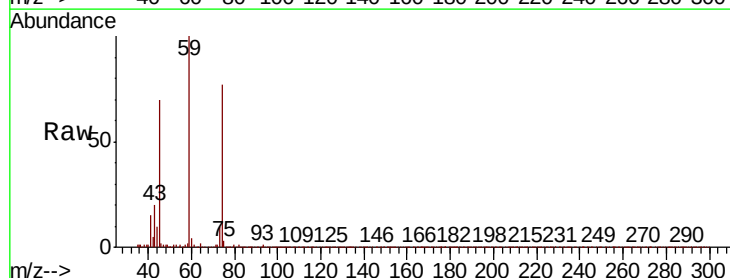
apatel
11/27/2019 12:13:26 PM

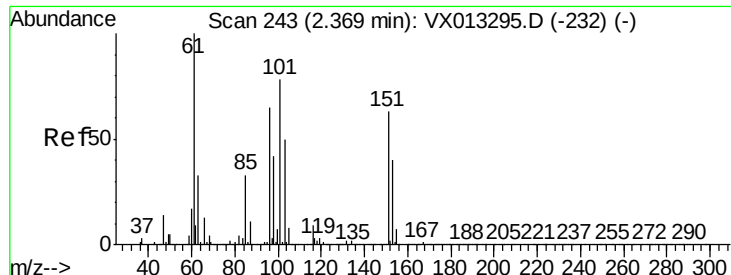


#8

Diethyl Ether
Concen: 19.648 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.644 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

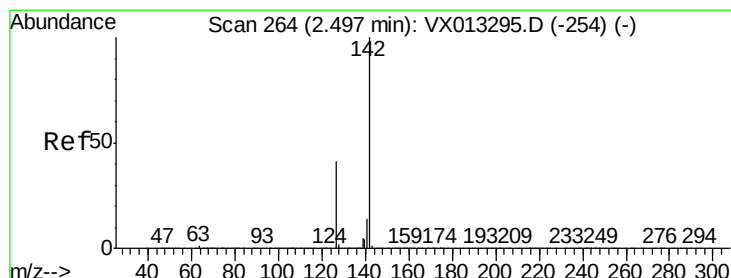
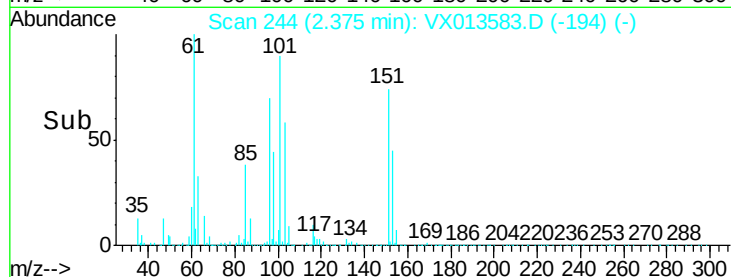
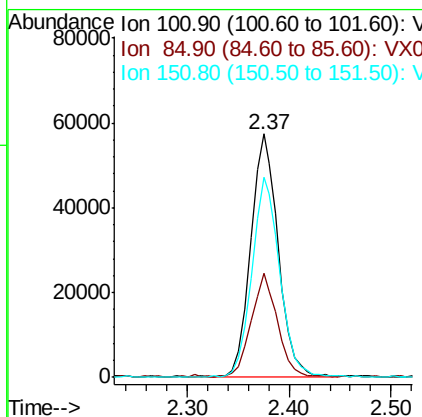
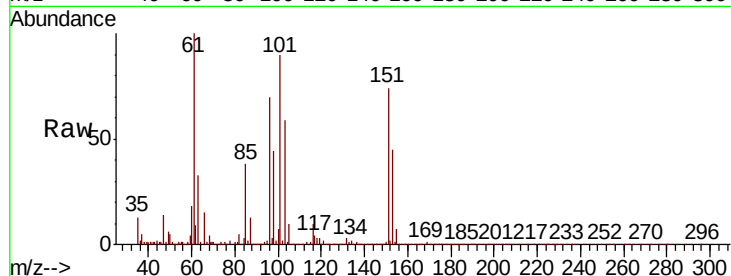
ClientSampleId :

VX1125WBSD01

Tot Ion:	101	Resp:	107444
Ion Ratio	Lower	Upper	
101	100		
85	40.6	34.4	51.6
151	83.8	66.4	99.6

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#10

Methyl Iodide

Concen: 17.371 ug/l

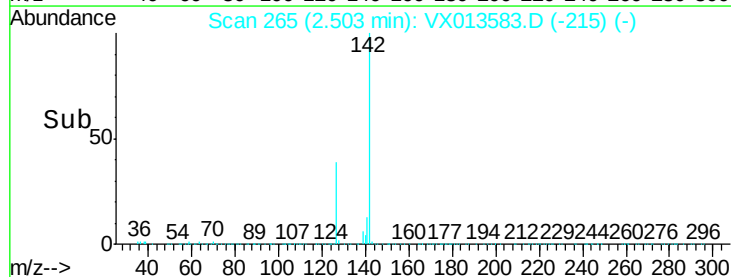
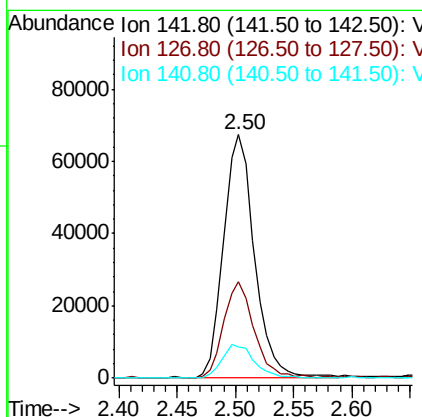
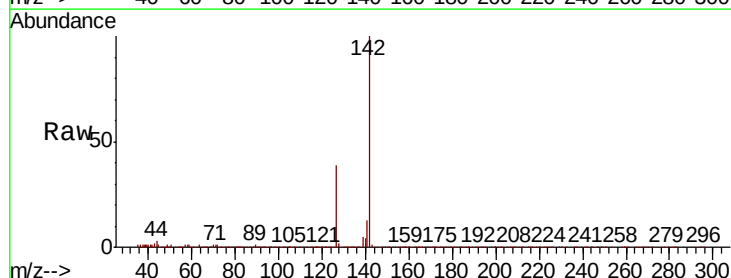
RT: 2.50 min Scan# 265

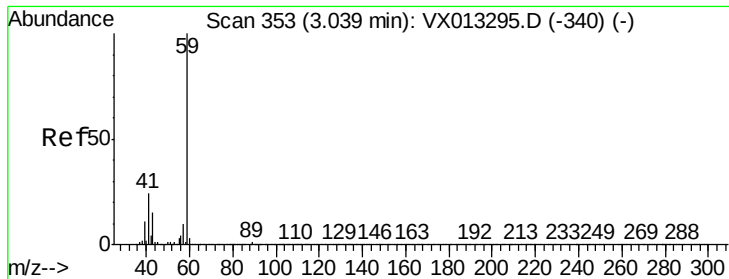
Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	142	Resp:	123939
Ion Ratio	Lower	Upper	
142	100		
127	39.3	32.6	49.0
141	14.7	11.6	17.4





#11

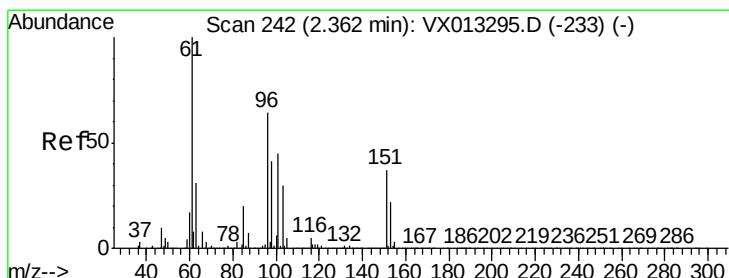
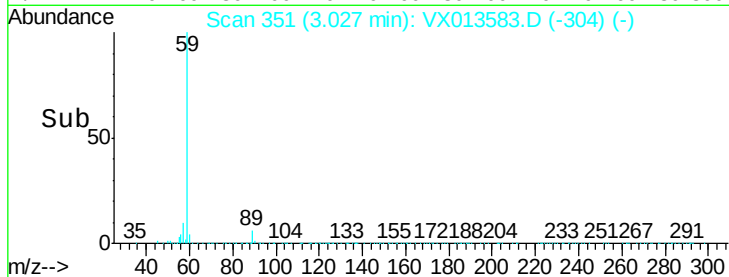
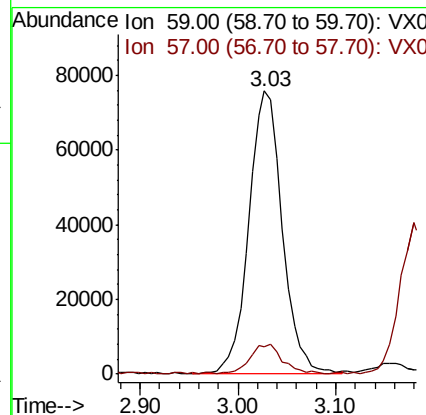
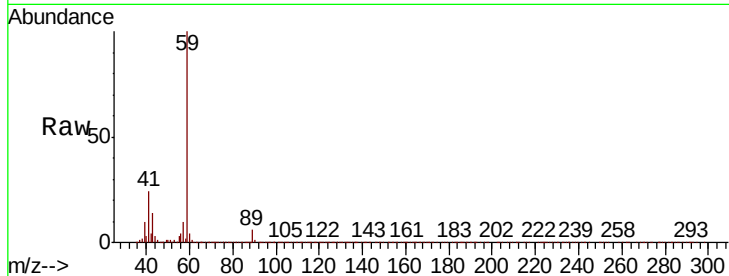
Tert butyl alcohol
Concen: 93.906 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0

Manual Integrations
APPROVED

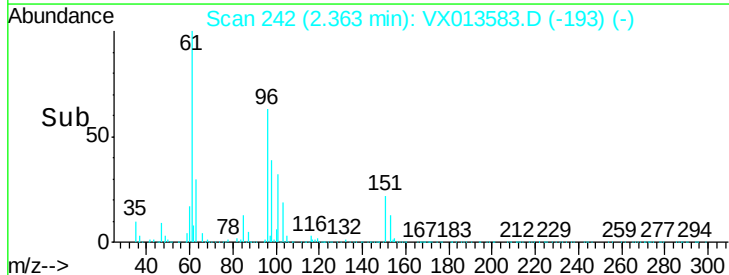
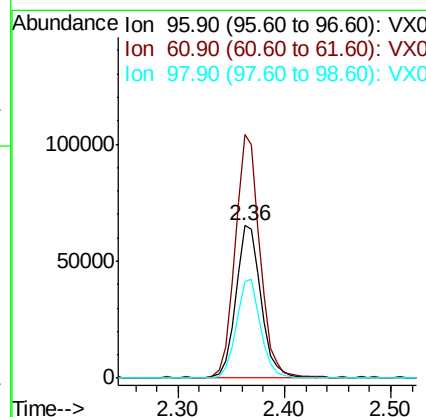
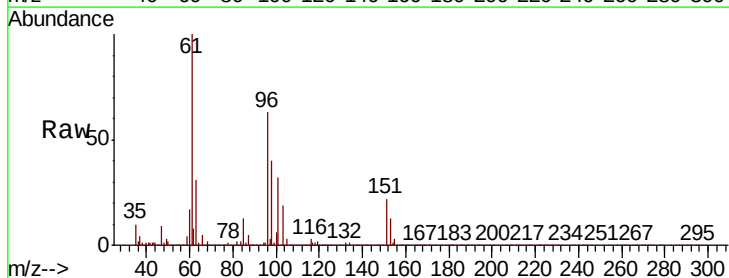
apatel
11/27/2019 12:13:26 PM

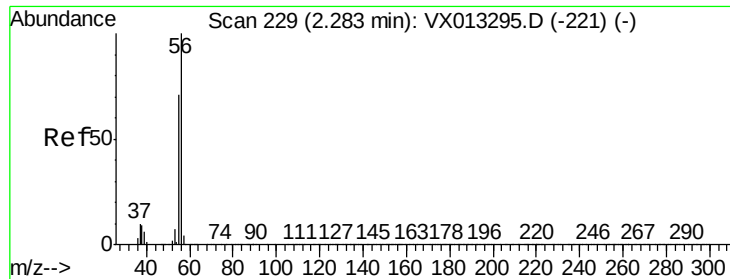


#12

1,1-Dichloroethene
Concen: 18.908 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	125.0	187.6
98	63.1	50.7	76.1





#13

Acrolein

Concen: 143.680 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 56 Resp: 149596

Ion Ratio Lower Upper

56 100

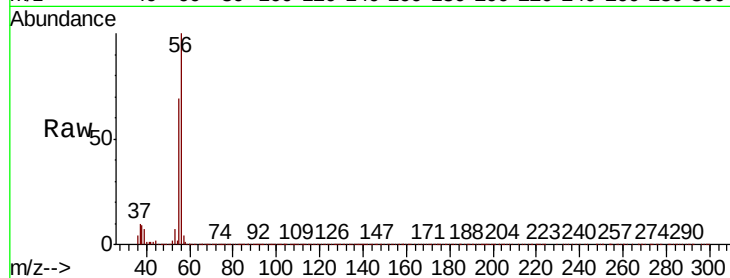
55 68.7 57.4 86.0

Manual Integrations

APPROVED

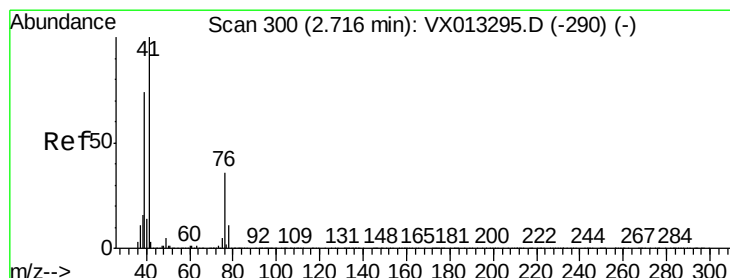
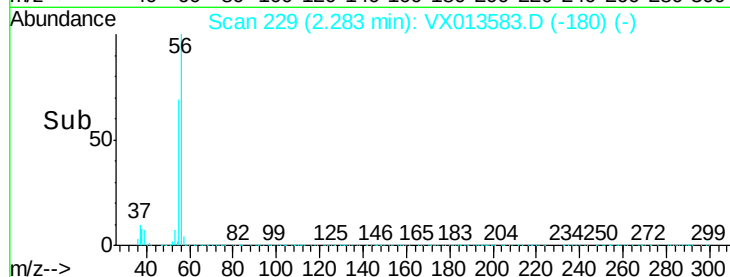
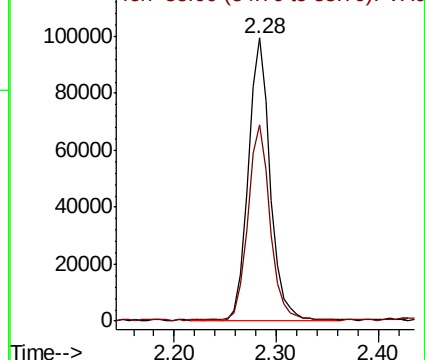
apatel

11/27/2019 12:13:26 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.190 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

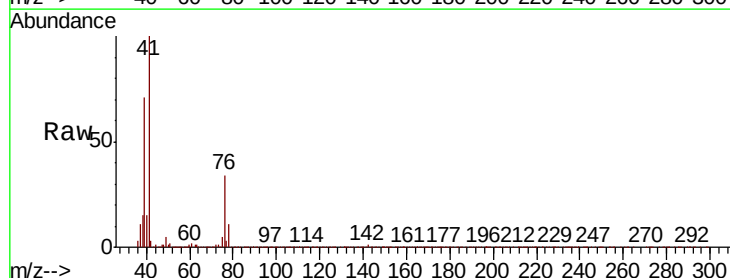
Tgt Ion: 41 Resp: 207028

Ion Ratio Lower Upper

41 100

39 64.4 55.8 83.8

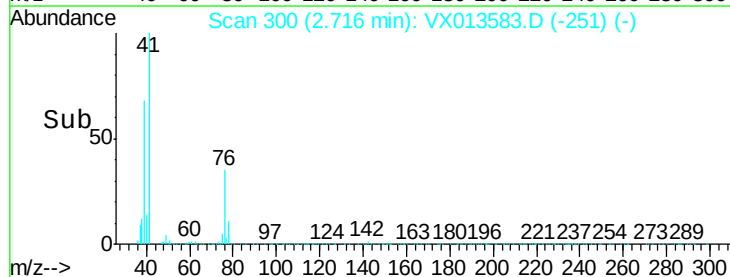
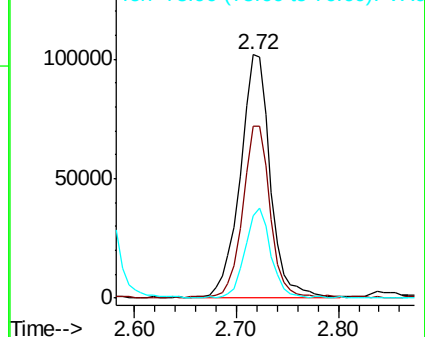
76 32.1 26.4 39.6

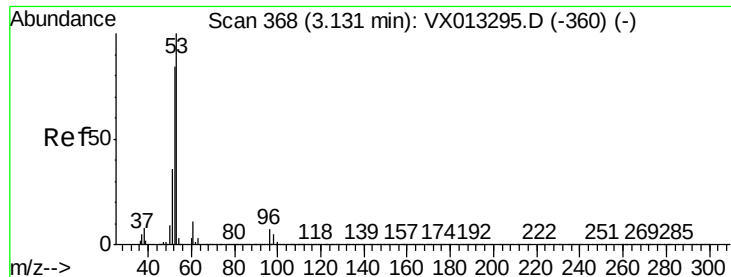


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.203 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

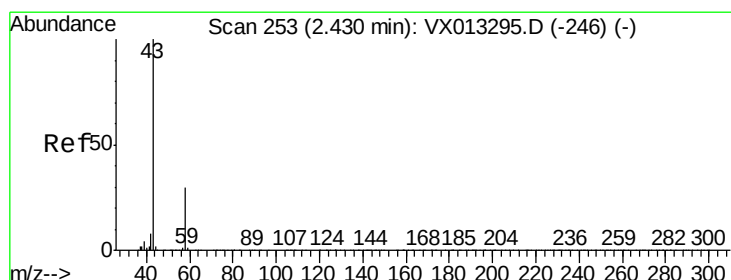
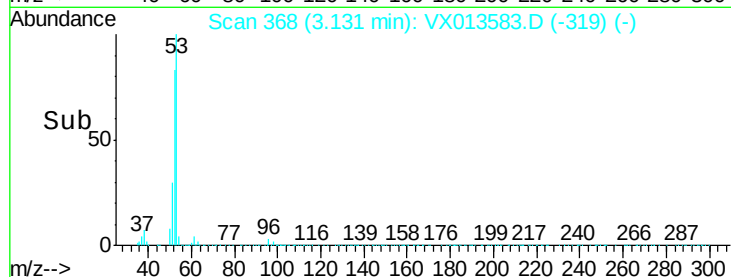
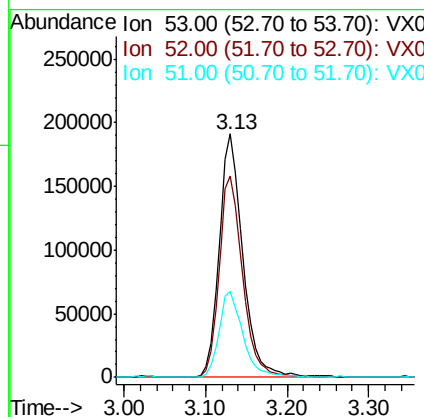
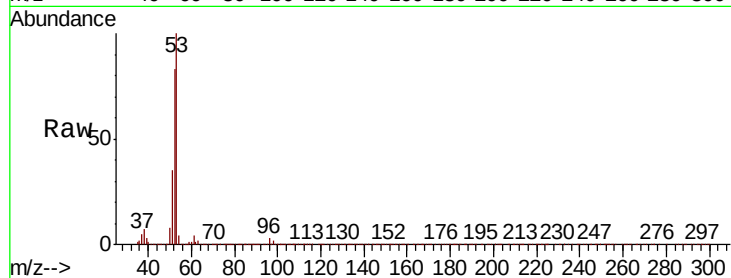
ClientSampleId :

VX1125WBSD01

Tot Ion:	53	Resp:	384698
Ion Ratio		Lower	Upper
53	100		
52	83.2	67.4	101.0
51	35.6	29.4	44.2

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#16

Acetone

Concen: 94.617 ug/l

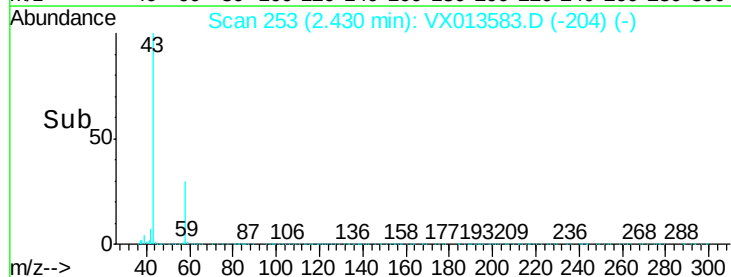
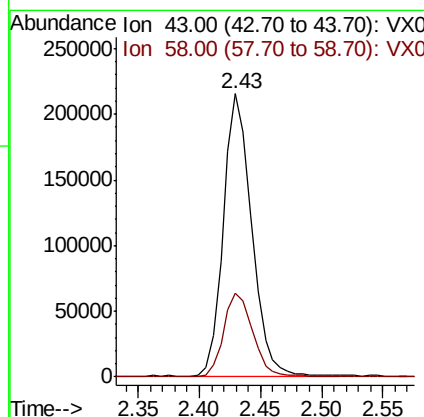
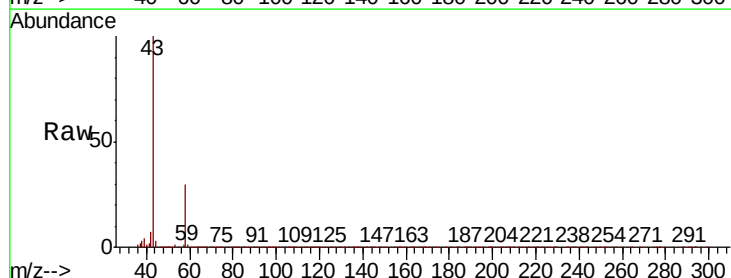
RT: 2.43 min Scan# 253

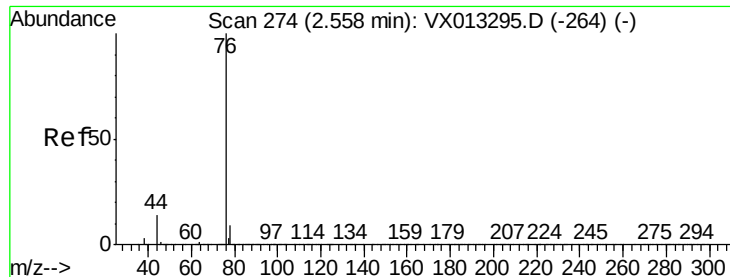
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	43	Resp:	343982
Ion Ratio		Lower	Upper
43	100		
58	29.5	24.3	36.5





#17

Carbon Disulfide

Concen: 15.649 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 76 Resp: 236379

Ion Ratio Lower Upper

76 100

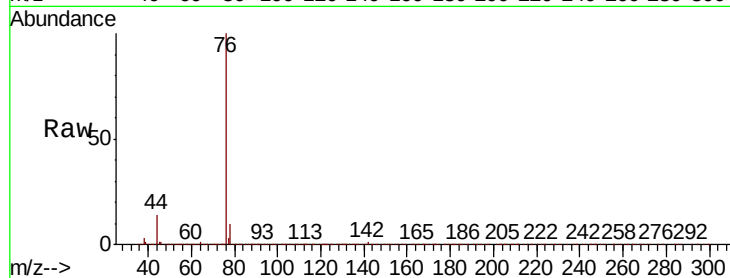
78 9.4 7.0 10.6

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

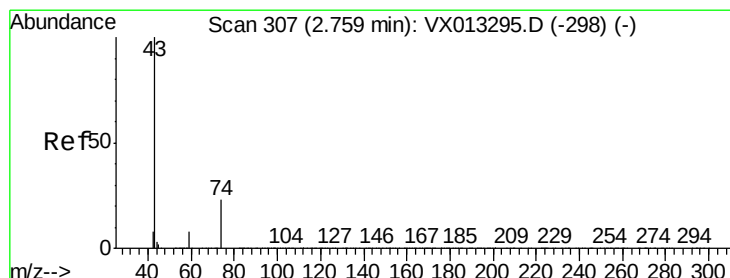
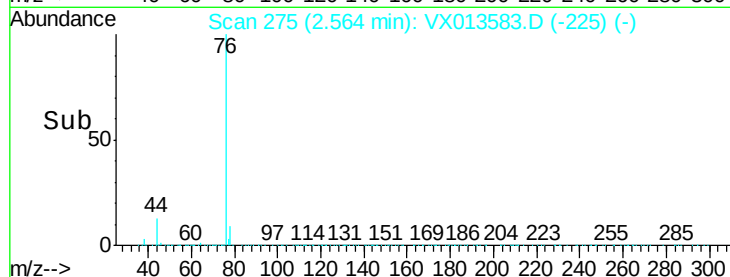
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 22.427 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013583.D

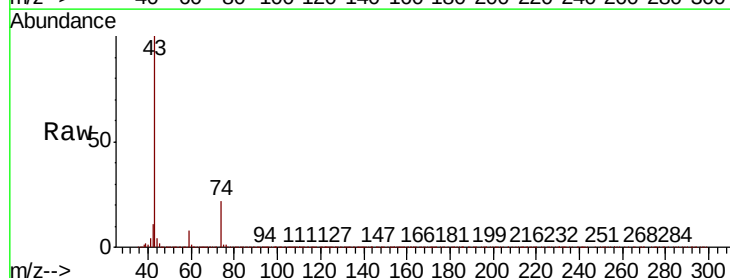
Acq: 25 Nov 2019 16:00

Tgt Ion: 43 Resp: 225099

Ion Ratio Lower Upper

43 100

74 24.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

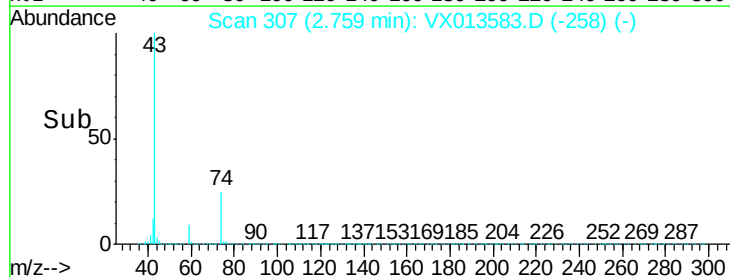
2.76

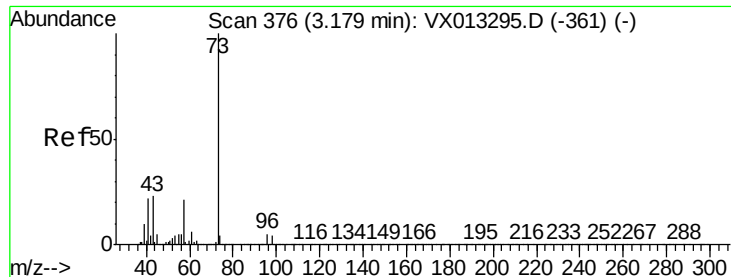
100000

50000

0

Time-->





#19

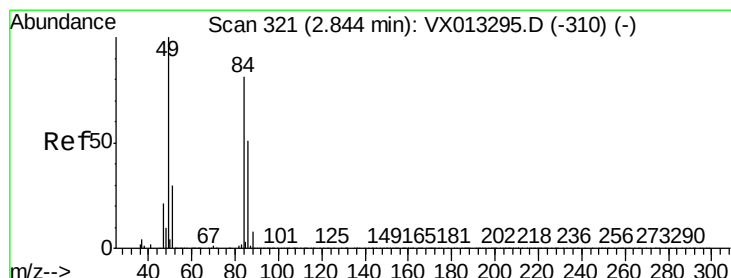
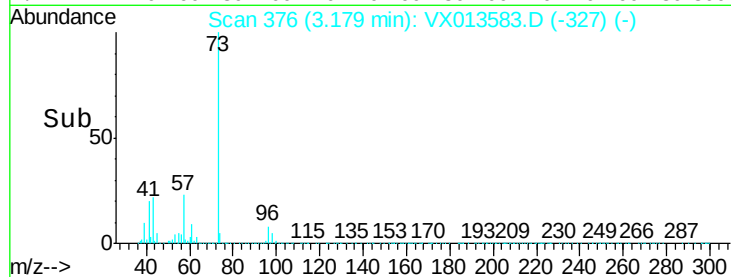
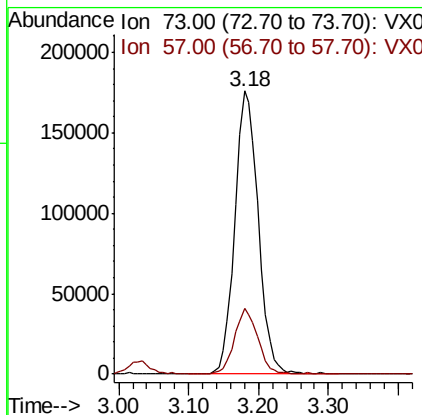
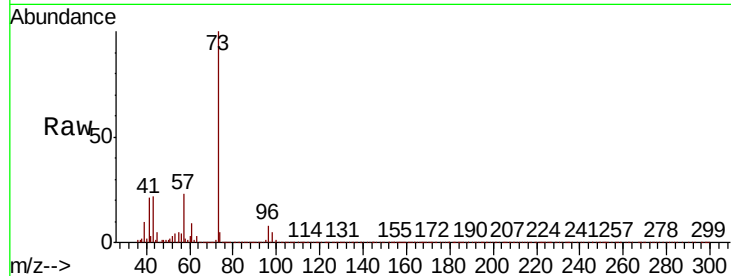
Methyl tert-butyl Ether
 Concen: 21.663 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

Manual Integrations
 APPROVED

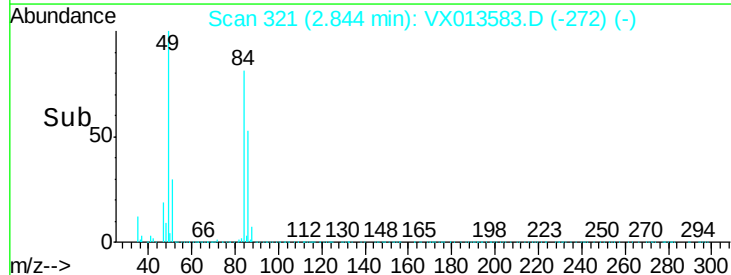
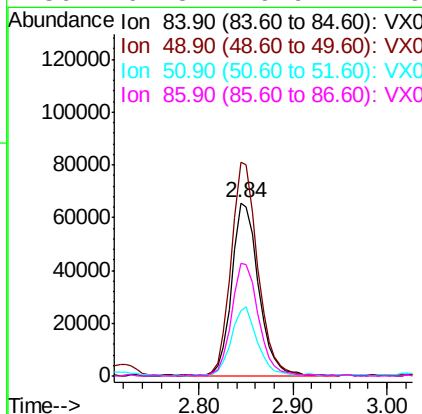
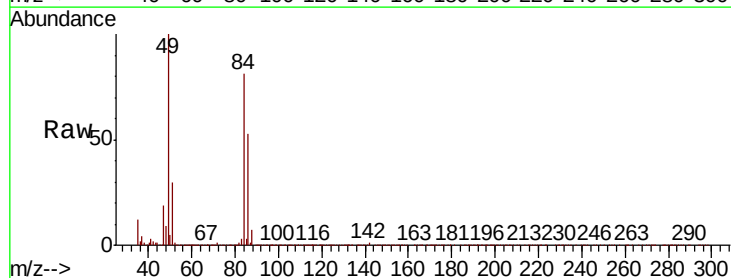
apatel
 11/27/2019 12:13:26 PM

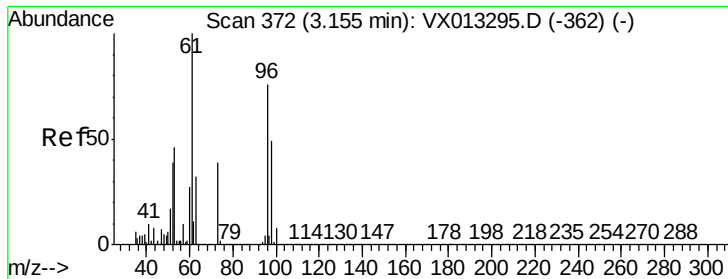


#20

Methylene Chloride
 Concen: 19.386 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.2	147.4
51	37.4	29.9	44.9
86	64.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 18.741 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

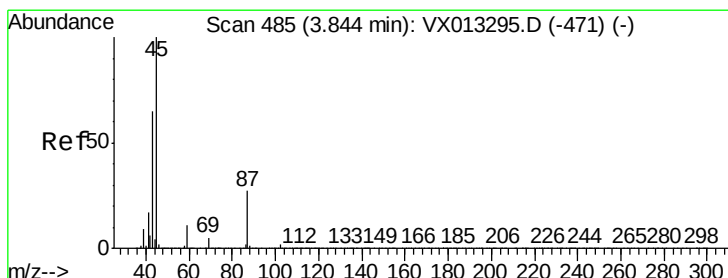
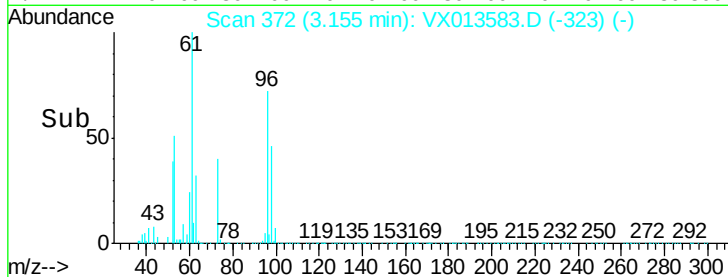
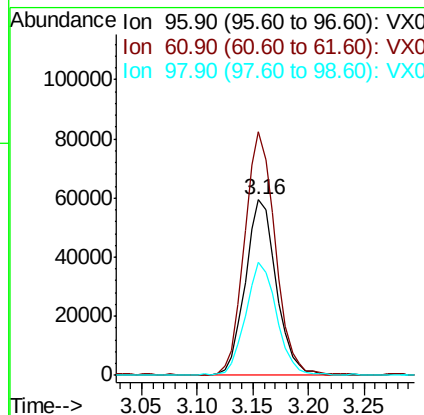
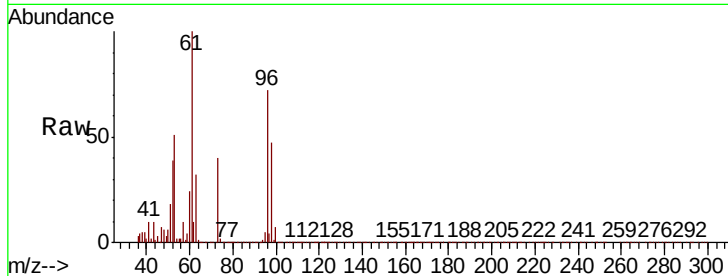
ClientSampleId :

VX1125WBSD01

Tot Ion:	96	Resp:	115159
Ion Ratio	Lower	Upper	
96	100		
61	138.4	105.8	158.6
98	64.3	51.8	77.6

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#22

Diisopropyl ether

Concen: 22.126 ug/l

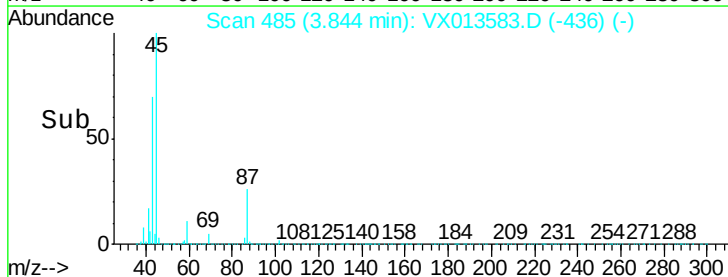
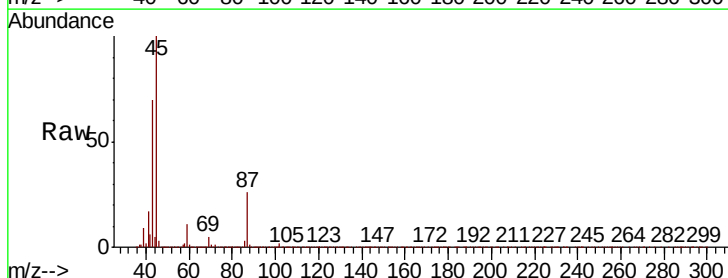
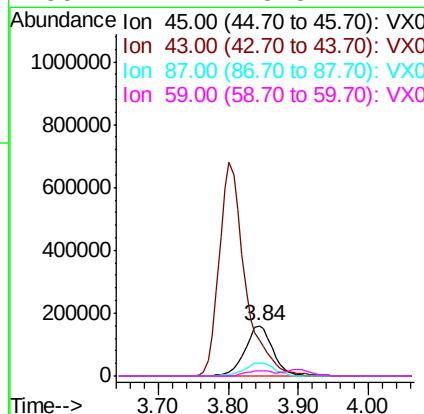
RT: 3.84 min Scan# 485

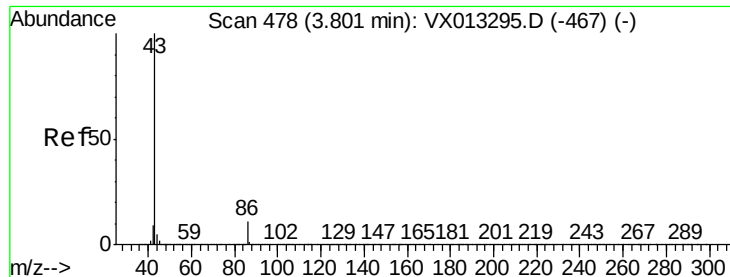
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	45	Resp:	438017
Ion Ratio	Lower	Upper	
45	100		
43	70.1	54.2	81.2
87	25.6	21.8	32.8
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 104.006 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 43 Resp: 1761831

Ion Ratio Lower Upper

43 100

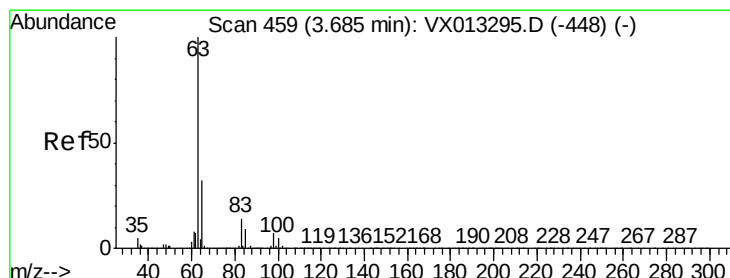
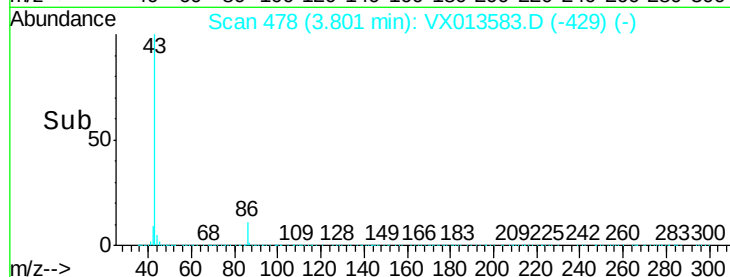
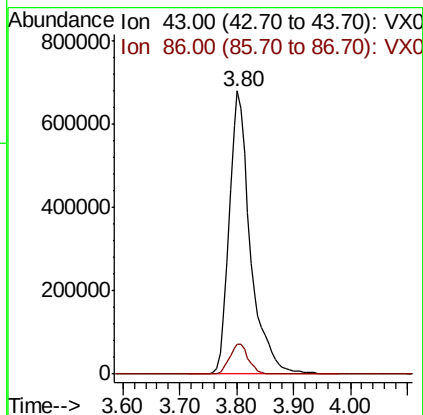
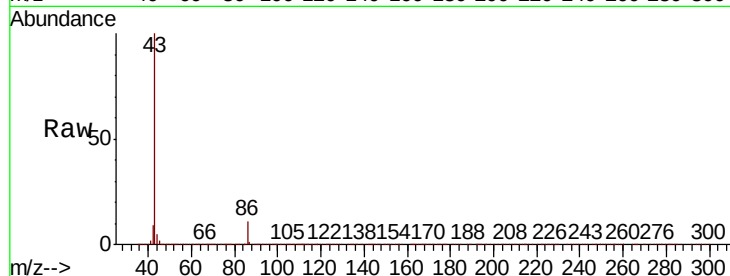
86 10.5 8.6 13.0

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#24

1,1-Dichloroethane

Concen: 20.748 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

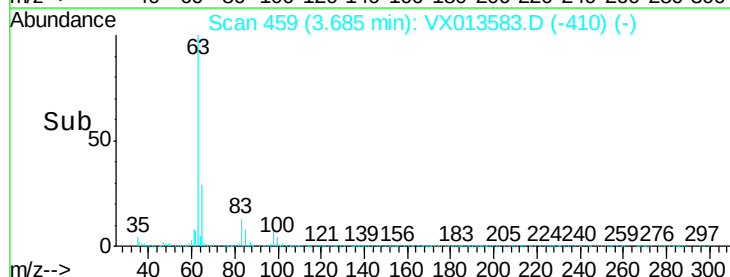
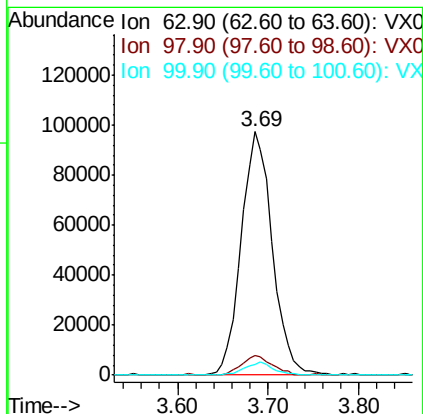
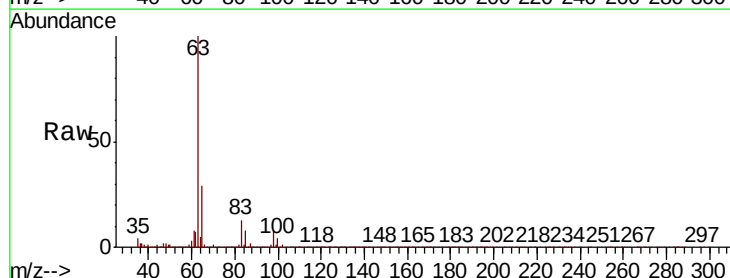
Tgt Ion: 63 Resp: 229764

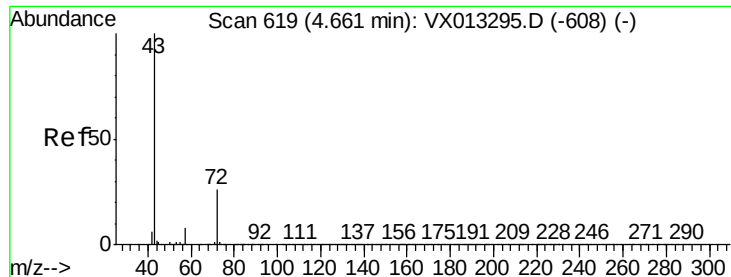
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 101.939 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 43 Resp: 543676

Ion Ratio Lower Upper

43 100

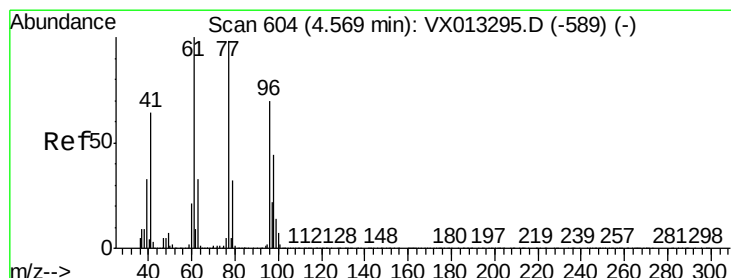
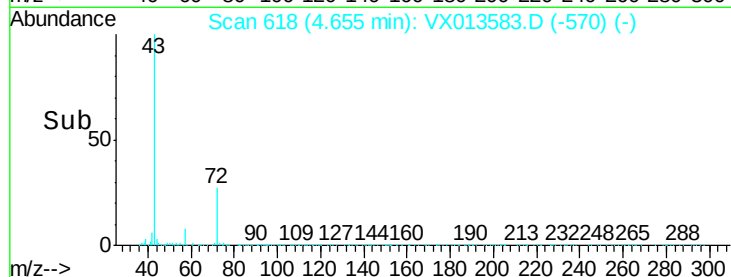
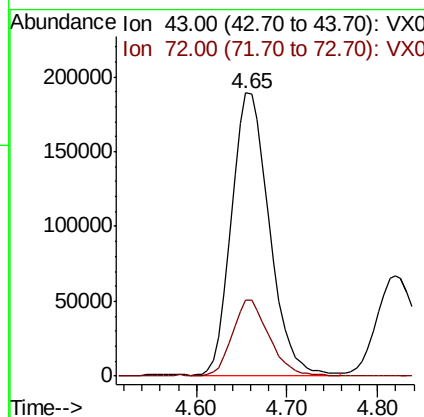
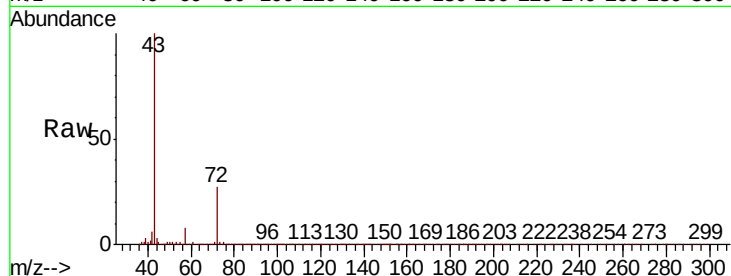
72 26.5 21.0 31.6

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#26

2,2-Dichloropropane

Concen: 20.392 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013583.D

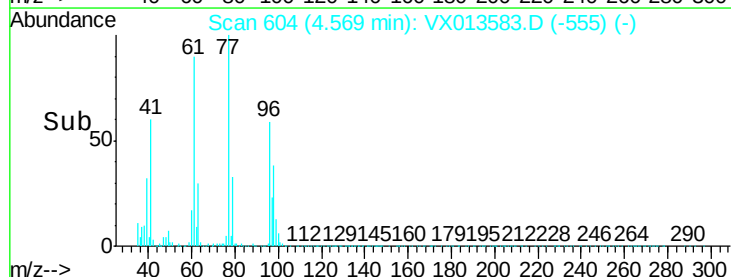
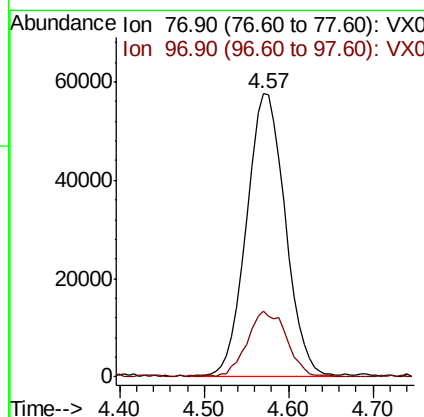
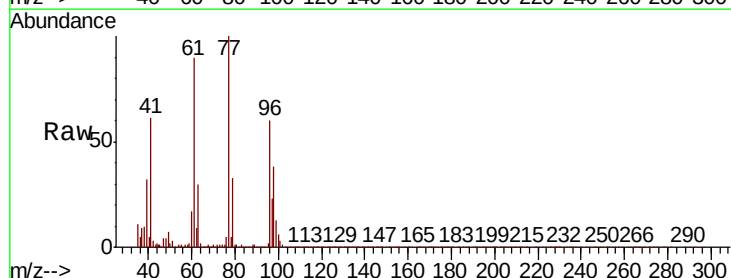
Acq: 25 Nov 2019 16:00

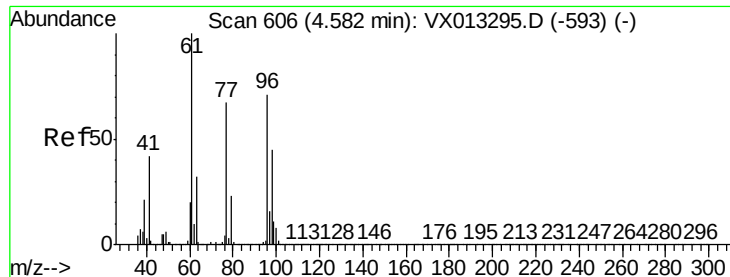
Tgt Ion: 77 Resp: 179647

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.8





#27

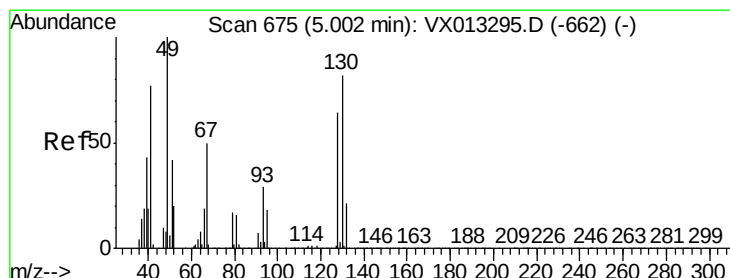
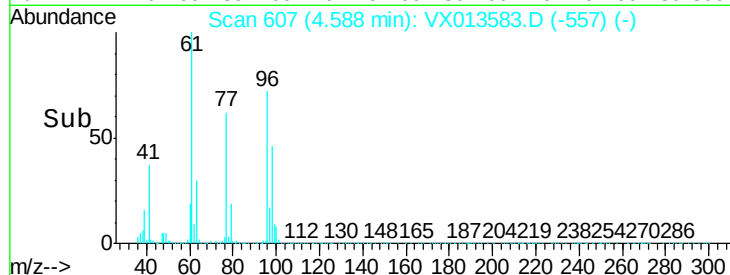
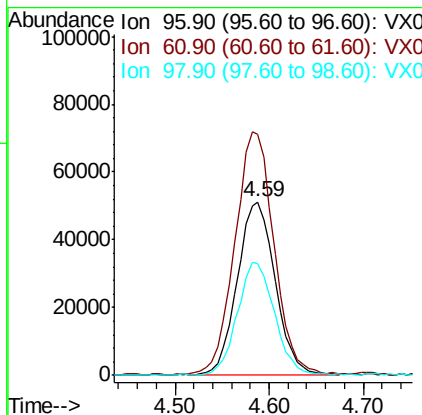
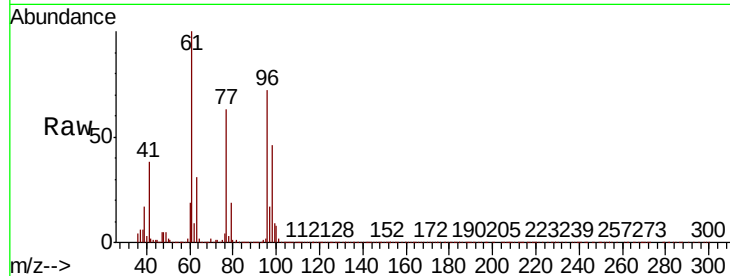
cis-1,2-Dichloroethene
Concen: 20.622 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	141948		
61	146.1	0.0	288.0	
98	63.9	0.0	129.6	

Manual Integrations
APPROVED

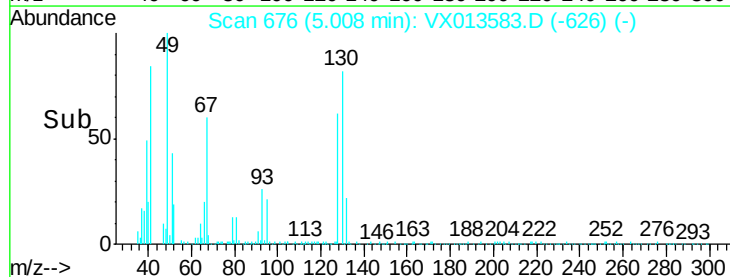
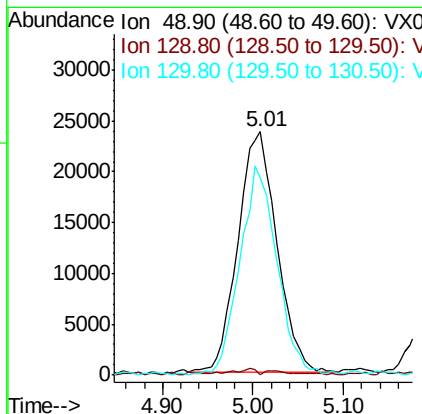
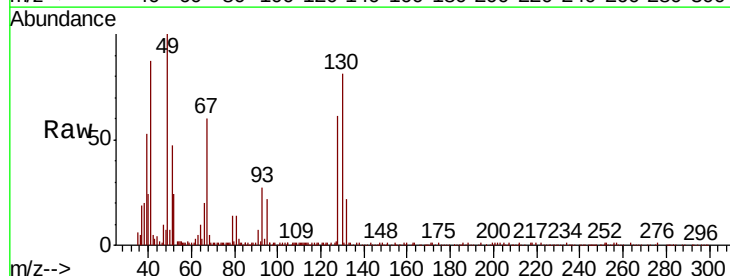
apatel
11/27/2019 12:13:26 PM

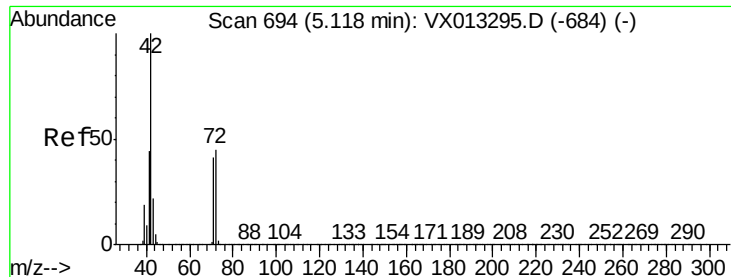


#28

Bromochloromethane
Concen: 22.329 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70211		
129	1.4	0.0	5.2	
130	81.9	63.8	95.6	





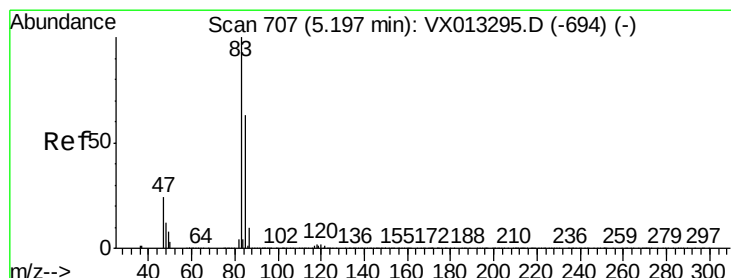
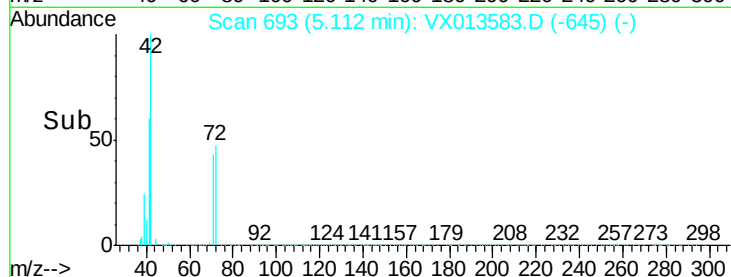
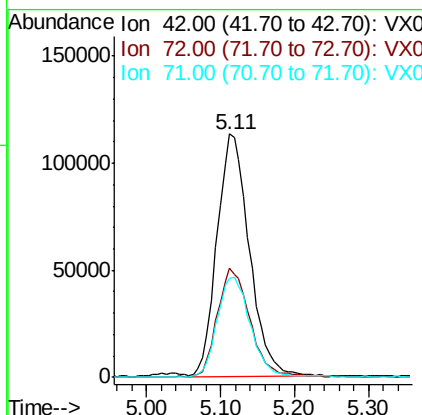
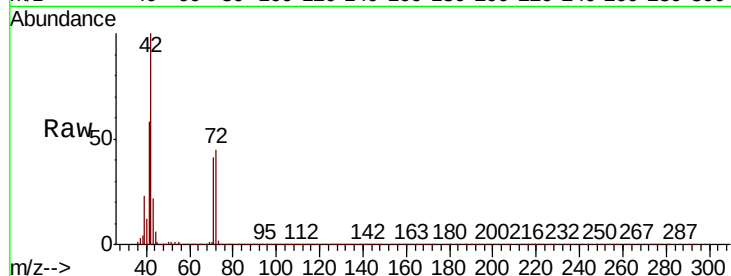
#29
Tetrahydrofuran
Concen: 104.477 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.8	53.8
71	42.5	33.4	50.0

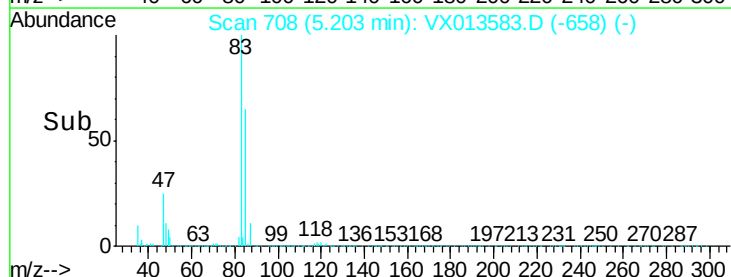
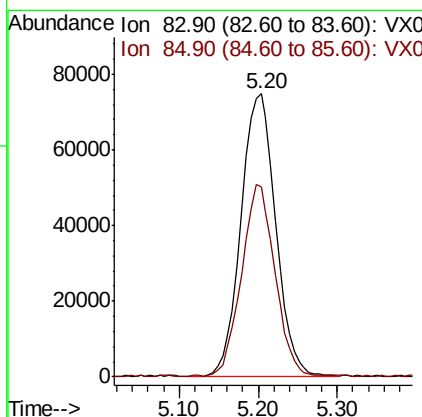
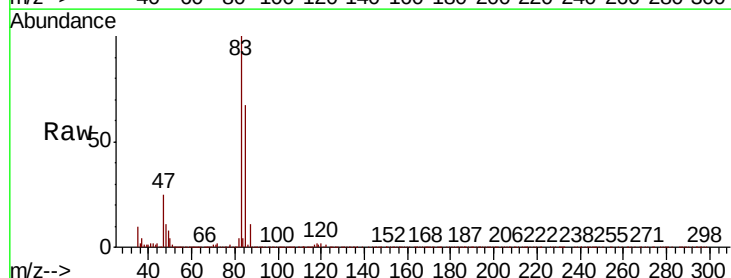
Manual Integrations
APPROVED

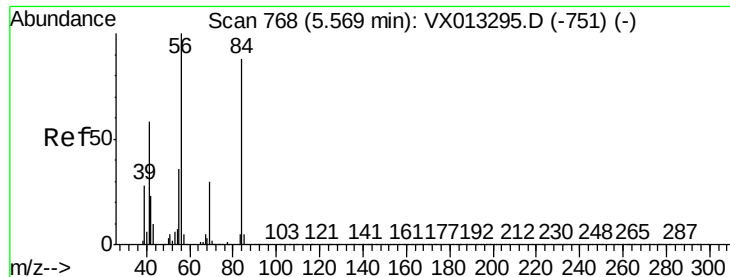
apatel
11/27/2019 12:13:26 PM



#30
Chloroform
Concen: 20.867 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.2	75.4





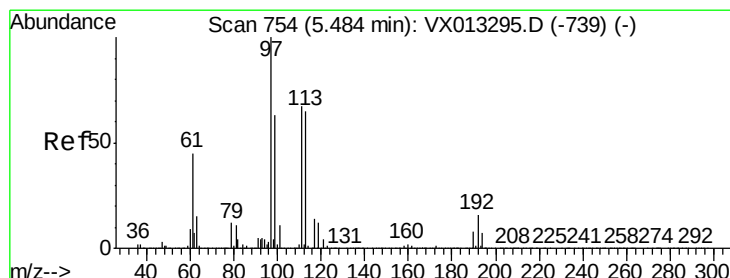
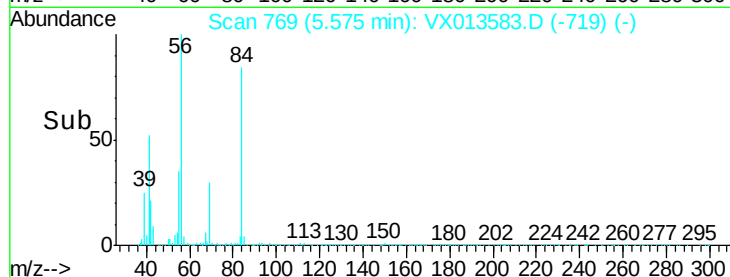
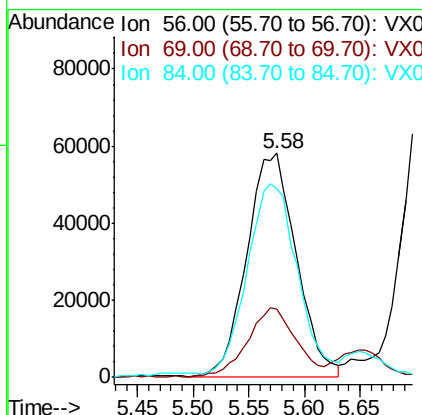
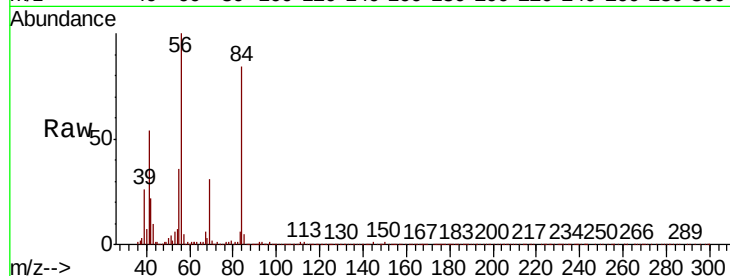
#31
Cyclohexane
Concen: 17.949 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	82.7	70.6	105.8

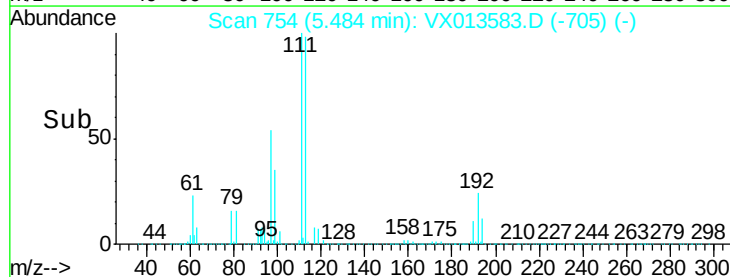
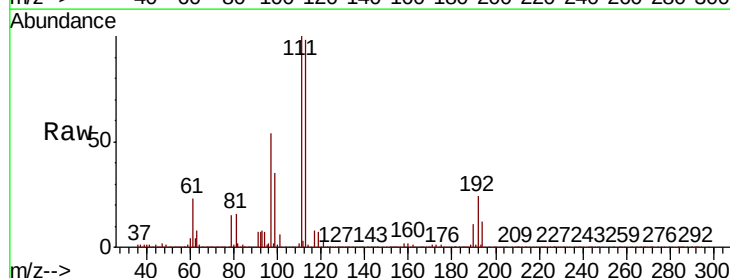
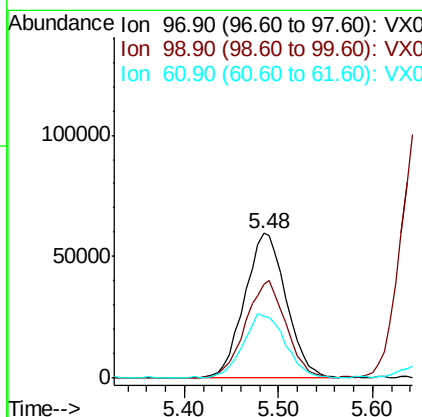
Manual Integrations
APPROVED

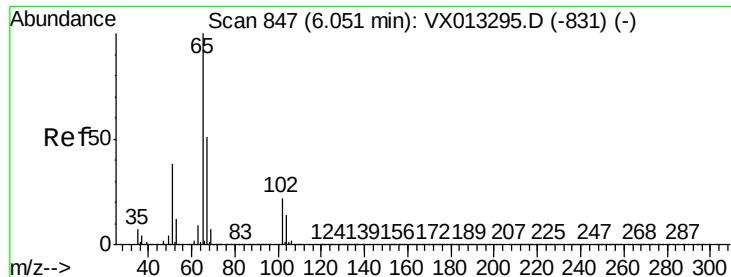
apatel
11/27/2019 12:13:26 PM



#32
1,1,1-Trichloroethane
Concen: 19.545 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	43.6	36.5	54.7





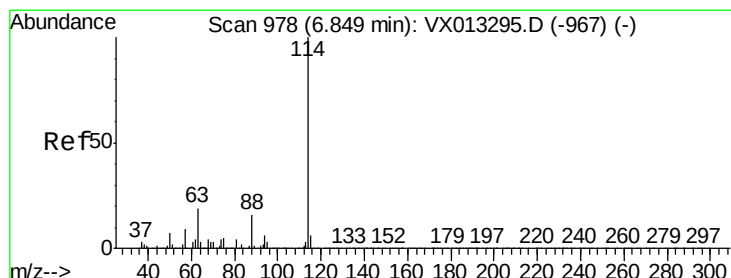
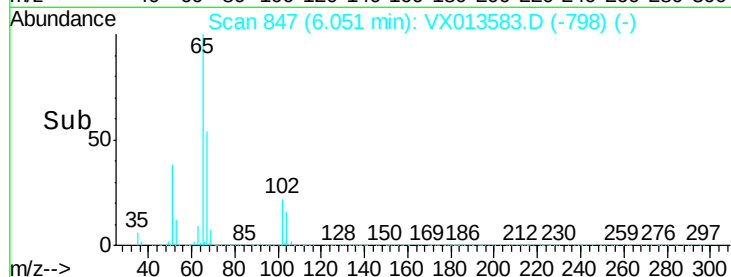
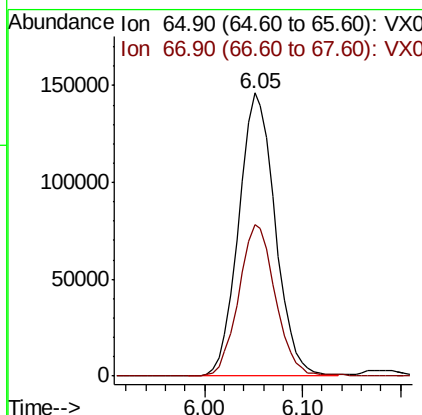
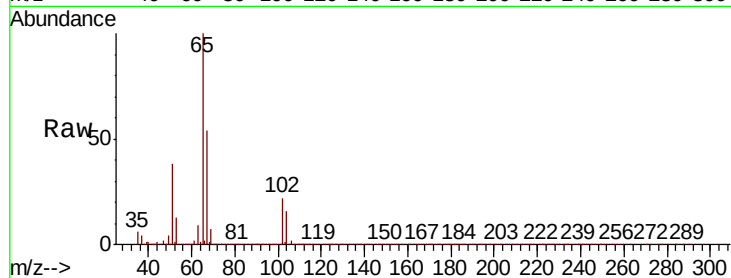
#33
 1,2-Dichloroethane-d4
 Concen: 51.667 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	376585		
67	53.6	0.0	104.2	

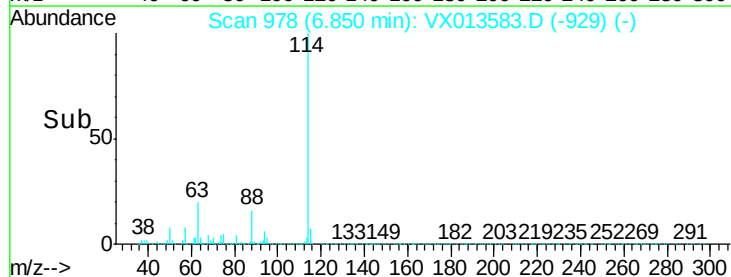
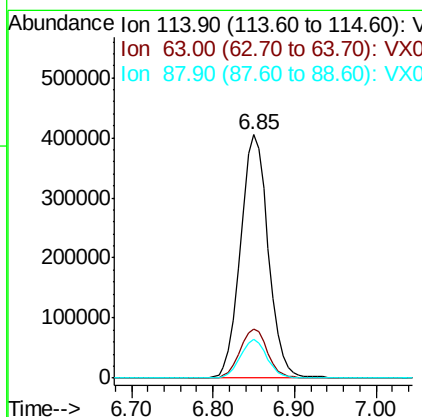
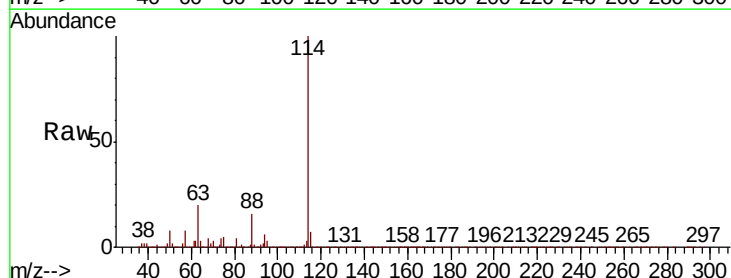
Manual Integrations
 APPROVED

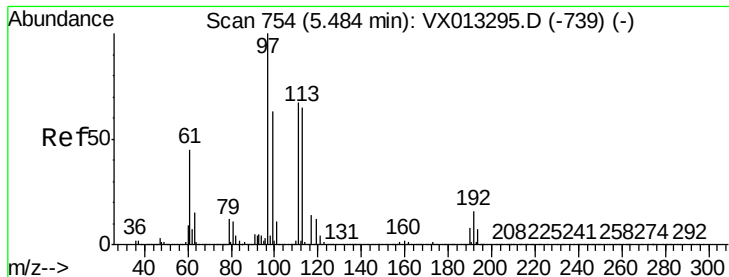
apatel
 11/27/2019 12:13:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	954840		
63	20.2	0.0	38.4	
88	15.9	0.0	32.2	





#35

Dibromofluoromethane

Concen: 52.159 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

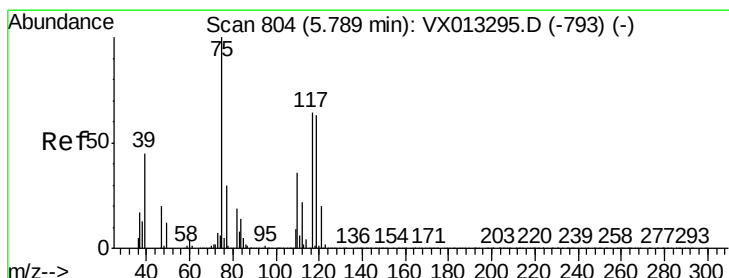
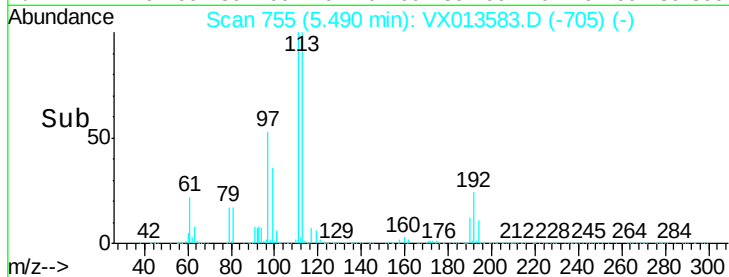
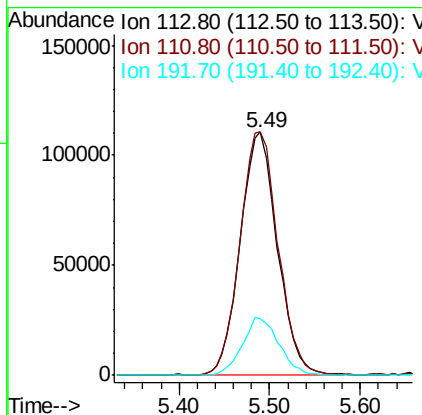
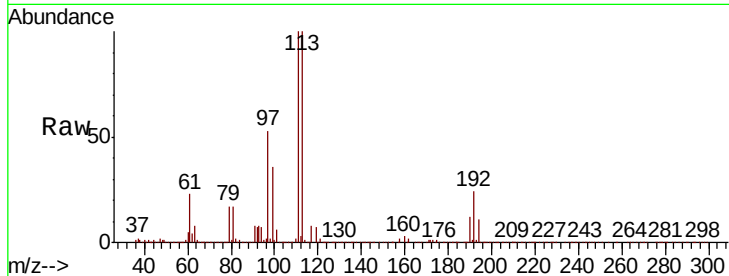
ClientSampleId :

VX1125WBSD01

Tot Ion:	113	Resp:	312372
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.9	122.9
192	23.6	19.1	28.7

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#36

1,1-Dichloropropene

Concen: 19.036 ug/l

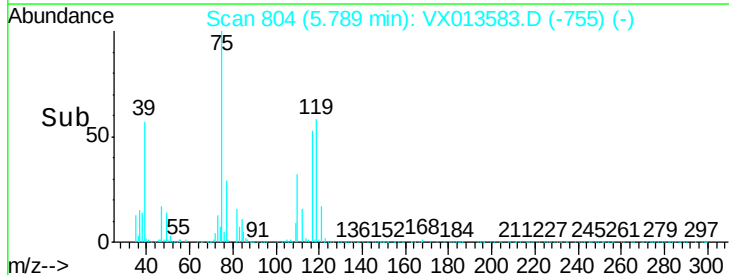
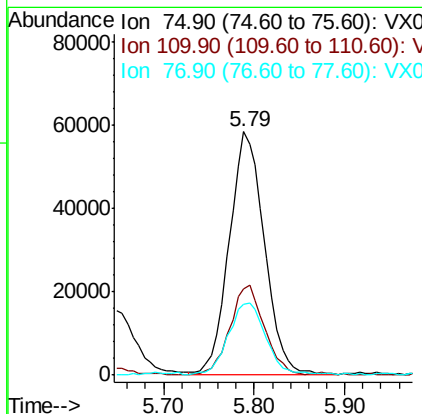
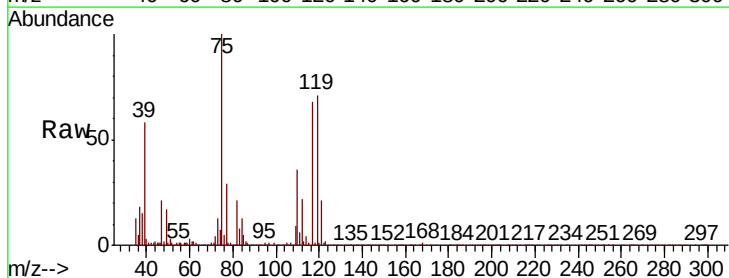
RT: 5.79 min Scan# 804

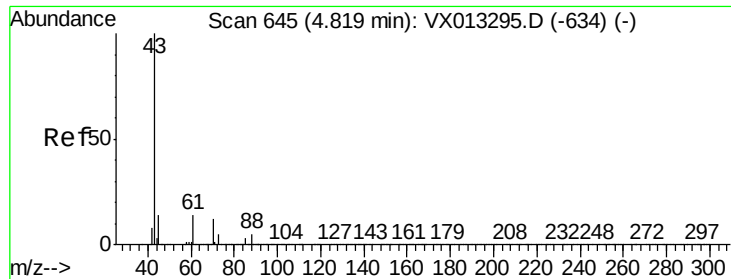
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	75	Resp:	155927
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.1
77	30.9	25.0	37.4





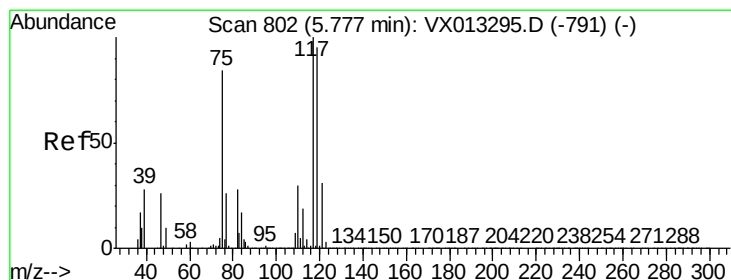
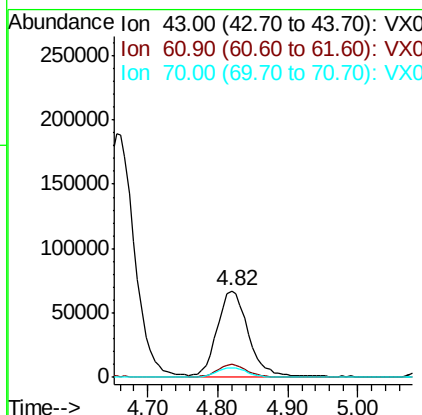
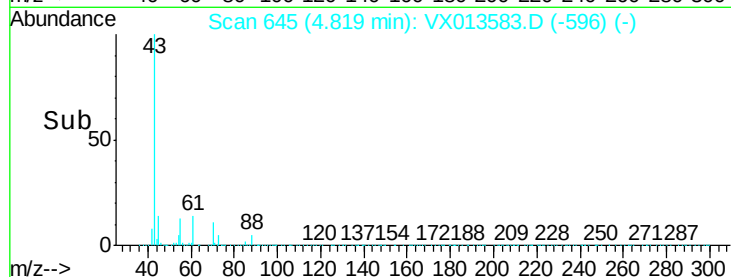
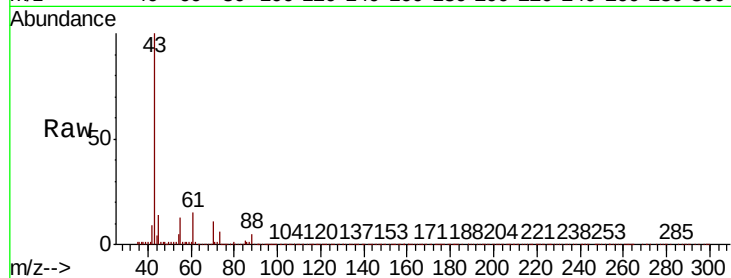
#37
Ethyl Acetate
Concen: 20.283 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	43	Resp	205295
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	11.4	8.7	13.1

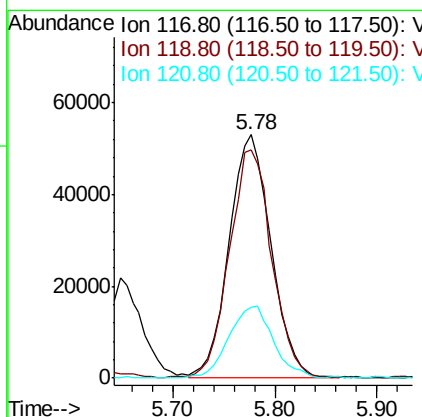
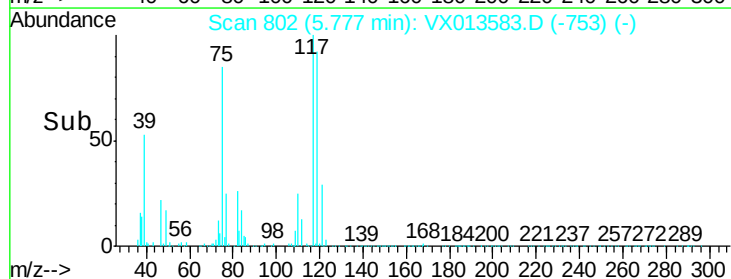
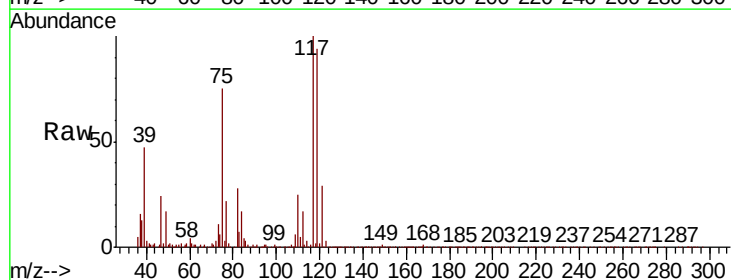
Manual Integrations
APPROVED

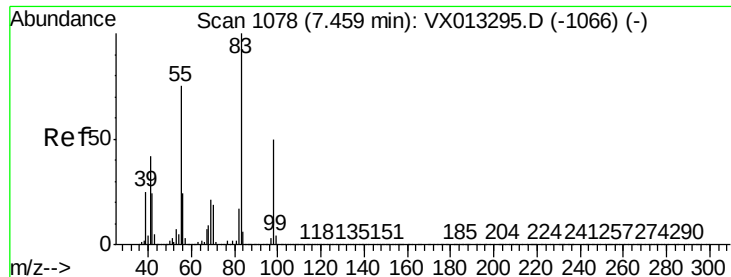
apatel
11/27/2019 12:13:26 PM



#38
Carbon Tetrachloride
Concen: 18.703 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	117	Resp	149817
Ion Ratio	Lower	Upper	
117	100		
119	93.7	76.1	114.1
121	28.5	24.6	37.0





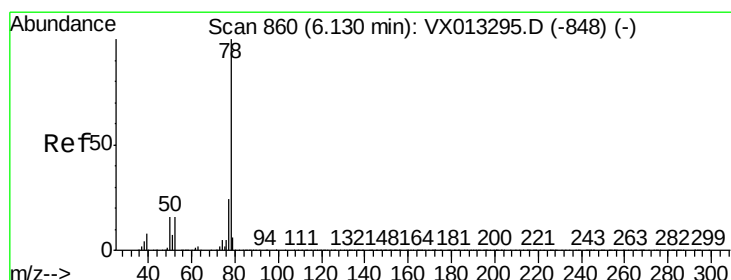
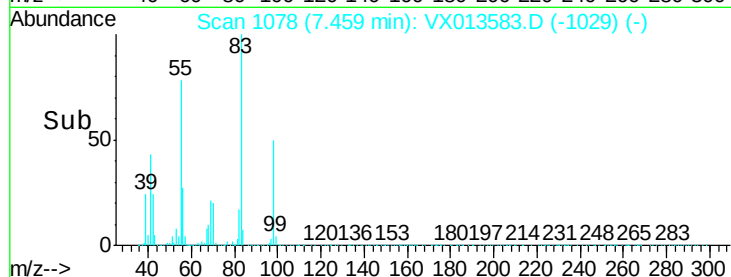
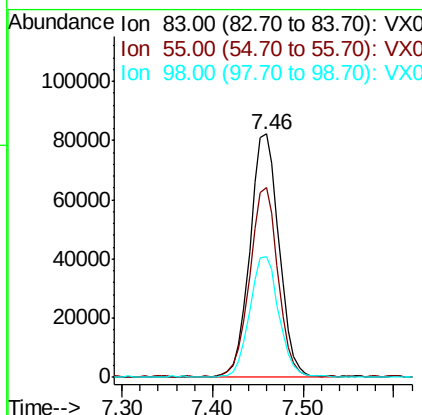
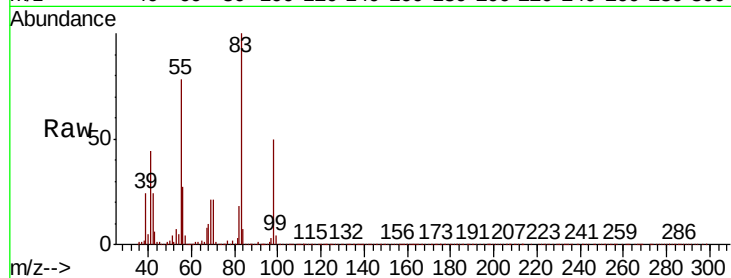
#39
Methylvlcyclohexane
Concen: 17.853 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.3	90.5
98	49.4	40.3	60.5

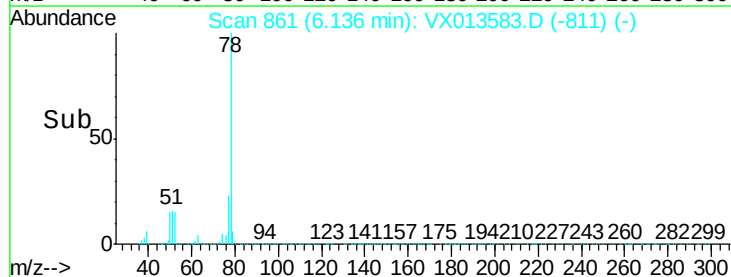
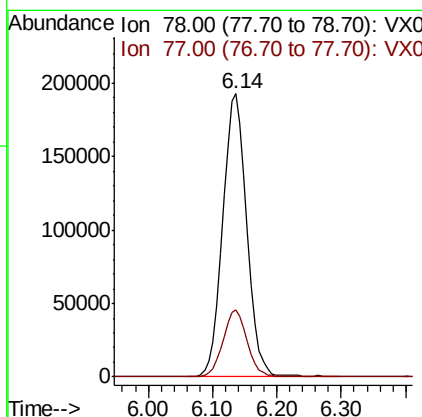
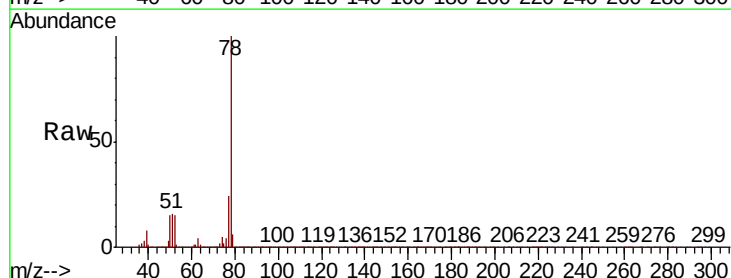
Manual Integrations
APPROVED

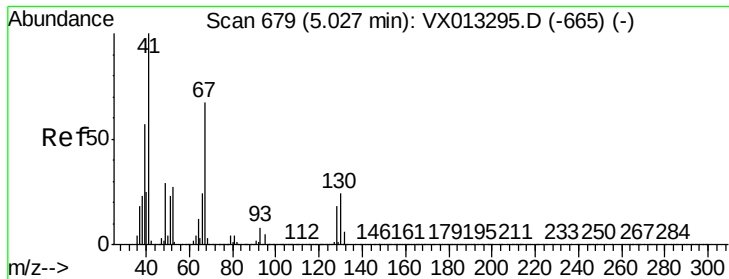
apatel
11/27/2019 12:13:26 PM



#40
Benzene
Concen: 19.842 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





#41

Methacrylonitrile

Concen: 21.005 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

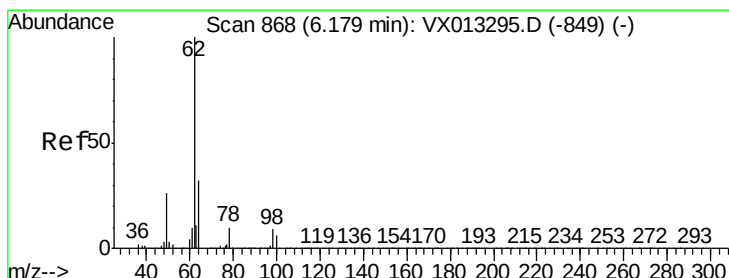
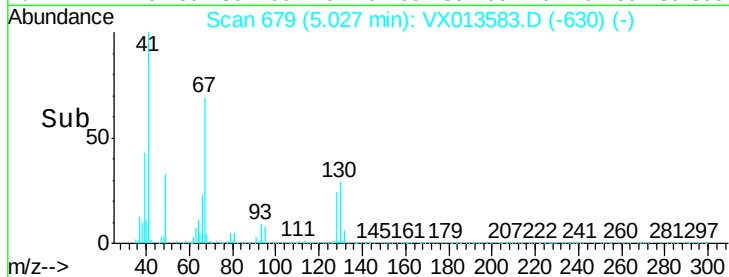
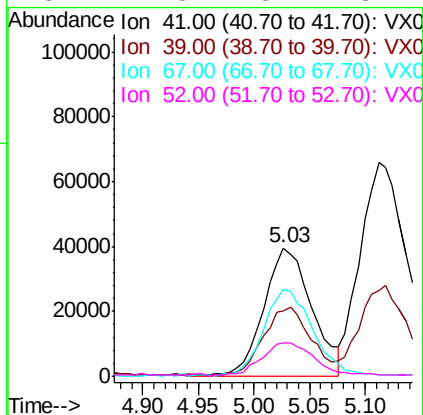
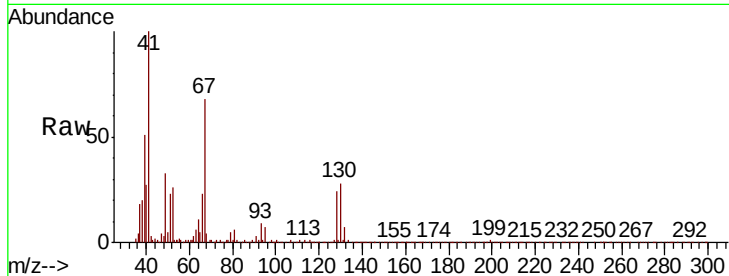
ClientSampleId :

VX1125WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.6	45.0	67.6	
67	67.9	55.4	83.2	
52	27.8	23.1	34.7	

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#42

1,2-Dichloroethane

Concen: 19.527 ug/l

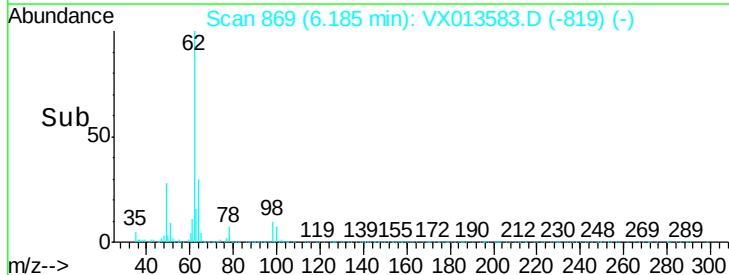
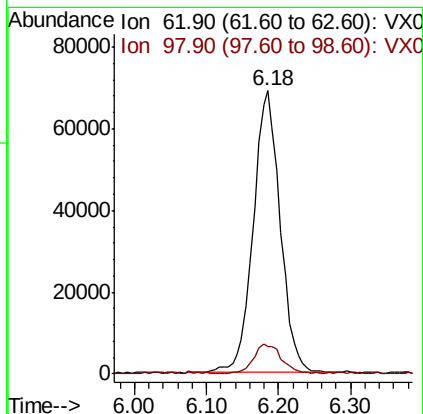
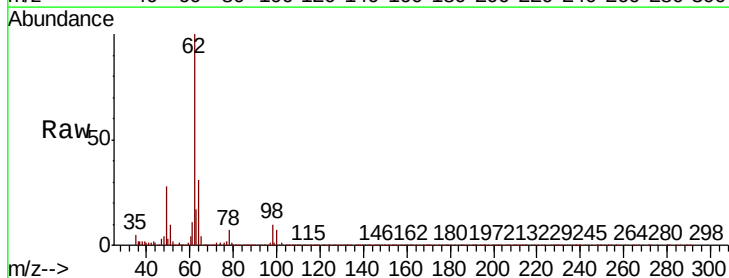
RT: 6.18 min Scan# 869

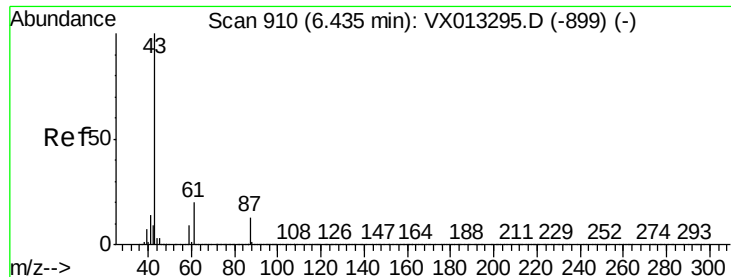
Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	19.4	





#43

Isopropyl Acetate

Concen: 21.038 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

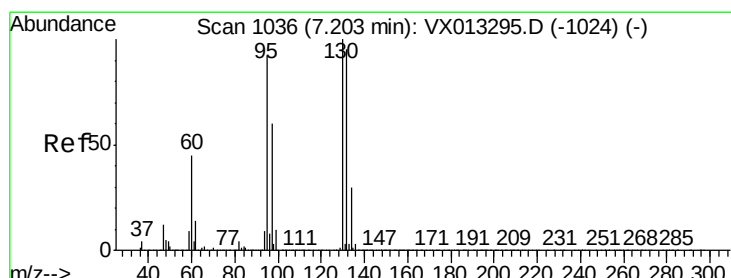
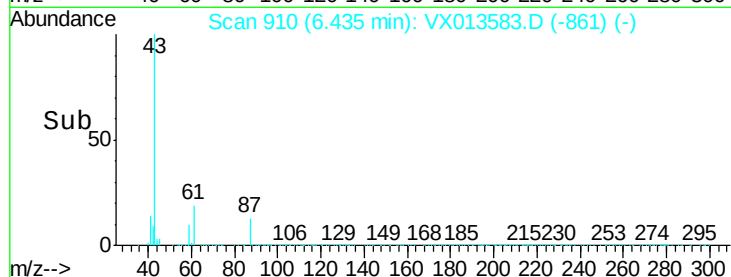
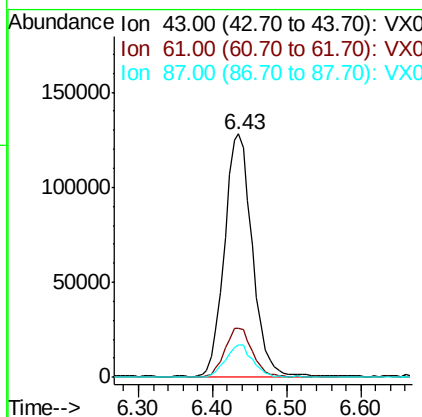
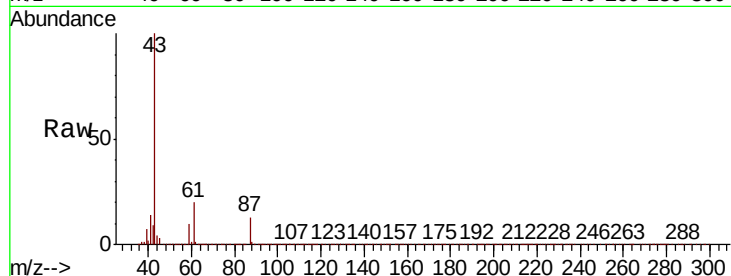
ClientSampleId :

VX1125WBSD01

Tot Ion:	43	Resp:	331590
Ion Ratio		Lower	Upper
43	100		
61	19.7	15.8	23.8
87	12.9	10.4	15.6

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#44

Trichloroethene

Concen: 18.869 ug/l

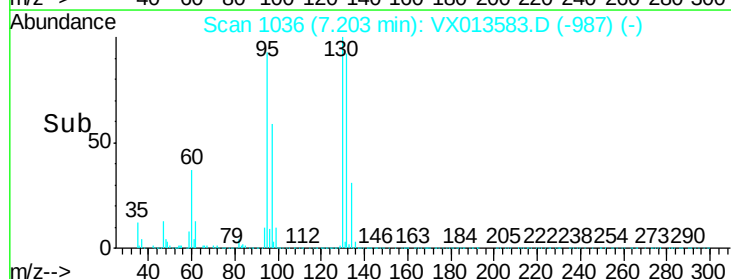
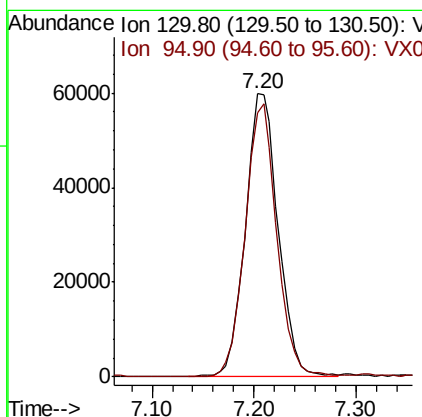
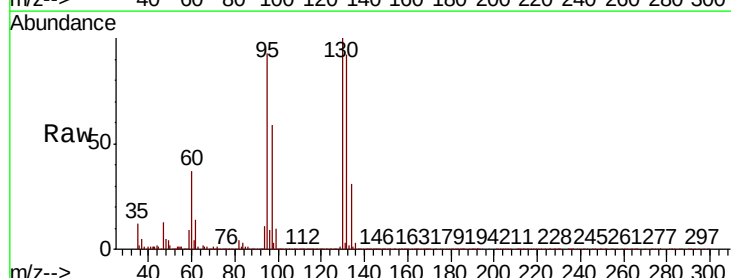
RT: 7.20 min Scan# 1036

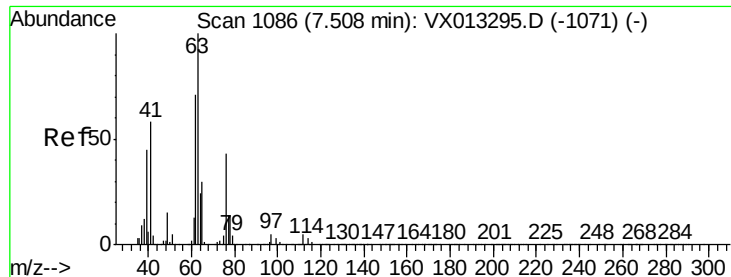
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	130	Resp:	132526
Ion Ratio		Lower	Upper
130	100		
95	93.3	0.0	184.8





#45

1,2-Dichloropropane

Concen: 20.838 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 63 Resp: 135473

Ion Ratio Lower Upper

63 100

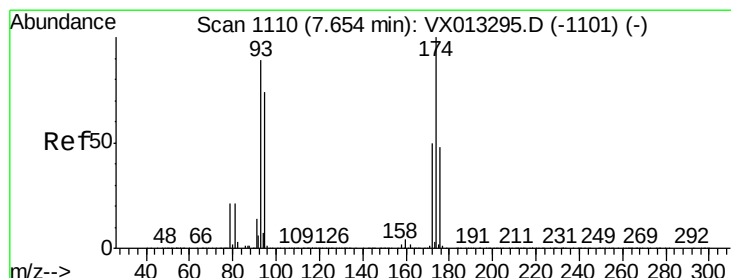
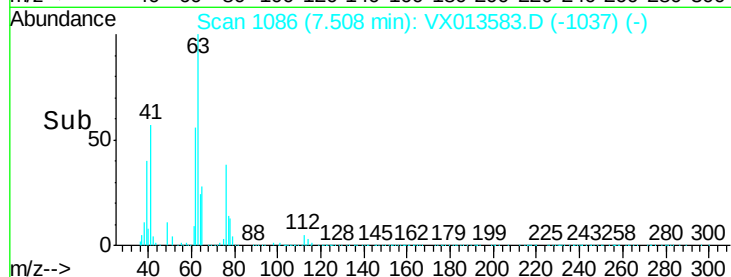
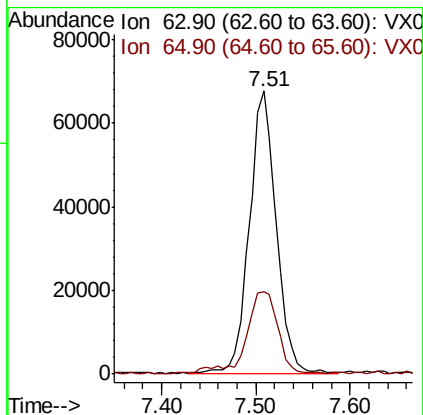
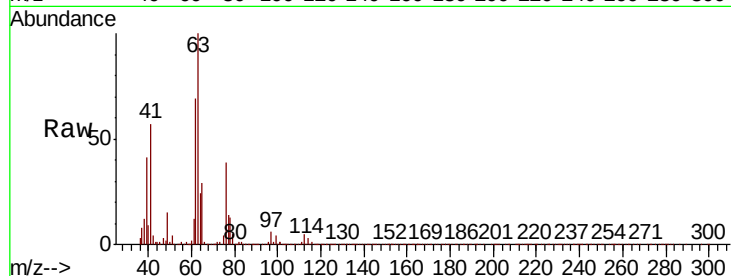
65 28.9 24.3 36.5

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#46

Dibromomethane

Concen: 19.480 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

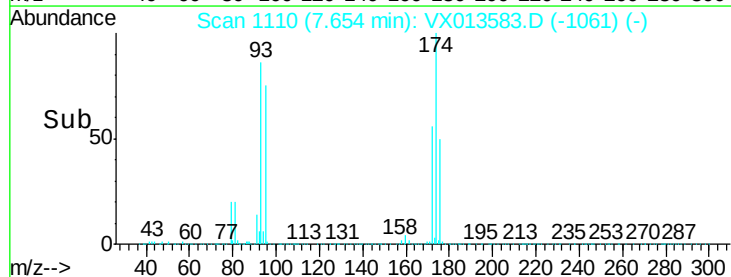
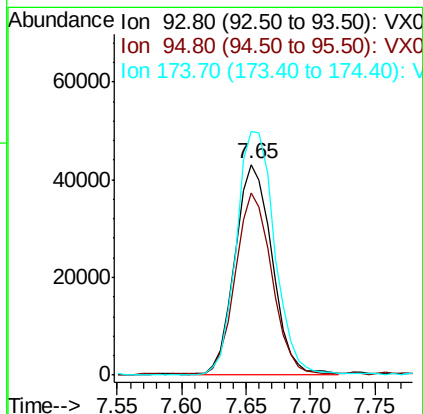
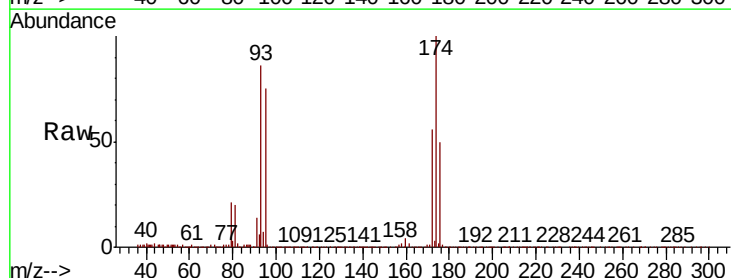
Tgt Ion: 93 Resp: 86472

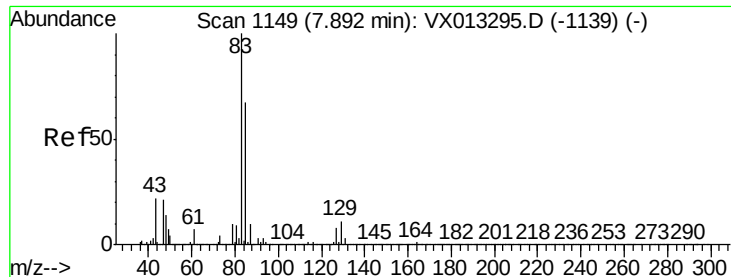
Ion Ratio Lower Upper

93 100

95 84.7 65.8 98.6

174 119.1 90.4 135.6





#47

Bromodichloromethane

Concen: 20.623 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

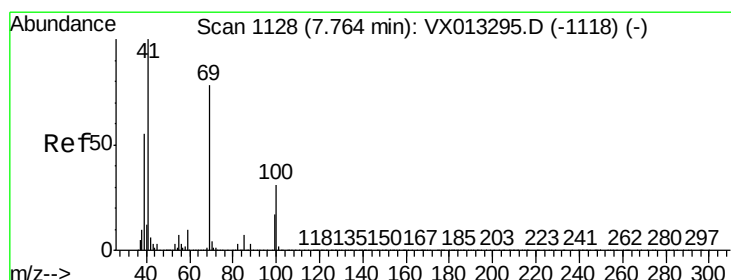
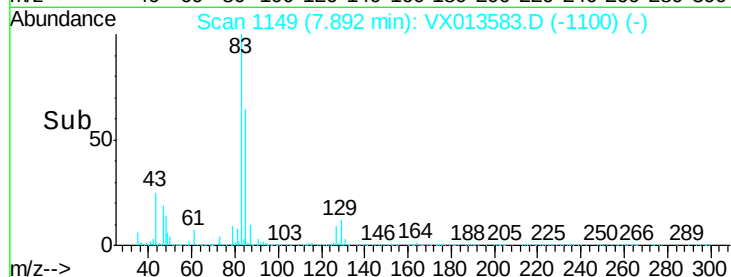
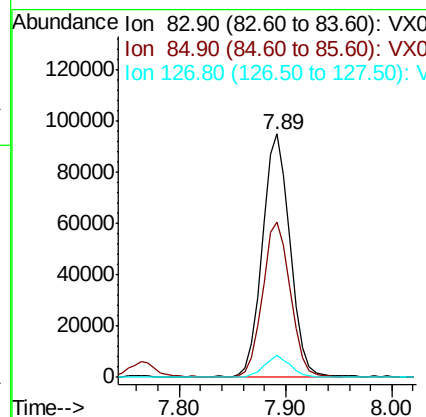
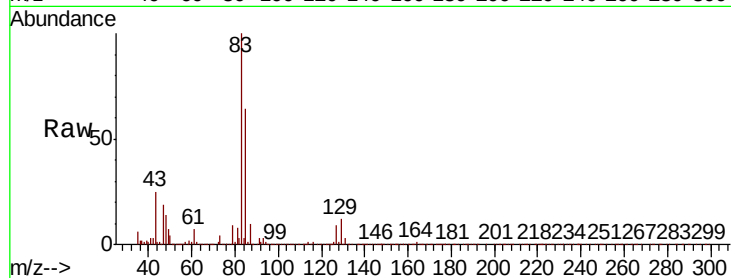
ClientSampleId :

VX1125WBSD01

Tot Ion:	83	Resp:	172625
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.7	80.5
127	8.9	6.4	9.6

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#48

Methyl methacrylate

Concen: 20.811 ug/l

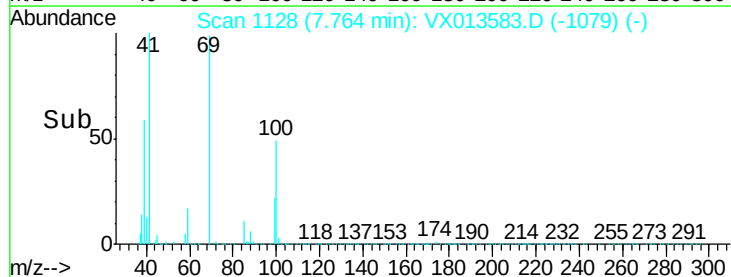
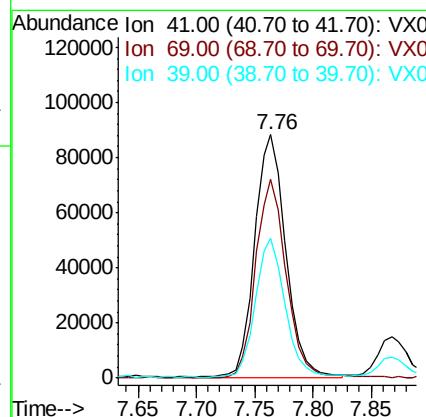
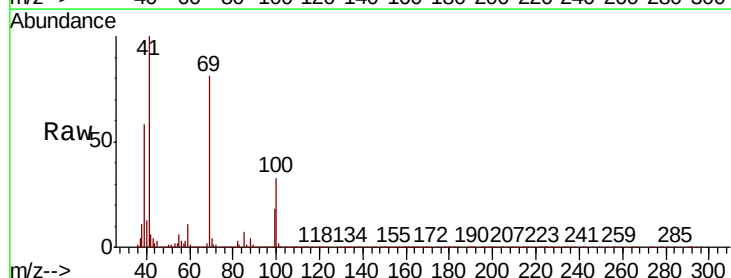
RT: 7.76 min Scan# 1128

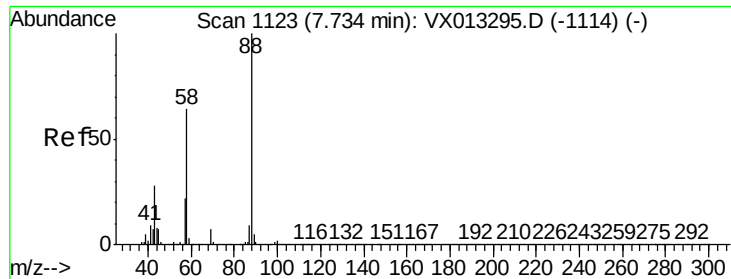
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	41	Resp:	163738
Ion Ratio	Lower	Upper	
41	100		
69	80.8	63.0	94.6
39	54.9	45.9	68.9





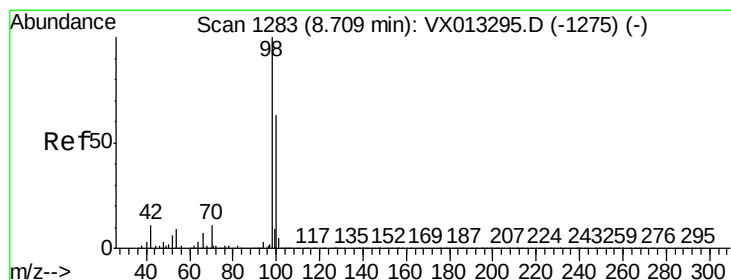
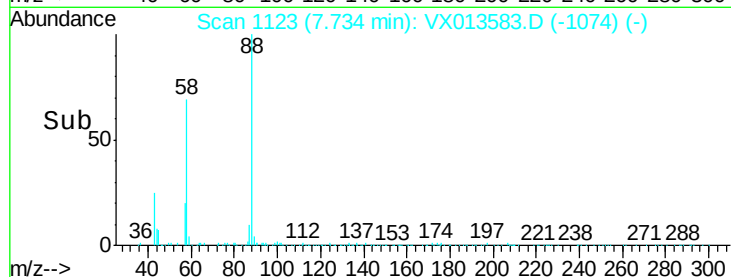
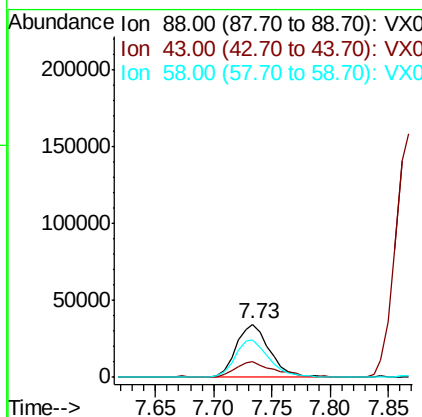
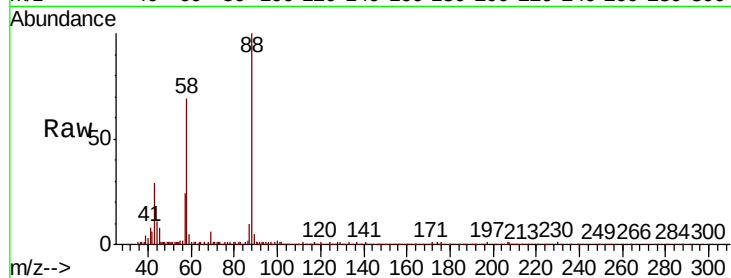
#49
1,4-Dioxane
Concen: 379.011 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.6	39.8
58	70.6	55.0	82.6

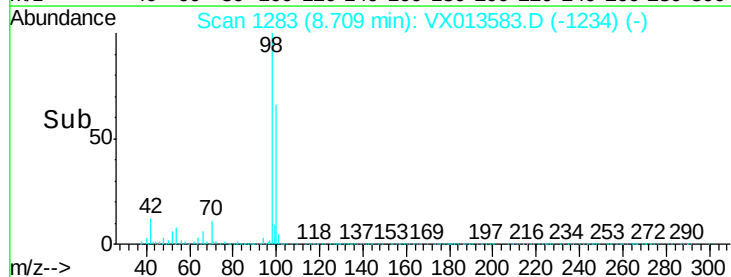
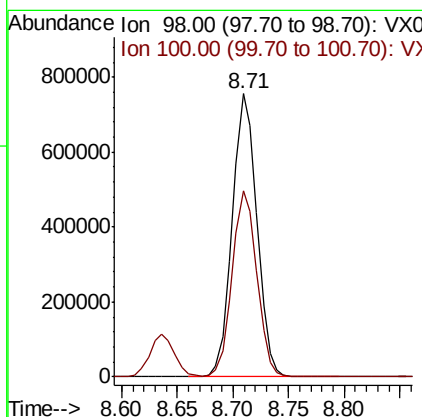
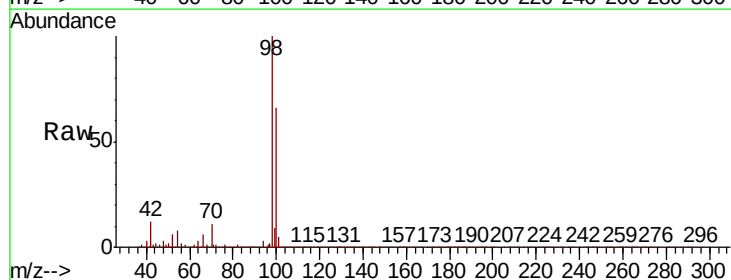
Manual Integrations
APPROVED

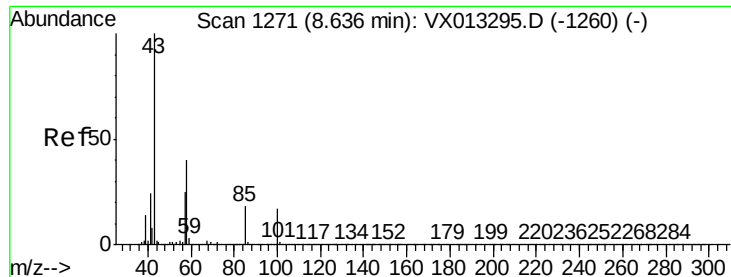
apatel
11/27/2019 12:13:26 PM



#50
Toluene-d8
Concen: 51.319 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 103.780 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 43 Resp: 1073175

Ion Ratio Lower Upper

43 100

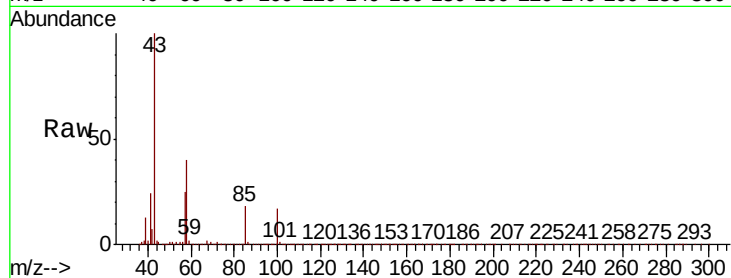
58 40.1 31.4 47.0

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

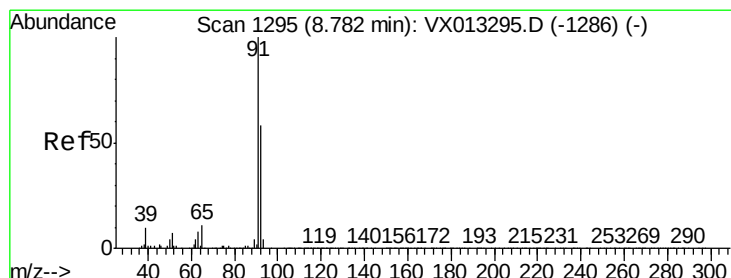
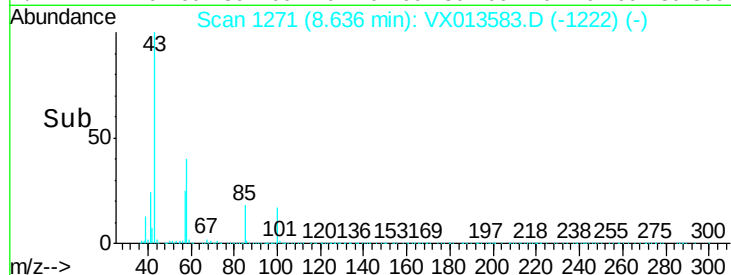
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 19.977 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013583.D

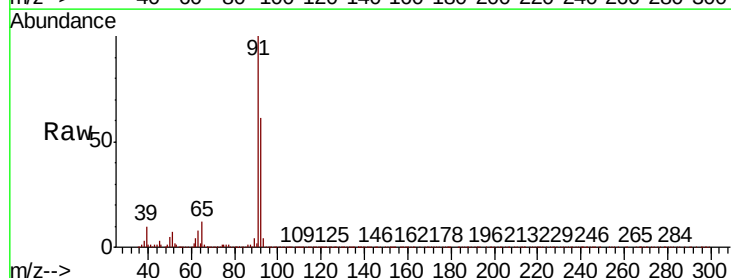
Acq: 25 Nov 2019 16:00

Tgt Ion: 92 Resp: 315932

Ion Ratio Lower Upper

92 100

91 168.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

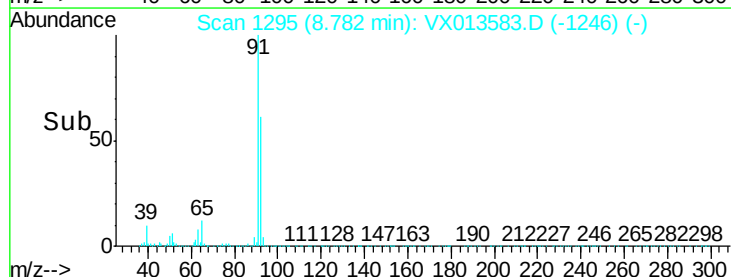
300000

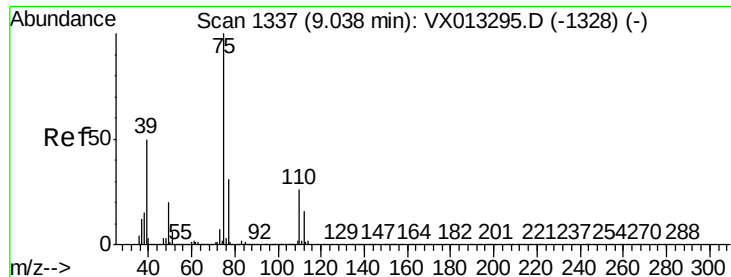
200000

100000

0

Time-->





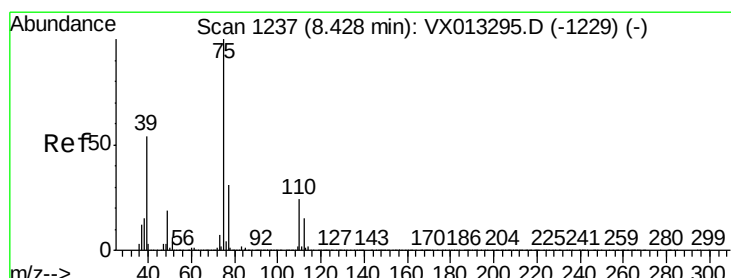
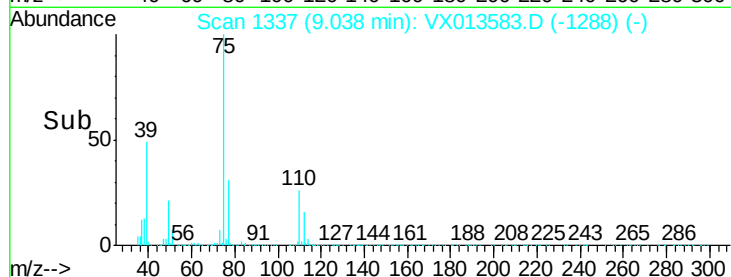
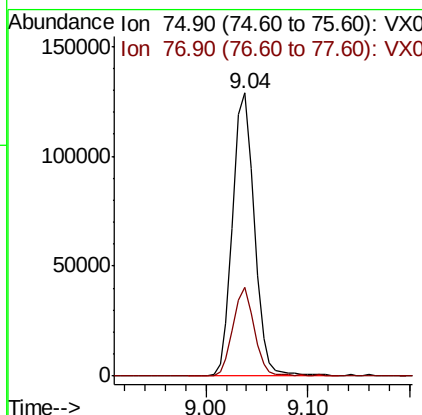
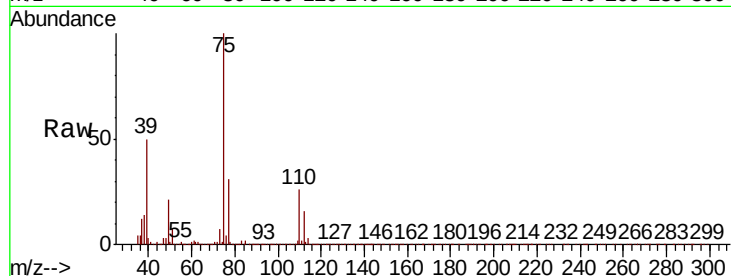
#53
t-1,3-Dichloropropene
Concen: 20.642 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4

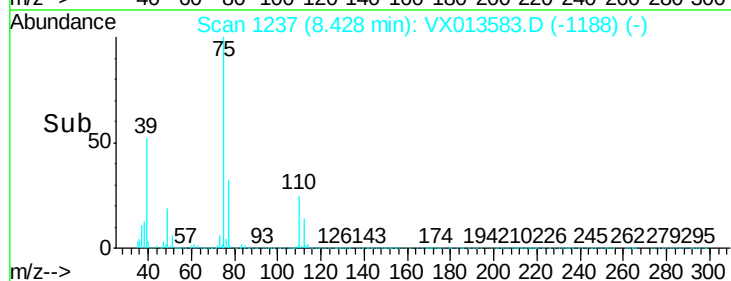
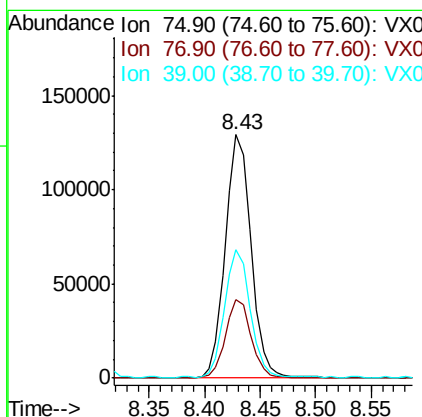
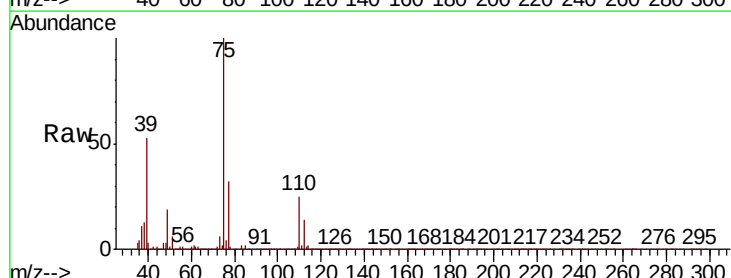
Manual Integrations
APPROVED

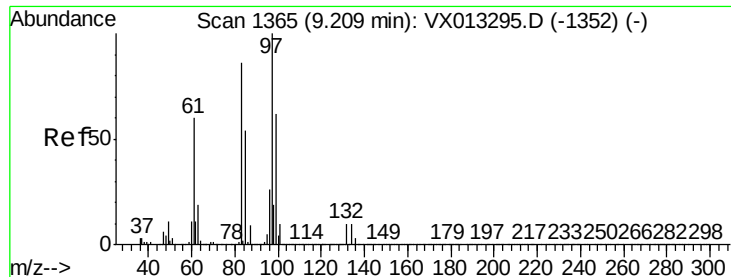
apatel
11/27/2019 12:13:26 PM



#54
cis-1,3-Dichloropropene
Concen: 20.238 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	52.3	43.0	64.6





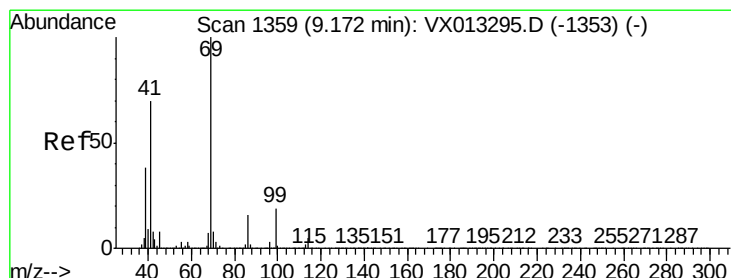
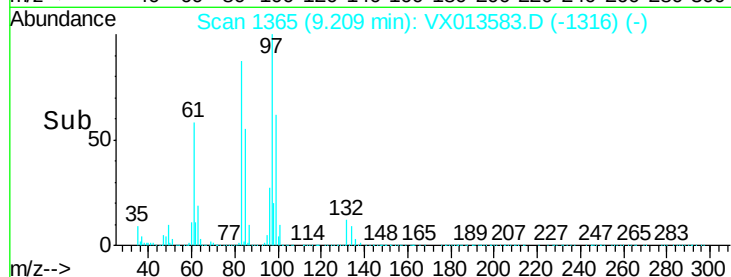
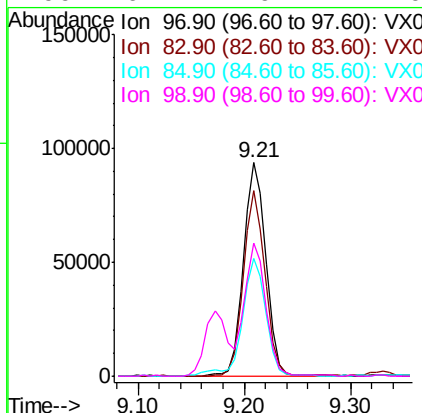
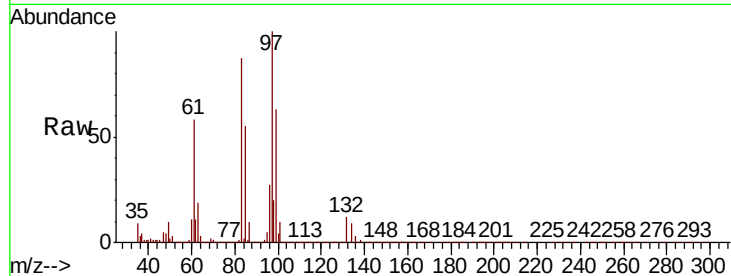
#55
1,1,2-Trichloroethane
Concen: 21.137 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	138555		
83	86.7	68.6	103.0	
85	54.9	43.1	64.7	
99	62.4	49.4	74.0	

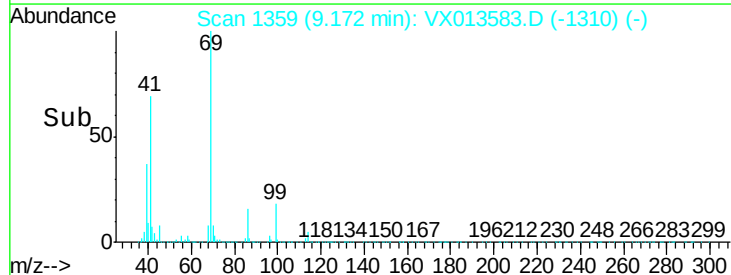
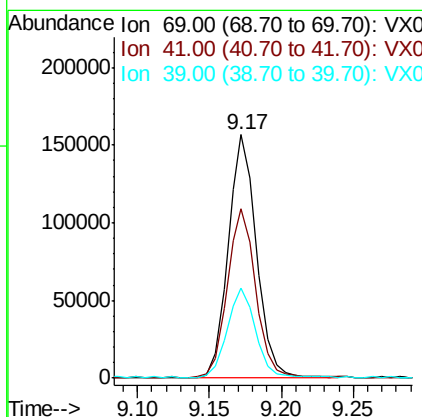
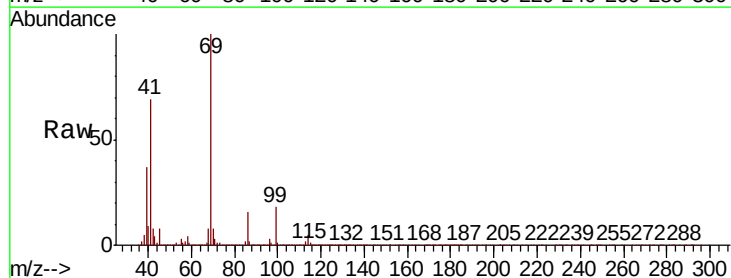
Manual Integrations
APPROVED

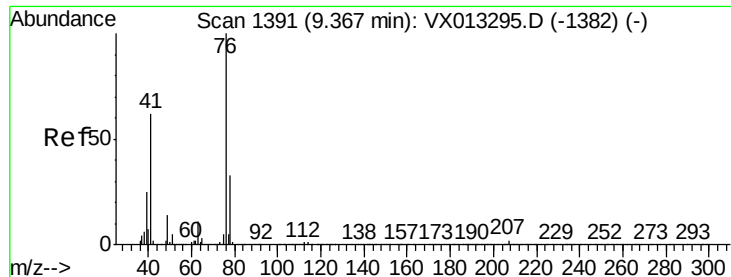
apatel
11/27/2019 12:13:26 PM



#56
Ethyl methacrylate
Concen: 20.234 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	215680		
41	69.5	56.2	84.2	
39	36.7	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 20.865 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 76 Resp: 232174

Ion Ratio Lower Upper

76 100

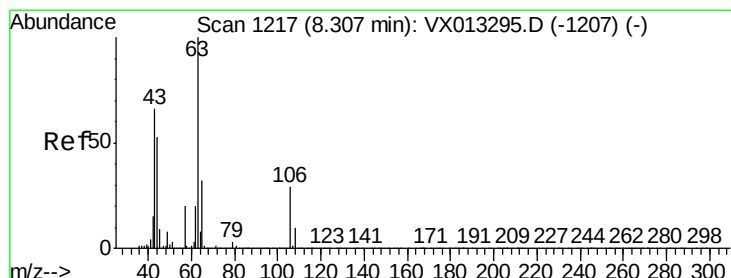
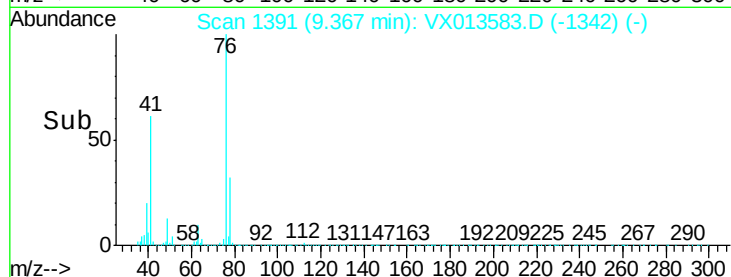
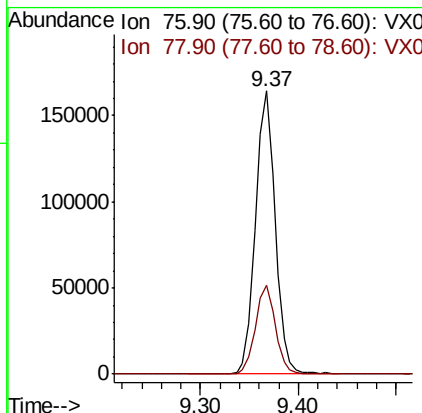
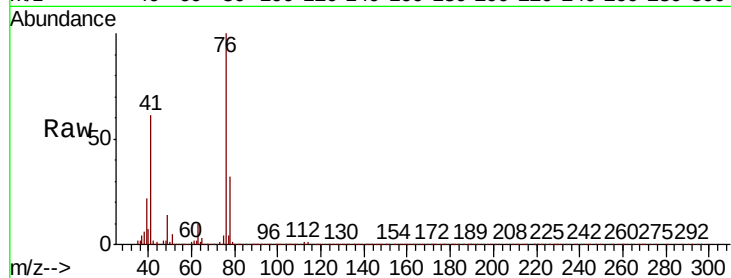
78 31.7 25.8 38.6

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#58

2-Chloroethyl Vinyl ether

Concen: 104.191 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013583.D

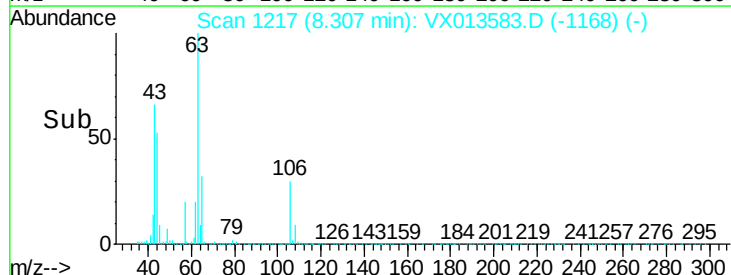
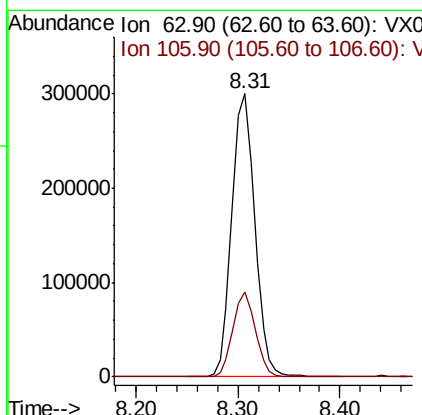
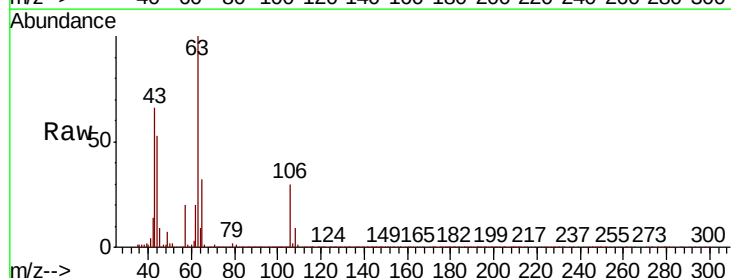
Acq: 25 Nov 2019 16:00

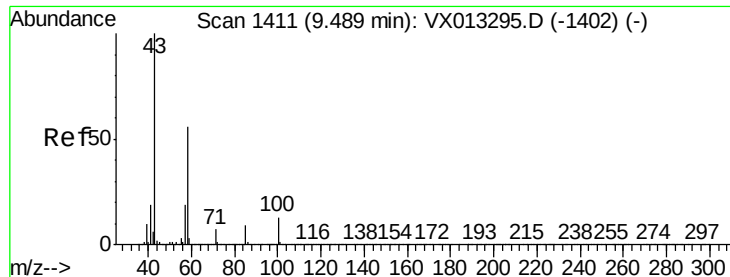
Tgt Ion: 63 Resp: 466978

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2





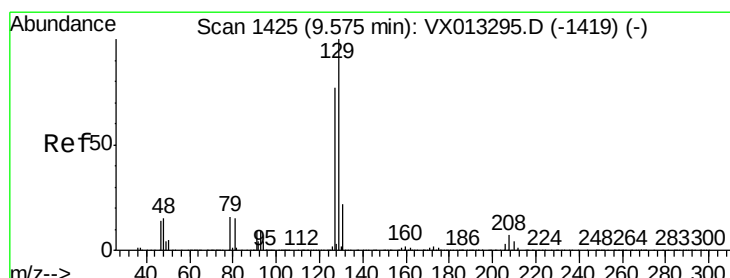
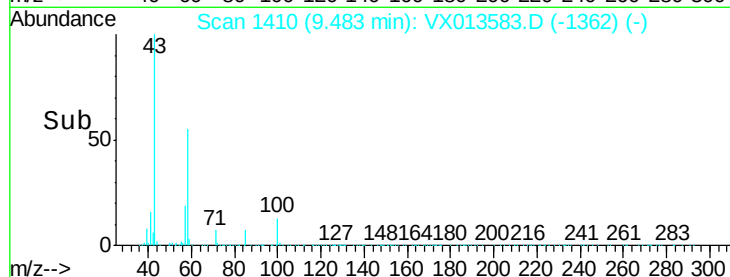
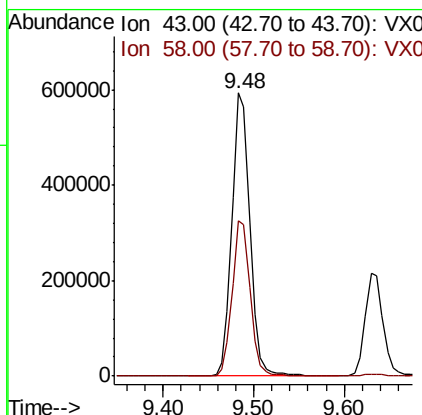
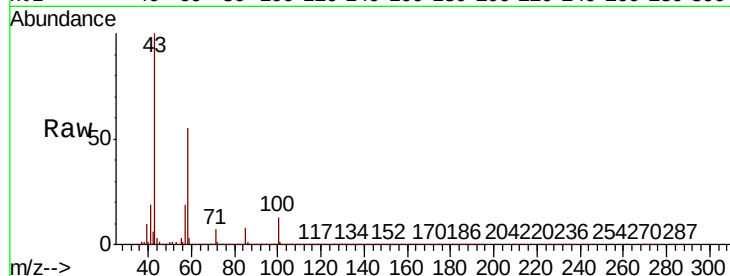
#59
2-Hexanone
Concen: 102.341 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.3	81.8

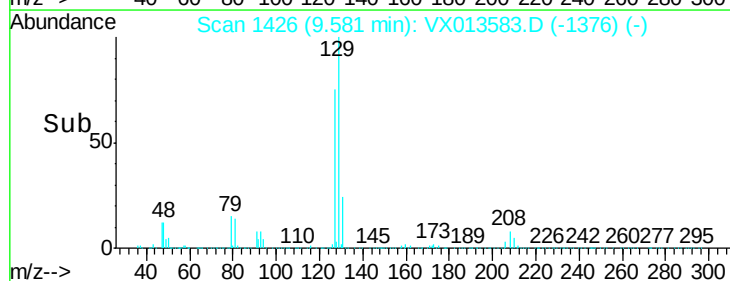
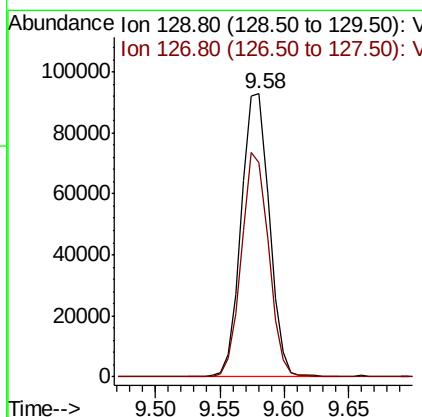
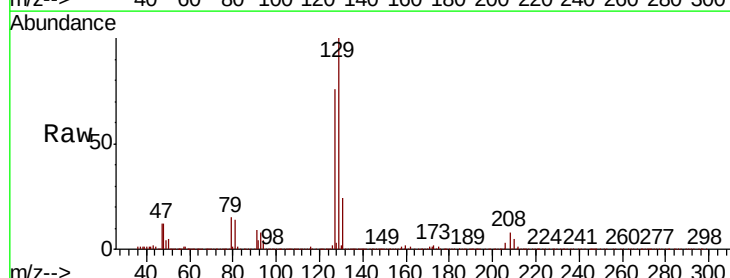
Manual Integrations
APPROVED

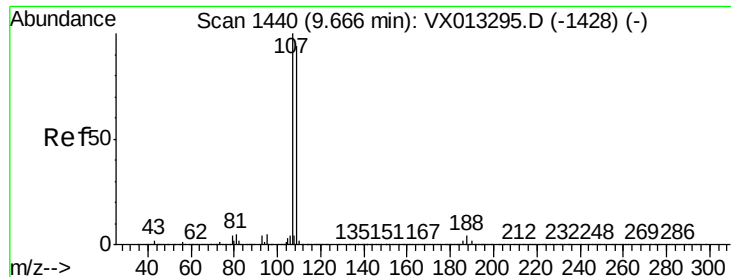
apatel
11/27/2019 12:13:26 PM



#60
Dibromochloromethane
Concen: 20.843 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2





#61

1,2-Dibromoethane

Concen: 20.287 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 107 Resp: 141208

Ion Ratio Lower Upper

107 100

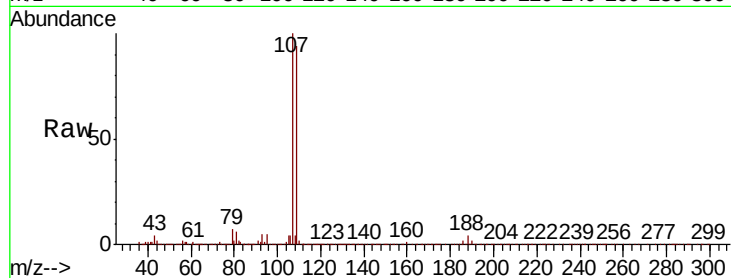
109 92.5 75.1 112.7

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

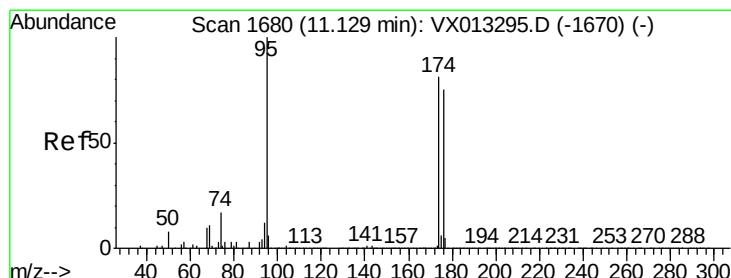
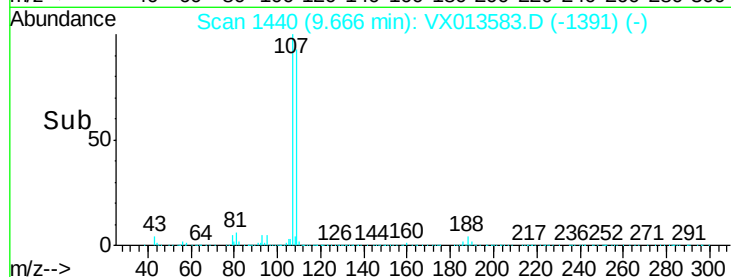
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.601 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

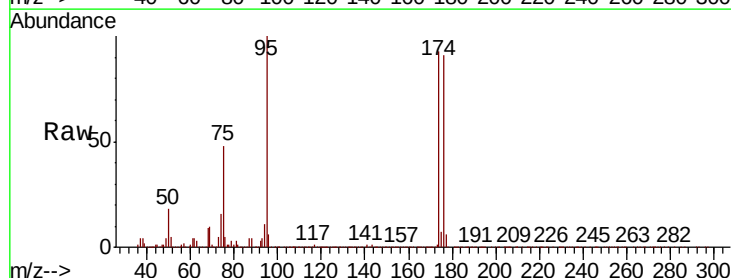
Tgt Ion: 95 Resp: 420461

Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.8

176 85.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

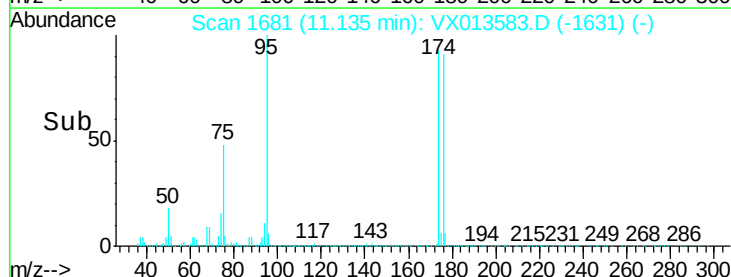
300000

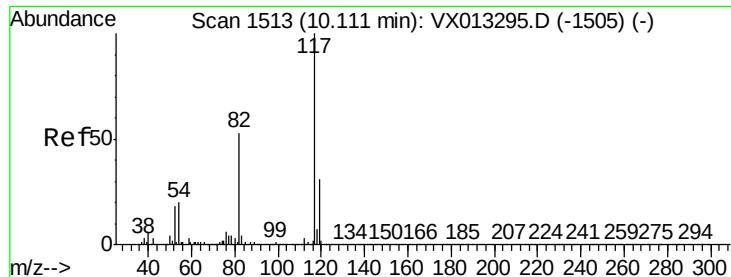
200000

100000

0

Time-->





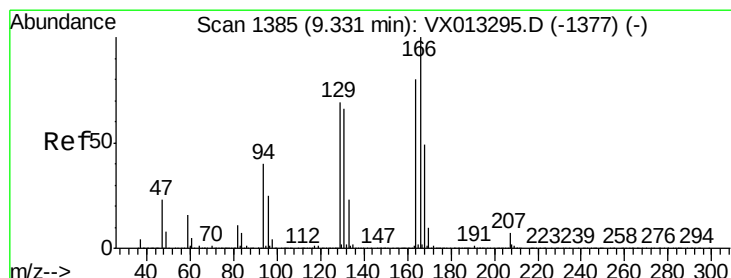
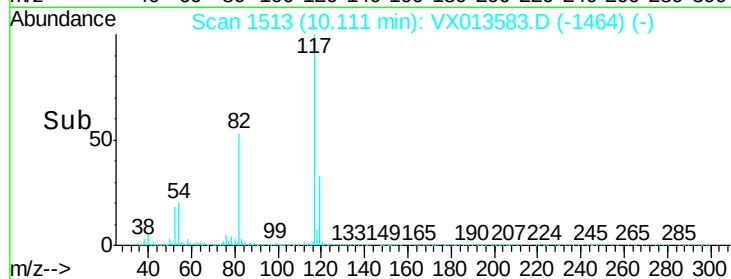
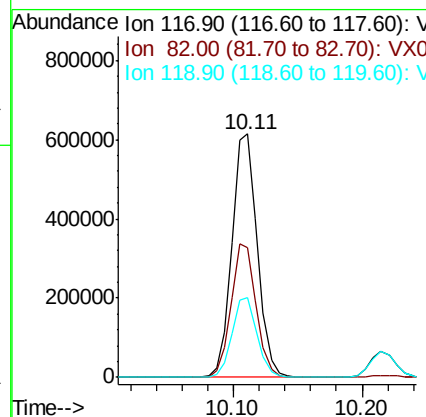
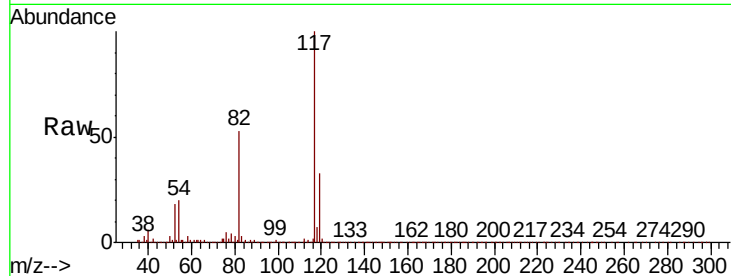
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.5	24.8	37.2

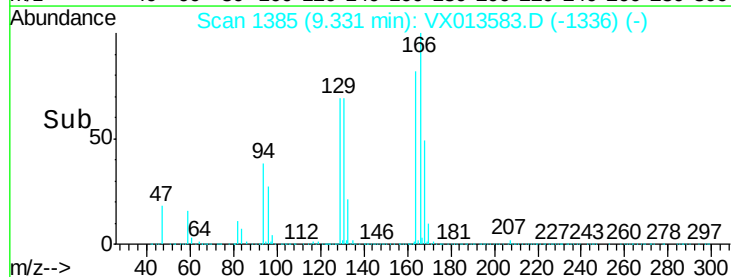
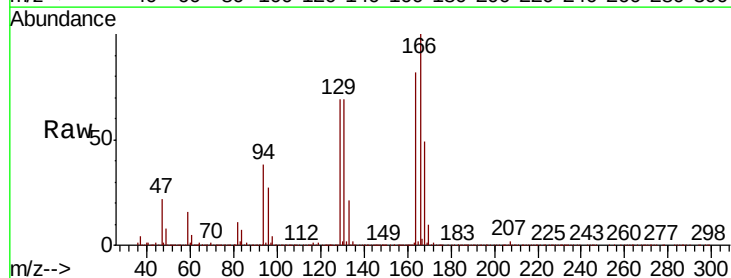
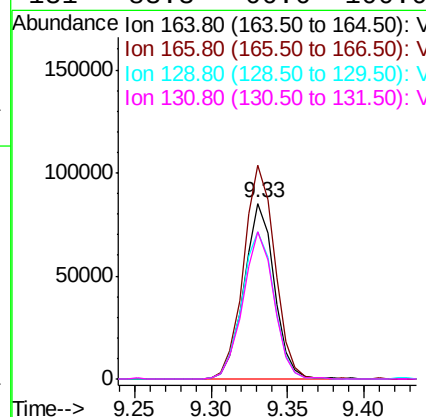
Manual Integrations
APPROVED

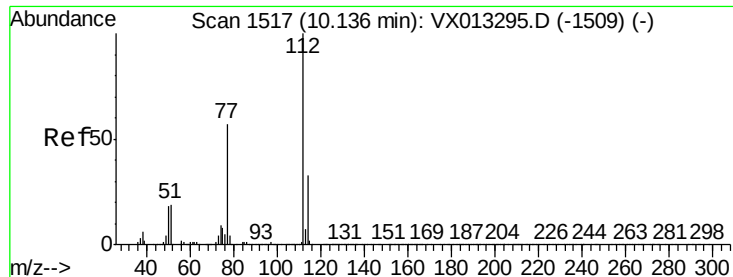
apatel
11/27/2019 12:13:26 PM



#64
Tetrachloroethene
Concen: 19.111 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.4	100.4	150.6
129	83.8	69.4	104.2
131	83.3	66.6	100.0





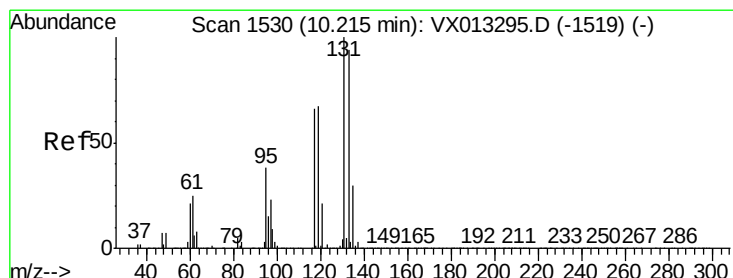
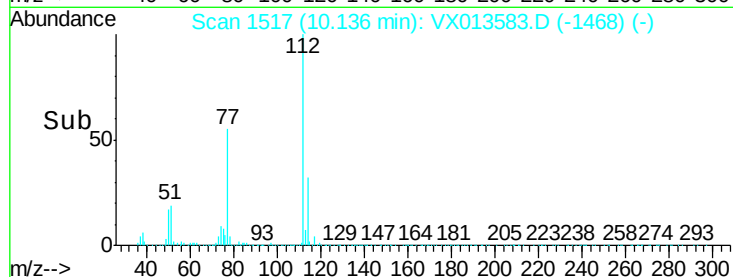
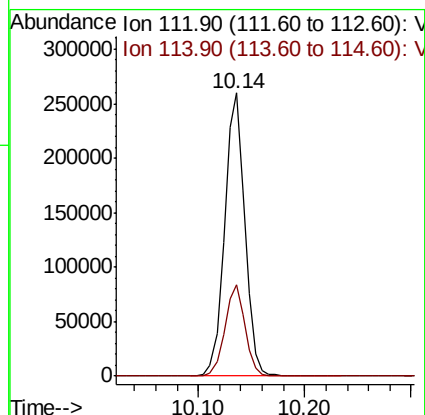
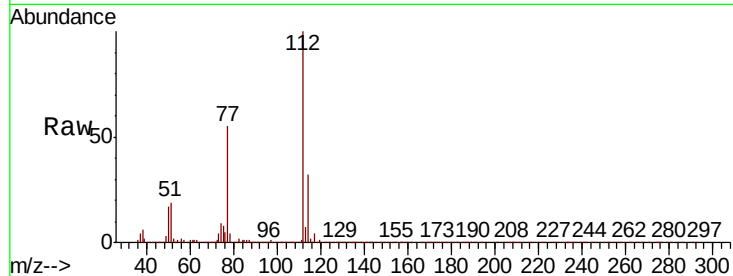
#65
Chlorobenzene
Concen: 20.012 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.4	39.6

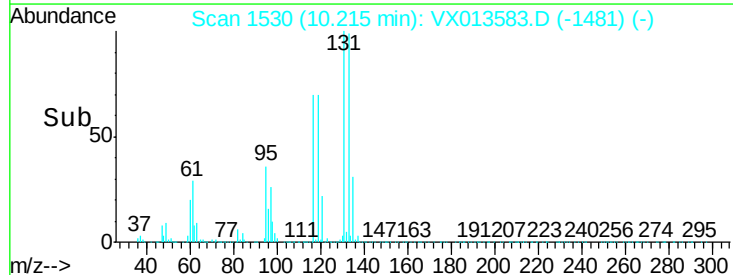
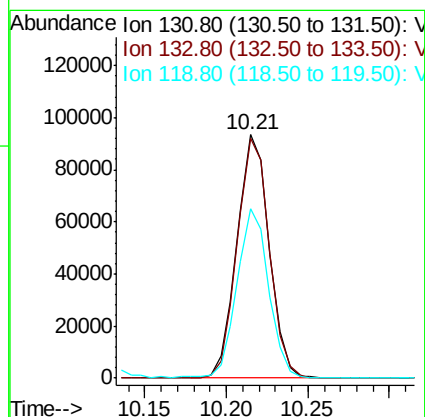
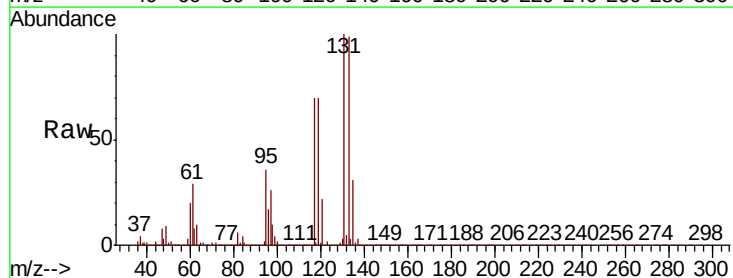
Manual Integrations
APPROVED

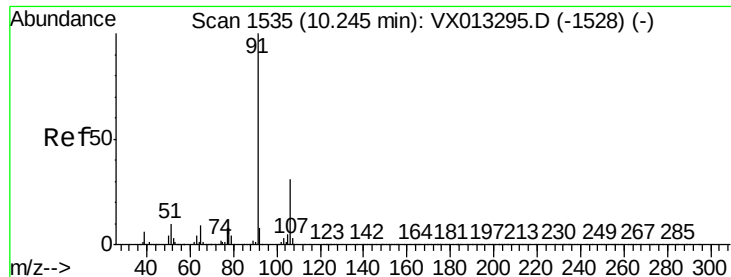
apatel
11/27/2019 12:13:26 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.389 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.0	144.0
119	68.5	33.0	99.0





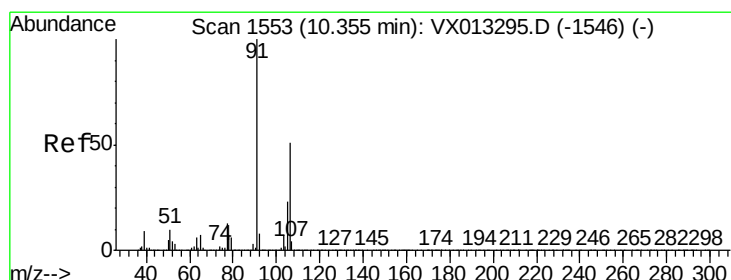
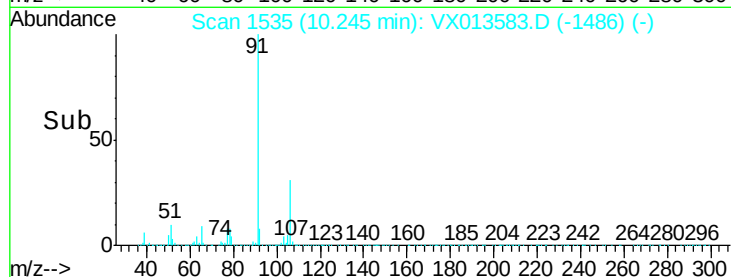
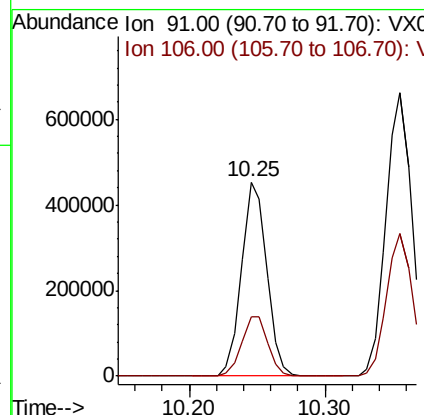
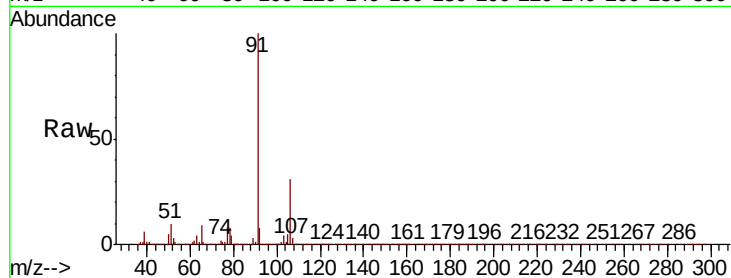
#67
Ethyl Benzene
Concen: 19.734 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion: 91 Resp: 585647
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

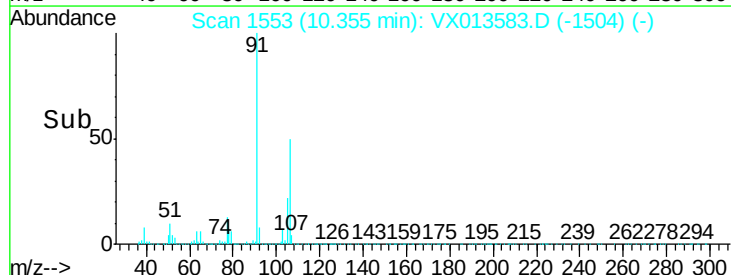
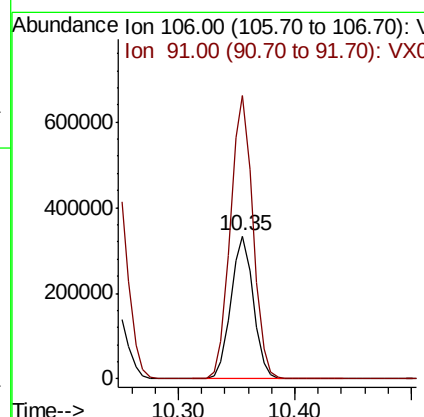
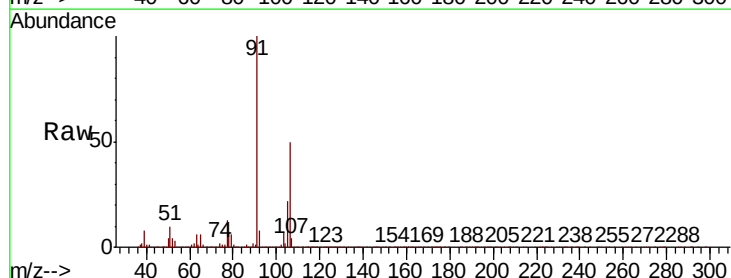
Manual Integrations
APPROVED

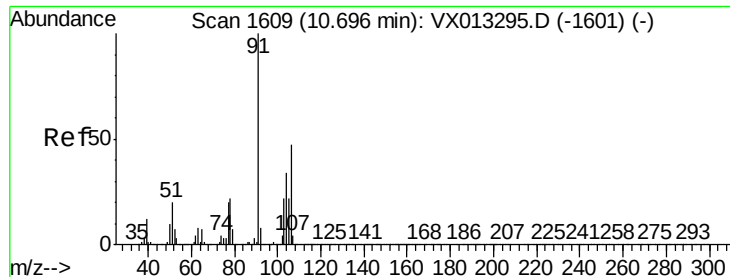
apatel
11/27/2019 12:13:26 PM



#68
m/p-Xylenes
Concen: 39.783 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion: 106 Resp: 446520
Ion Ratio Lower Upper
106 100
91 198.6 159.3 238.9





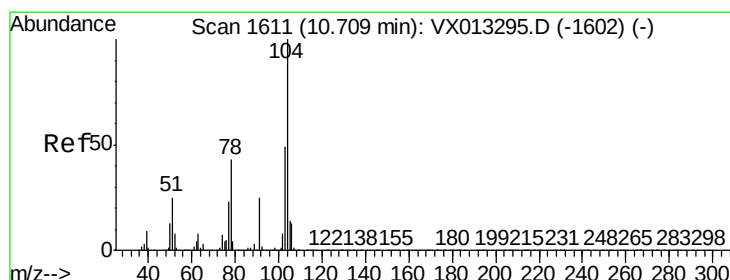
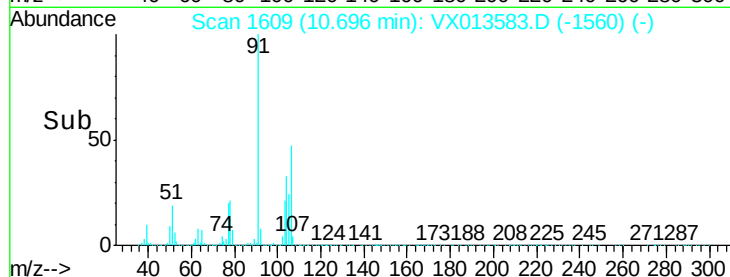
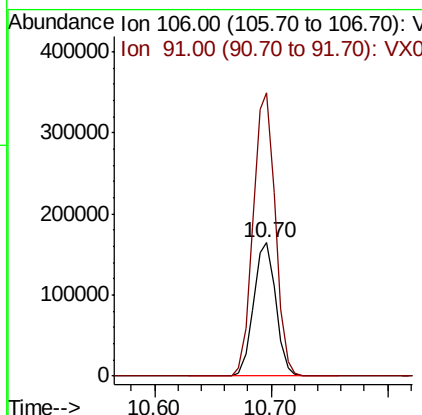
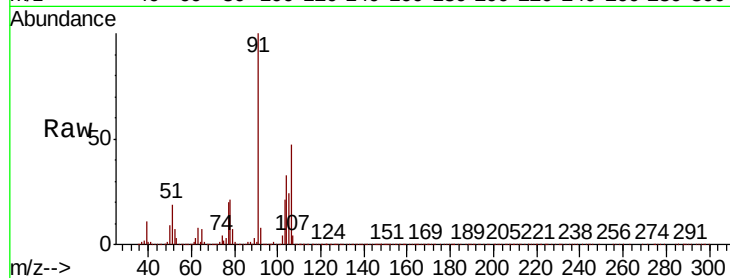
#69
o-Xylene
Concen: 19.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	218177		
91	212.3	105.7	317.0	

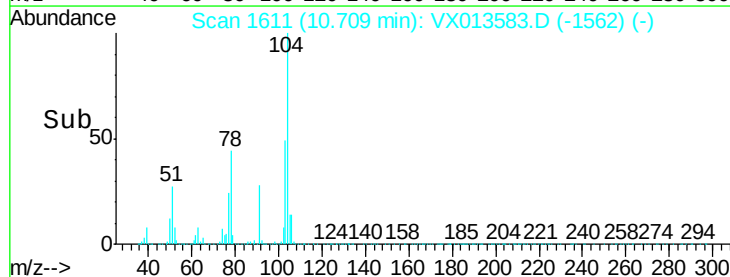
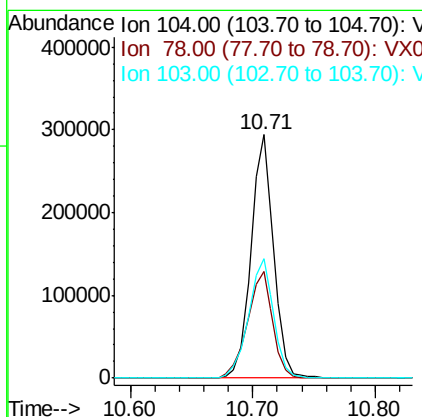
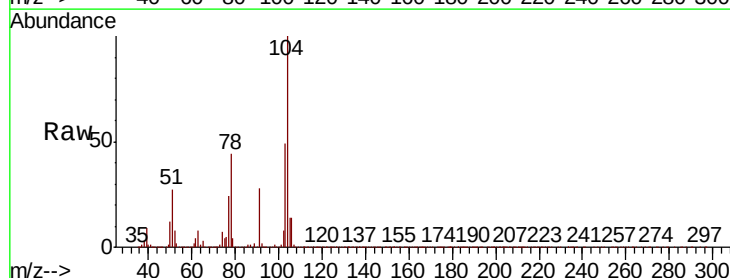
Manual Integrations
APPROVED

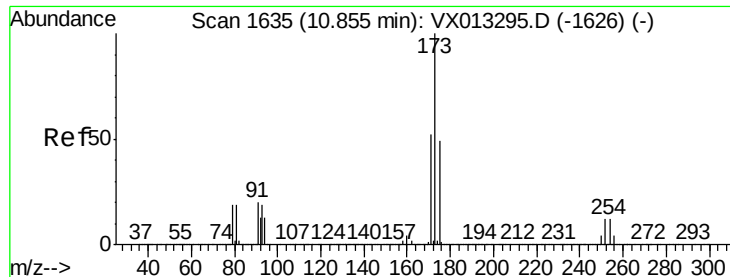
apatel
11/27/2019 12:13:26 PM



#70
Styrene
Concen: 20.549 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	377458		
78	48.8	40.0	60.0	
103	54.4	44.1	66.1	





#71

Bromoform

Concen: 20.092 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion:173 Resp: 105640

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.4

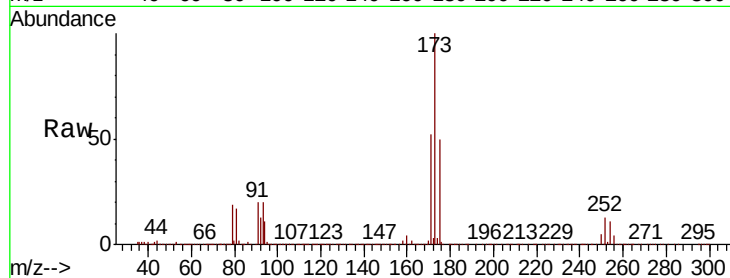
254 0.1 0.2 0.2#

Manual Integrations

APPROVED

apatel

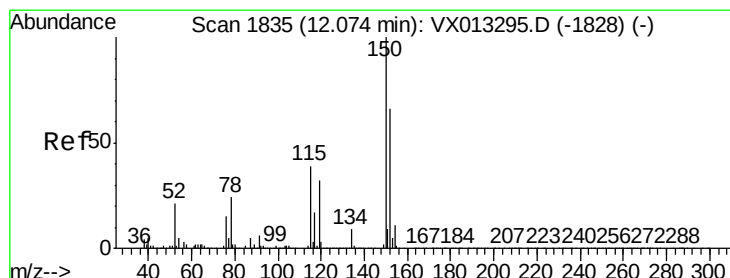
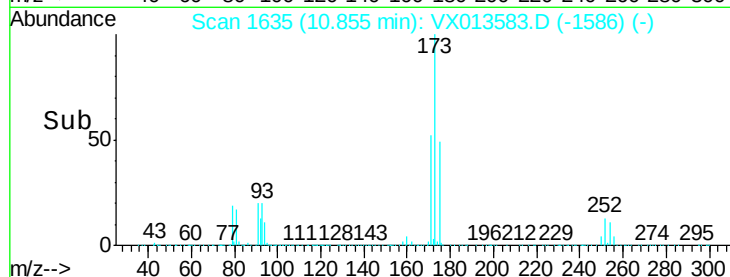
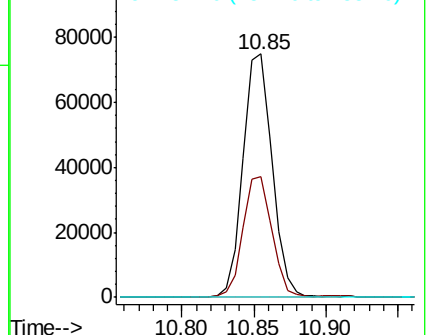
11/27/2019 12:13:26 PM



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: VX013583.D

Acq: 25 Nov 2019 16:00

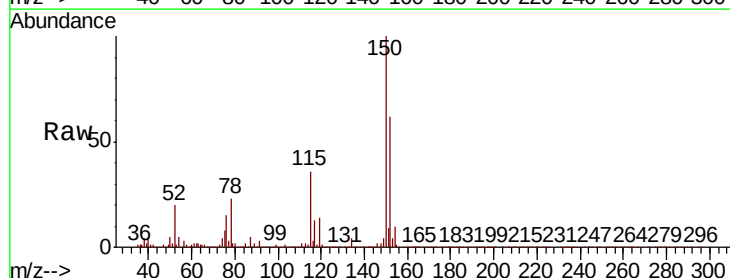
Tgt Ion:152 Resp: 424121

Ion Ratio Lower Upper

152 100

115 63.6 39.5 118.3

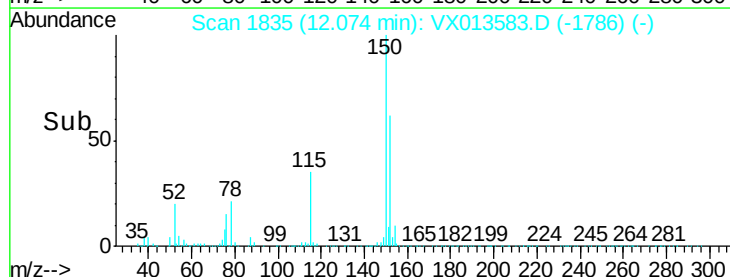
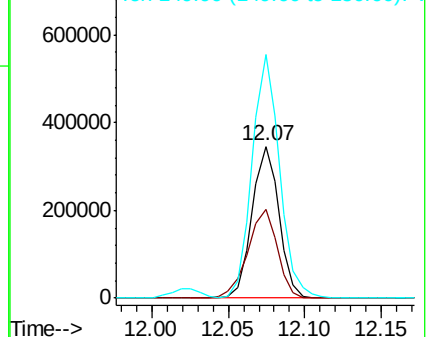
150 163.1 0.0 344.4

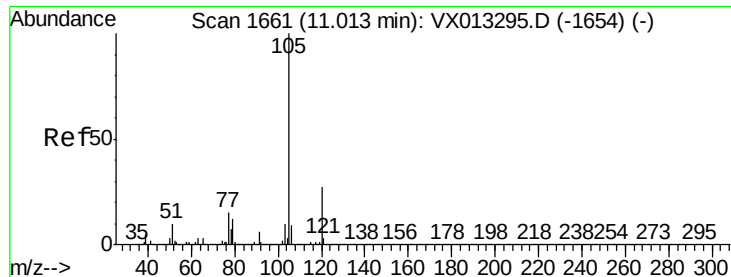


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.690 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion:105 Resp: 581787

Ion Ratio Lower Upper

105 100

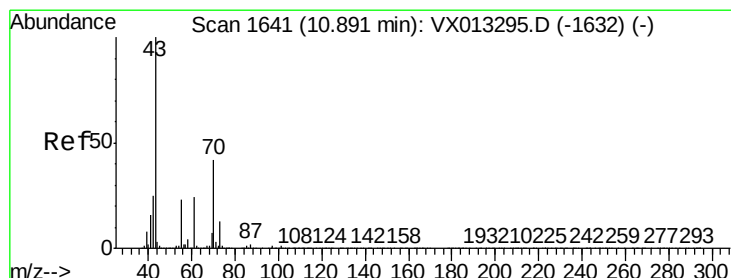
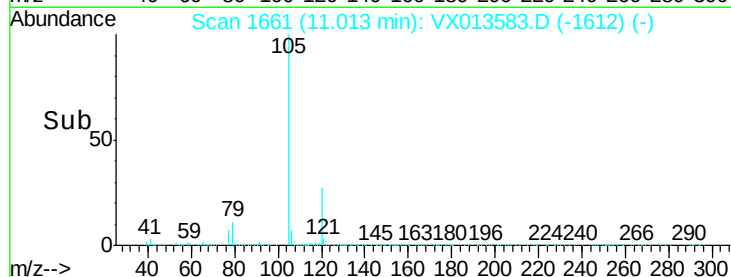
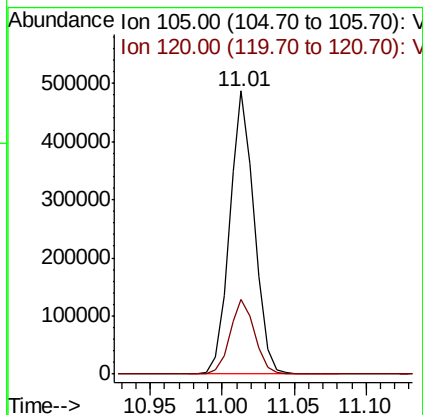
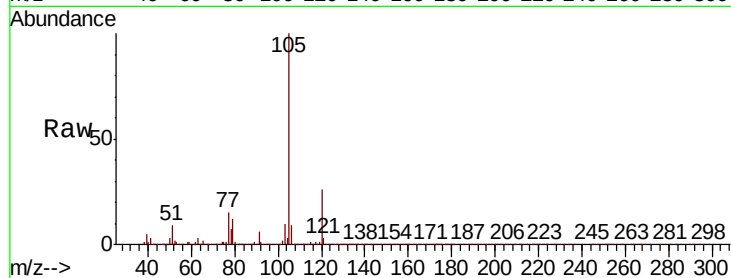
120 26.8 13.5 40.5

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#74

N-ethyl acetate

Concen: 21.883 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion: 43 Resp: 285351

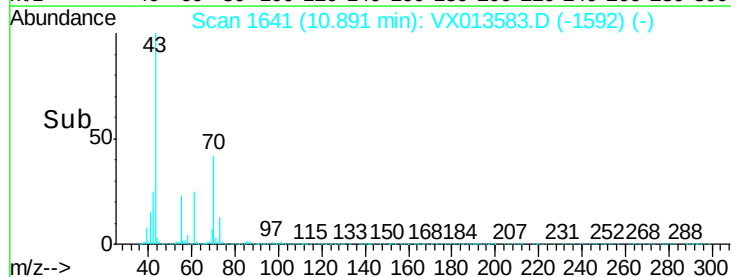
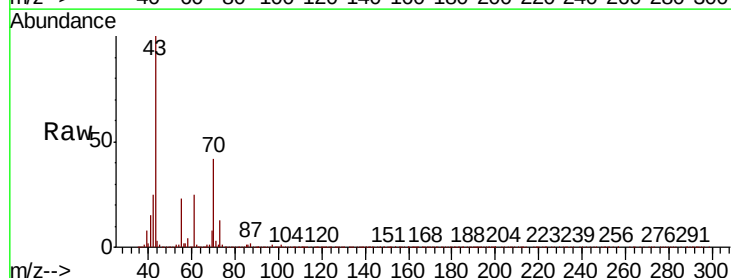
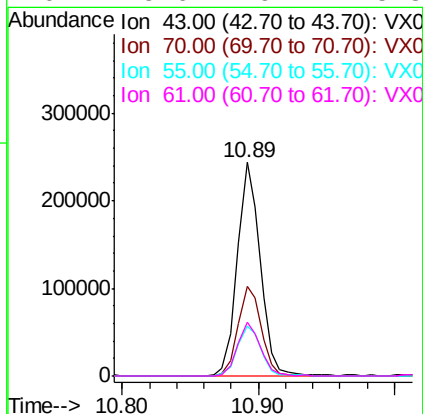
Ion Ratio Lower Upper

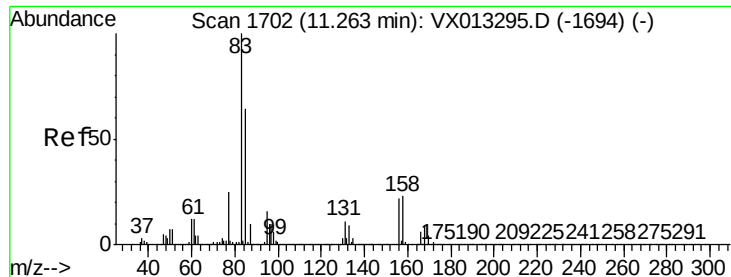
43 100

70 42.9 34.1 51.1

55 24.1 18.9 28.3

61 25.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.674 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 83 Resp: 222345

Ion Ratio Lower Upper

83 100

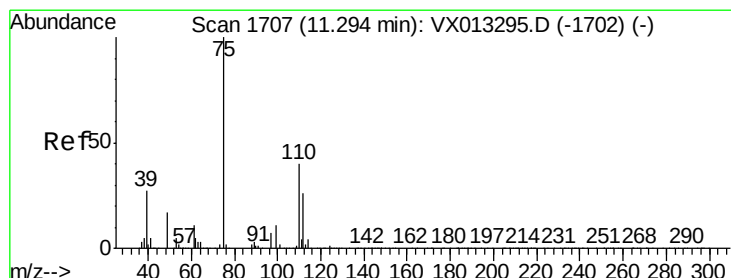
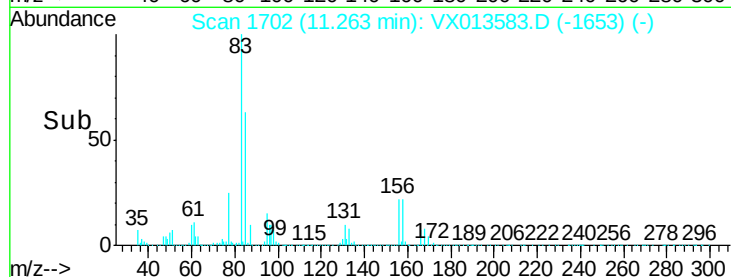
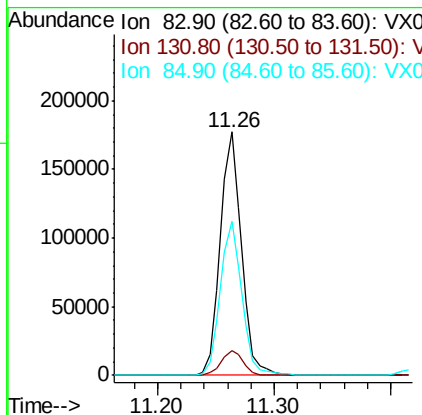
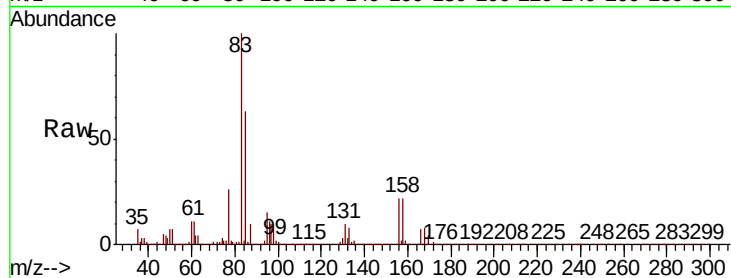
131 10.7 5.1 15.3

85 64.6 32.3 96.8

Manual Integrations
APPROVED

apatel

11/27/2019 12:13:26 PM



#76

1,2,3-Trichloropropane

Concen: 23.471 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013583.D

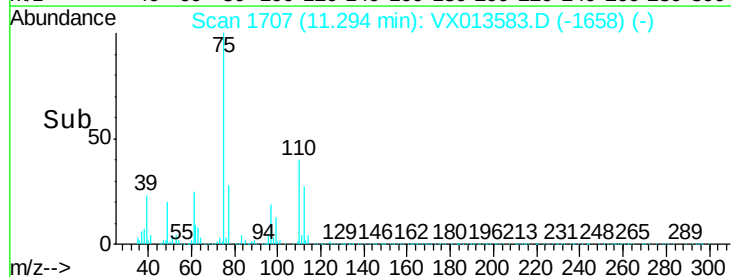
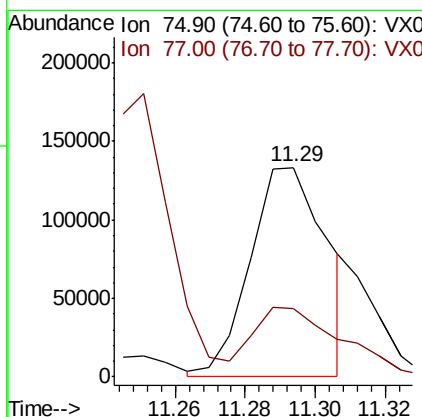
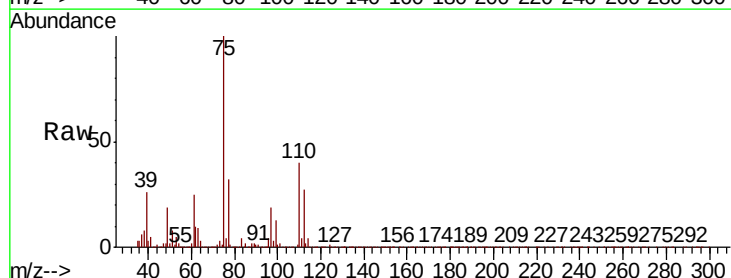
Acq: 25 Nov 2019 16:00

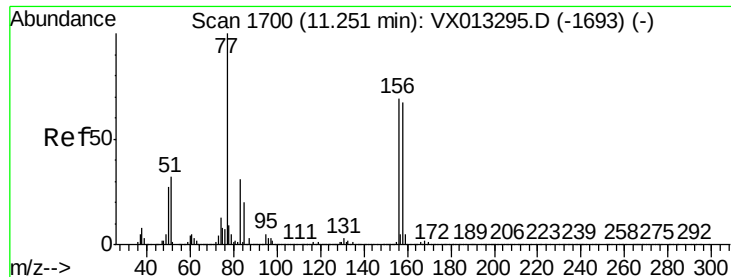
Tgt Ion: 75 Resp: 202189

Ion Ratio Lower Upper

75 100

77 37.9 22.3 66.8





#77

Bromobenzene

Concen: 20.963 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

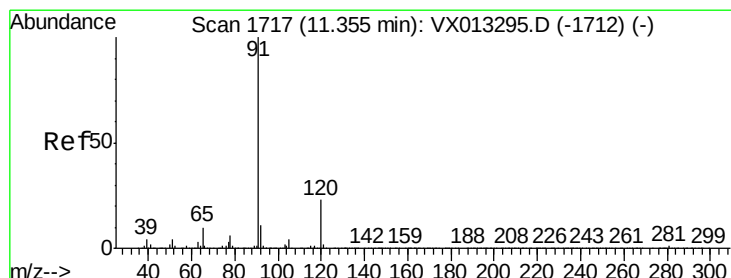
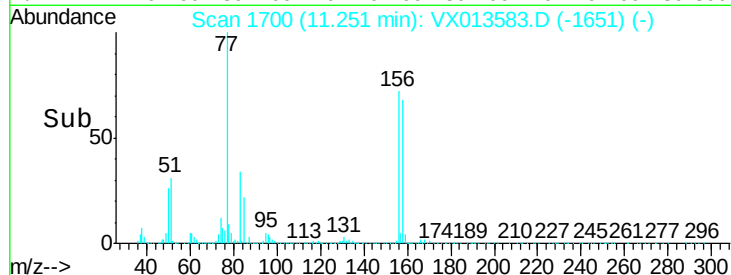
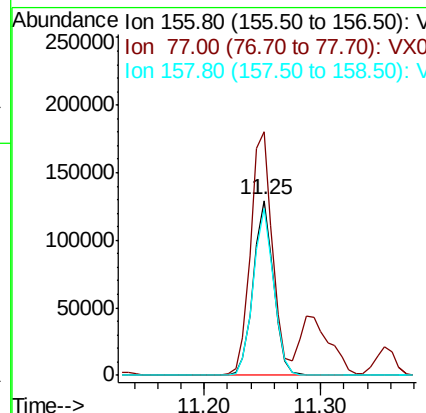
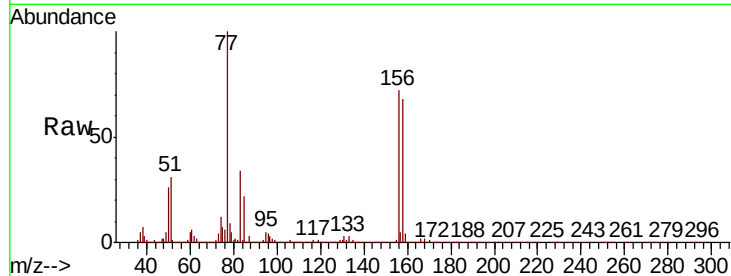
ClientSampleId :

VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.8	75.8	227.4
158	96.9	47.6	142.8

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#78

n-propylbenzene

Concen: 20.703 ug/l

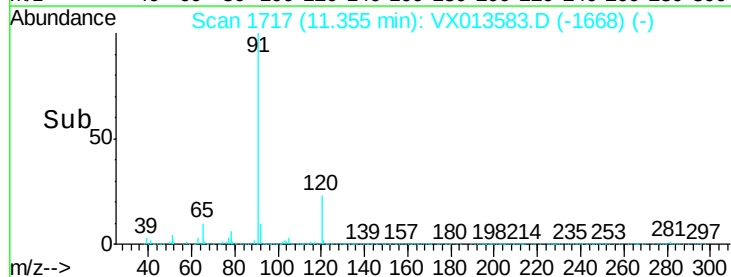
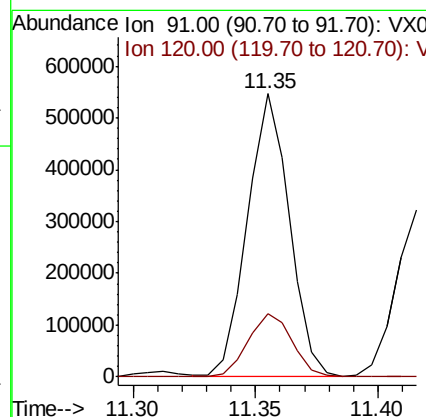
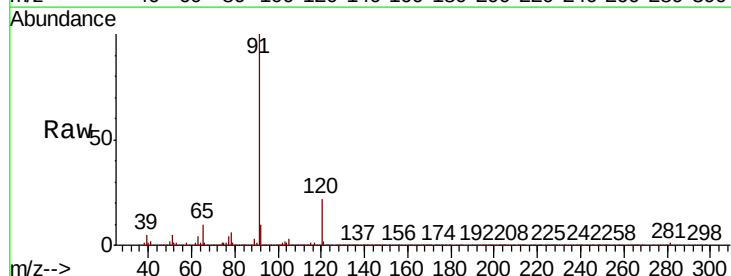
RT: 11.35 min Scan# 1717

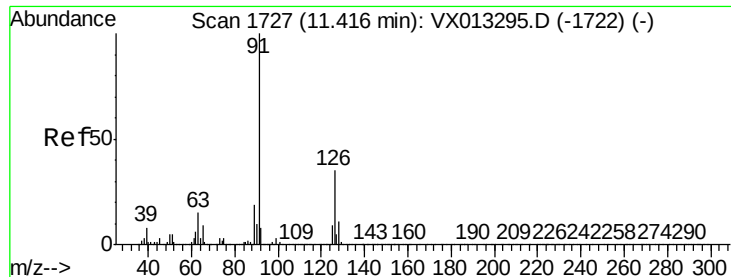
Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.857 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion: 91 Resp: 393619

Ion Ratio Lower Upper

91 100

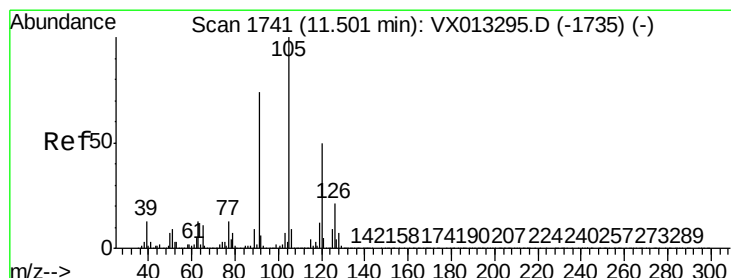
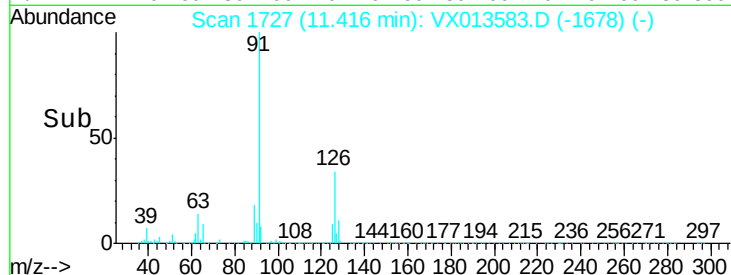
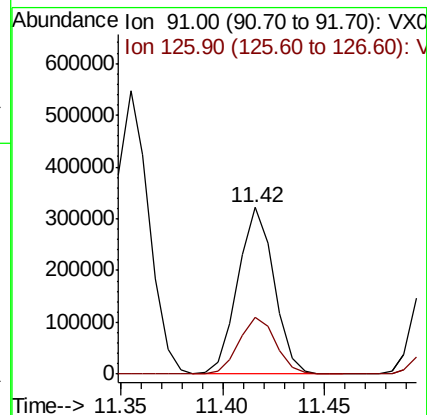
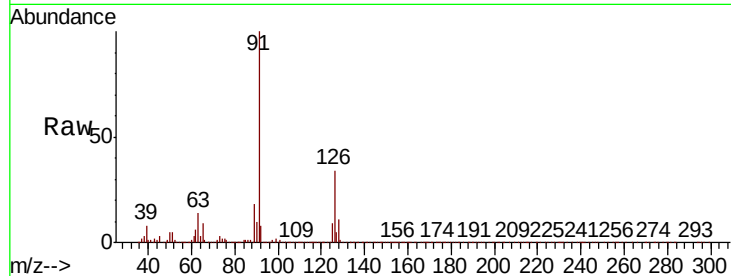
126 34.8 17.3 52.0

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.793 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013583.D

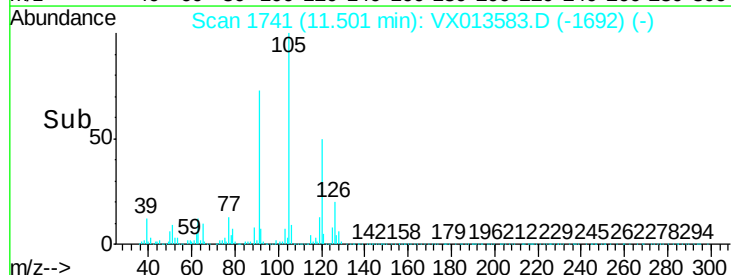
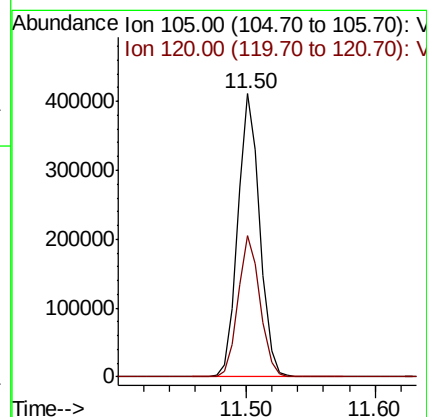
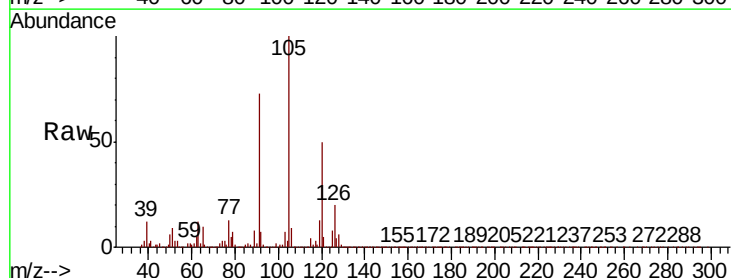
Acq: 25 Nov 2019 16:00

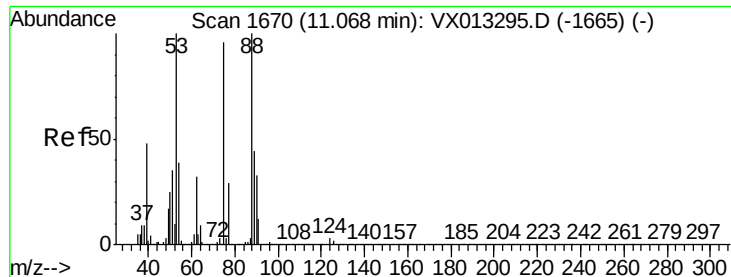
Tgt Ion: 105 Resp: 487021

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





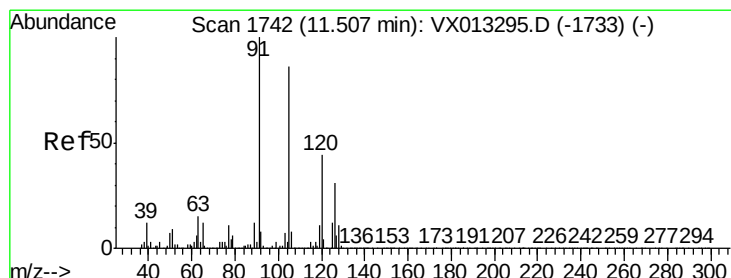
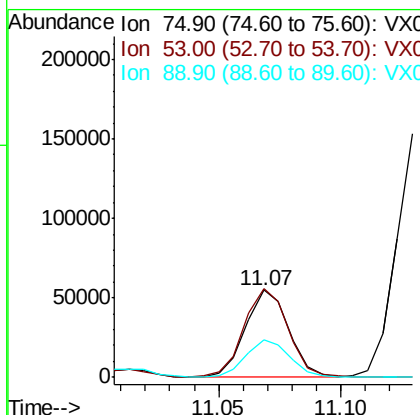
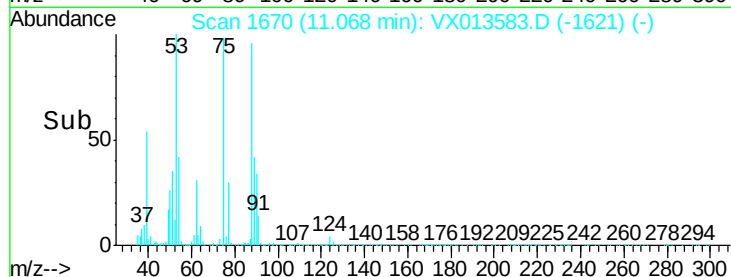
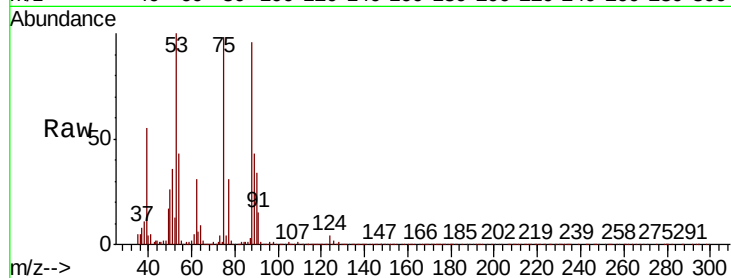
#81
trans-1,4-Dichloro-2-butene
Concen: 20.139 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	81.0	121.6
89	44.1	36.0	54.0

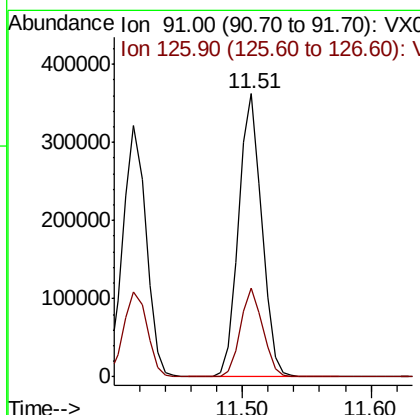
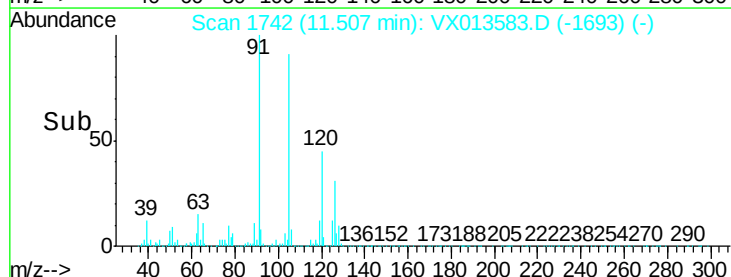
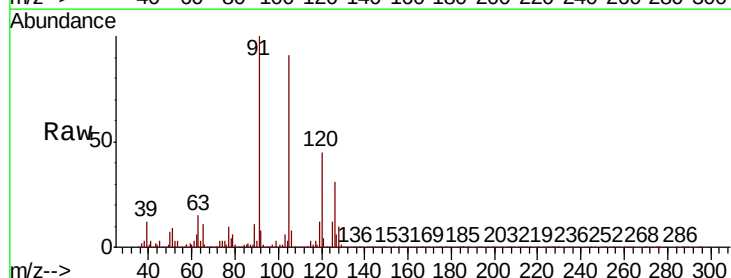
Manual Integrations
APPROVED

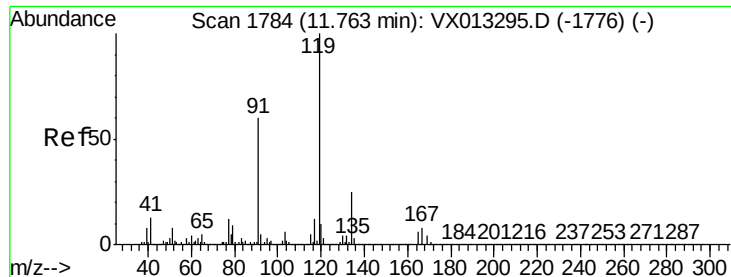
apatel
11/27/2019 12:13:26 PM



#82
4-Chlorotoluene
Concen: 20.483 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.3	45.8





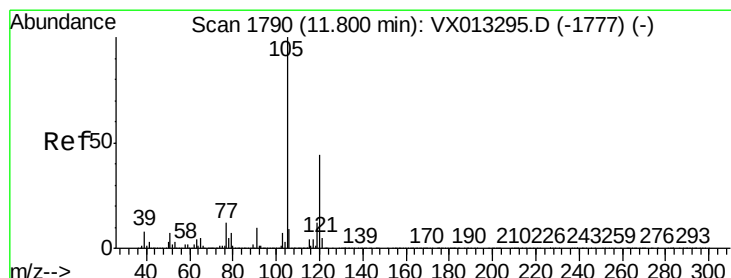
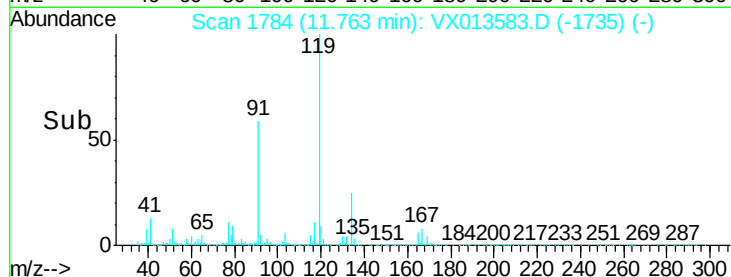
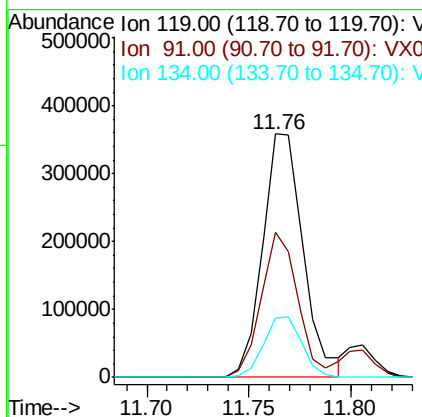
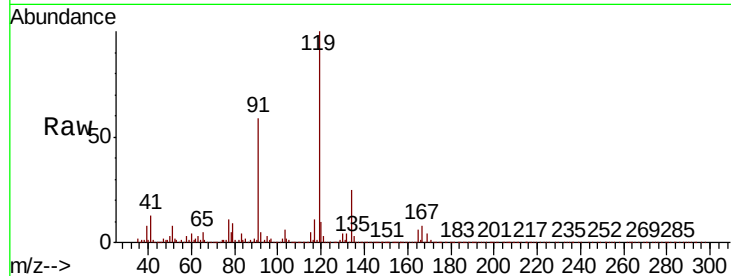
#83
tert-Butylbenzene
Concen: 21.084 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	497110		
91	53.5	26.9	80.7	
134	23.8	11.7	35.1	

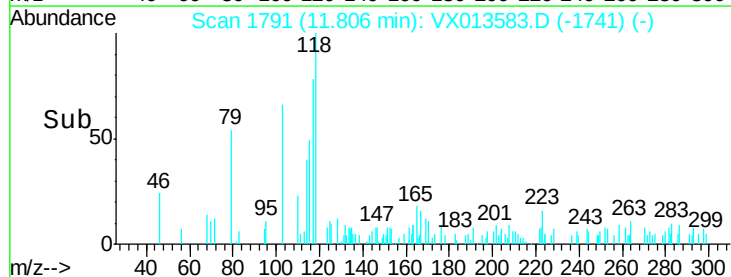
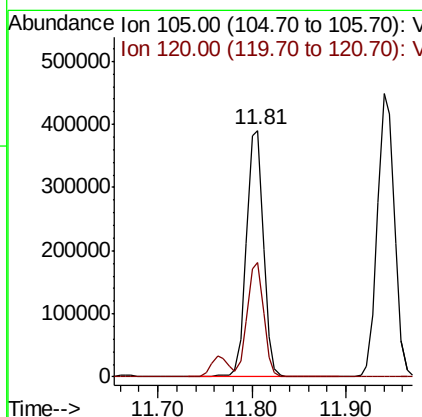
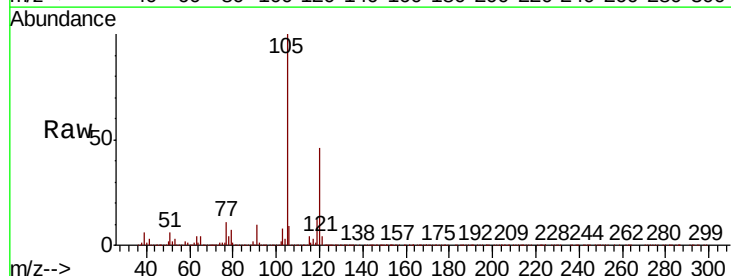
Manual Integrations
APPROVED

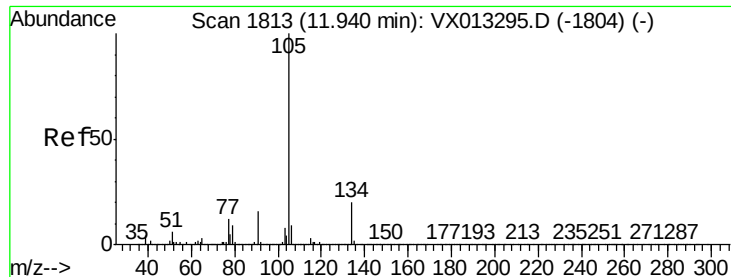
apatel
11/27/2019 12:13:26 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.963 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492536		
120	45.0	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.746 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBSD01

Tot Ion:105 Resp: 562169

Ion Ratio Lower Upper

105 100

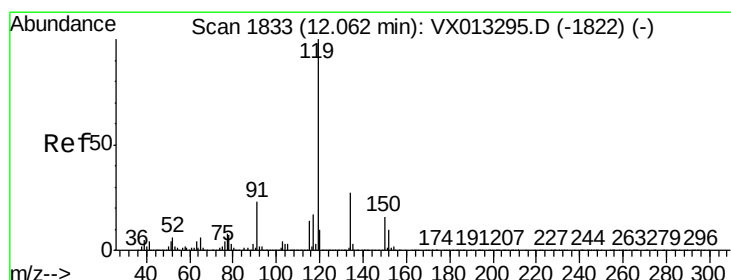
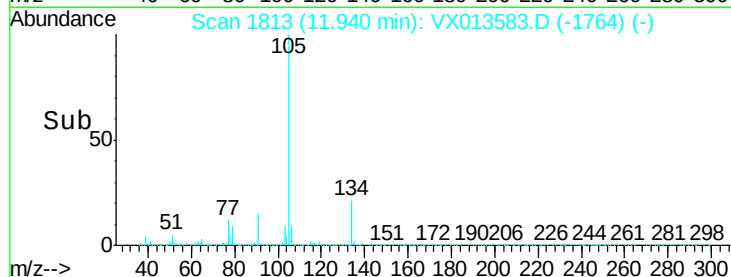
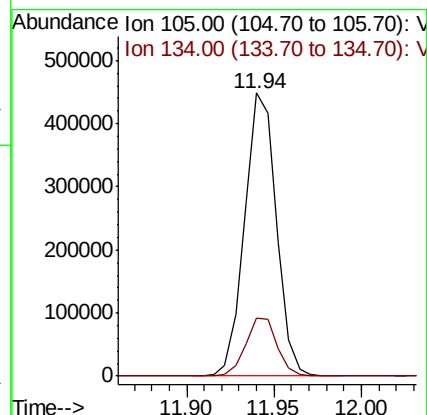
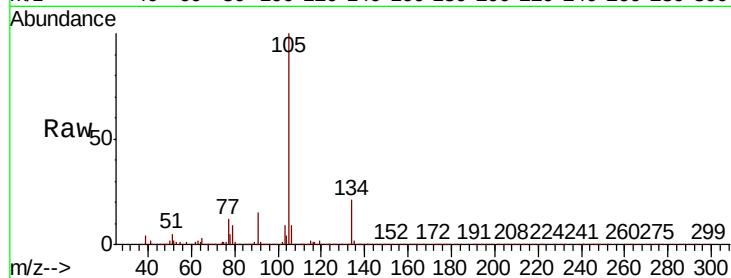
134 20.3 10.3 30.9

Manual Integrations

APPROVED

apatel

11/27/2019 12:13:26 PM



#86

p-Isopropyltoluene

Concen: 20.436 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

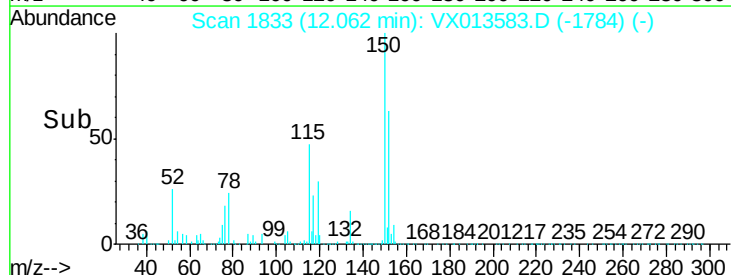
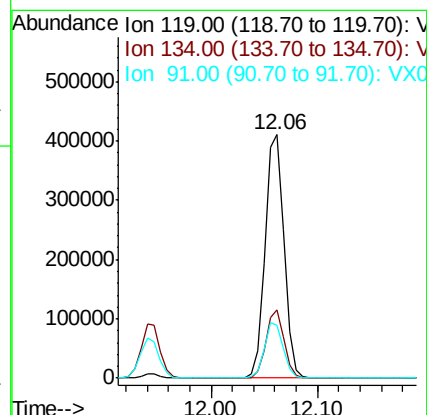
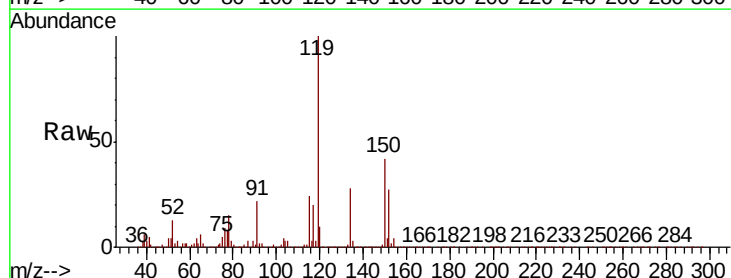
Tgt Ion:119 Resp: 509924

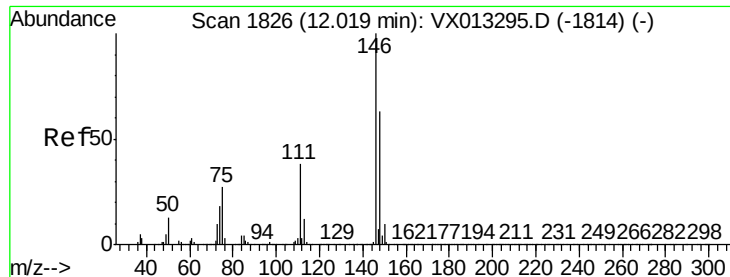
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4





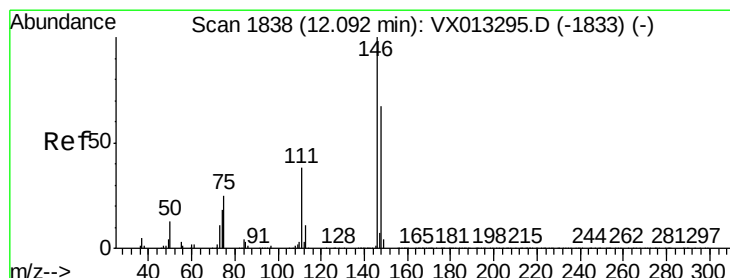
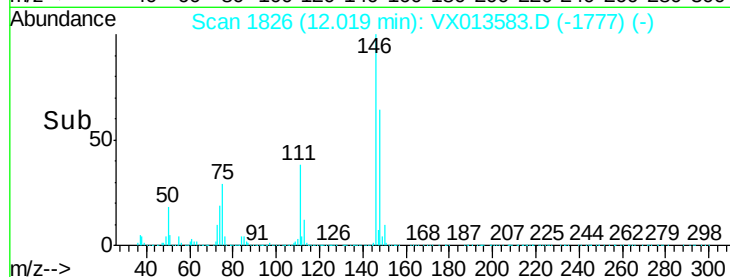
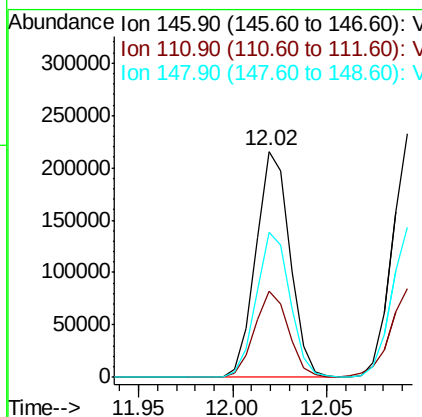
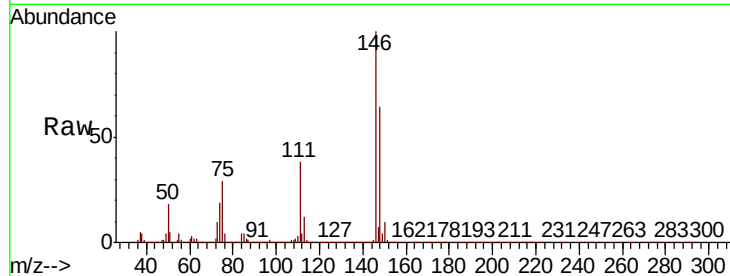
#87
 1,3-Dichlorobenzene
 Concen: 20.256 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	63.6	31.9	95.7

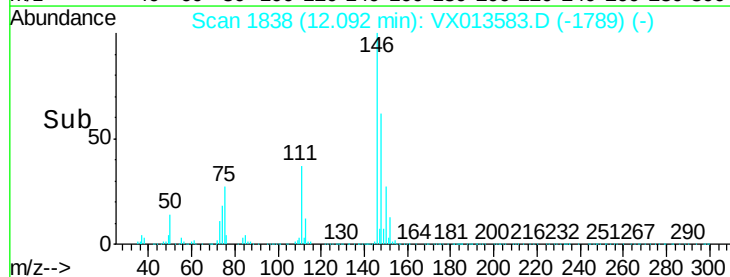
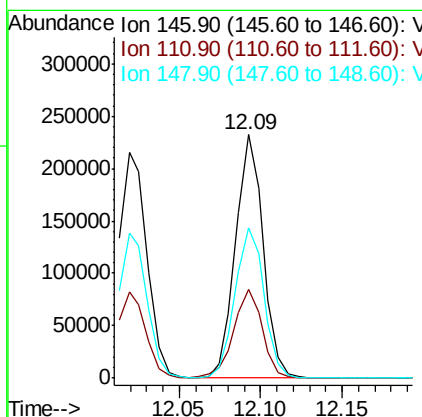
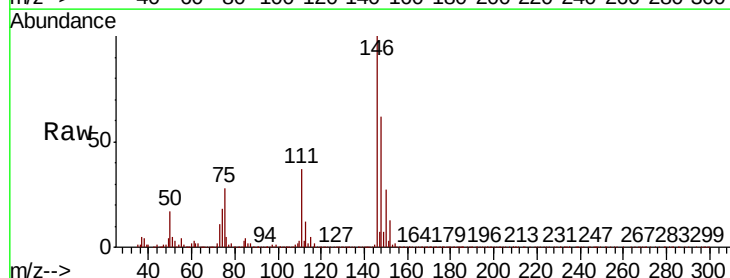
Manual Integrations
 APPROVED

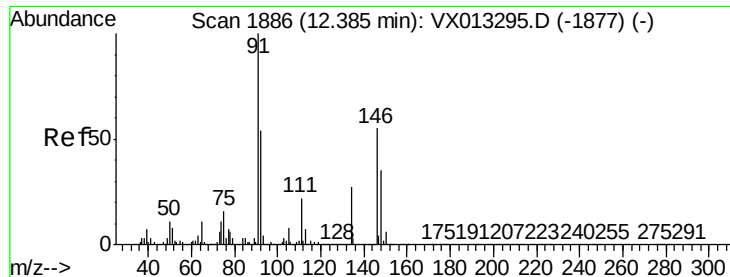
apatel
 11/27/2019 12:13:26 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.078 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.4
148	65.1	32.4	97.0





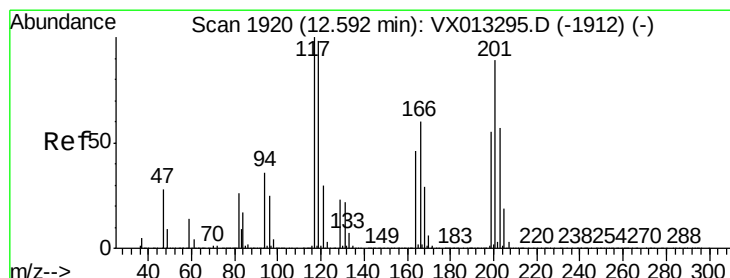
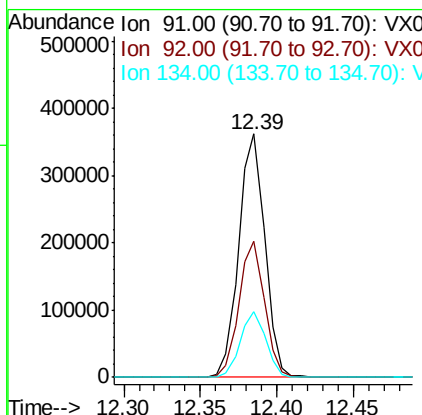
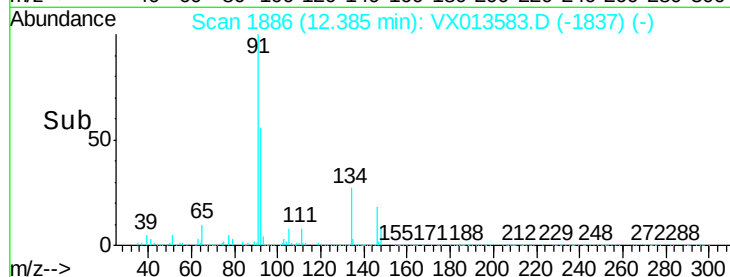
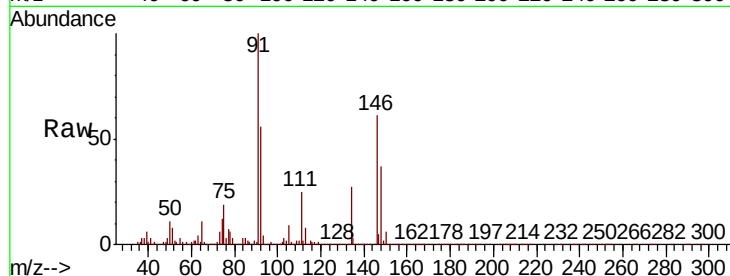
#89
n-Butylbenzene
Concen: 19.621 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.8
134	26.6	13.5	40.5

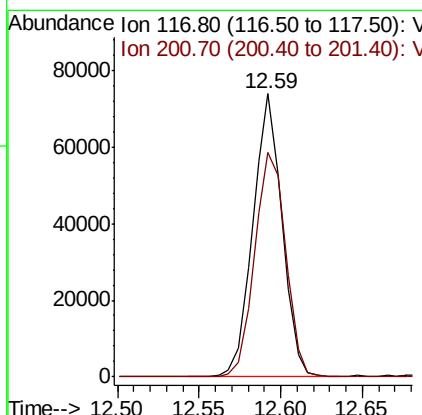
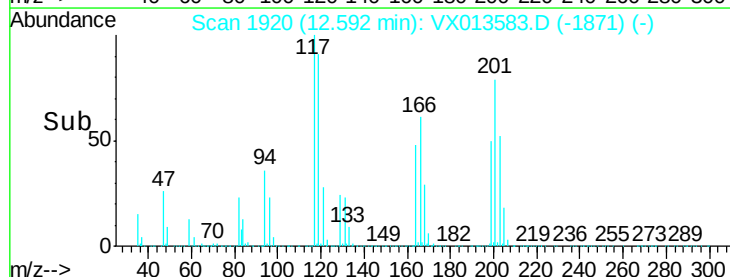
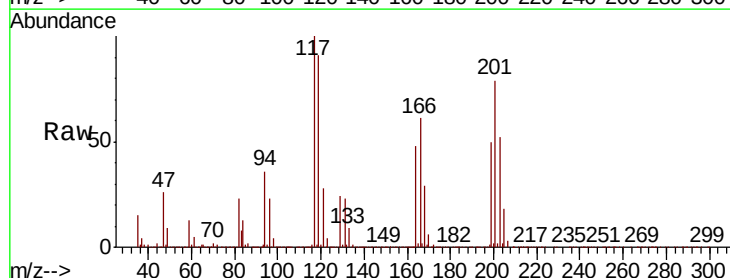
Manual Integrations
APPROVED

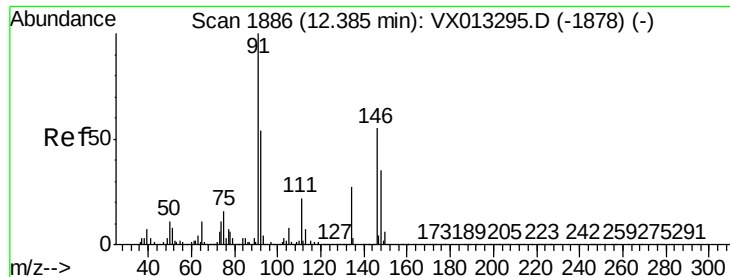
apatel
11/27/2019 12:13:26 PM



#90
Hexachloroethane
Concen: 20.572 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013583.D
Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	43.9	131.7





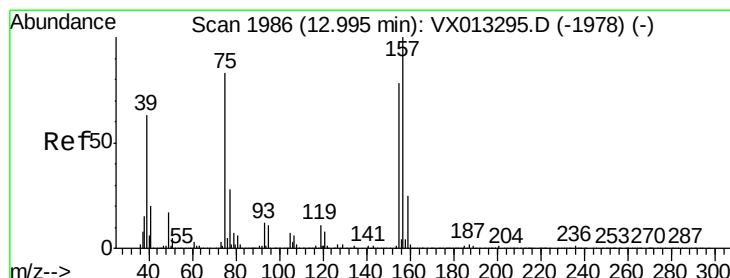
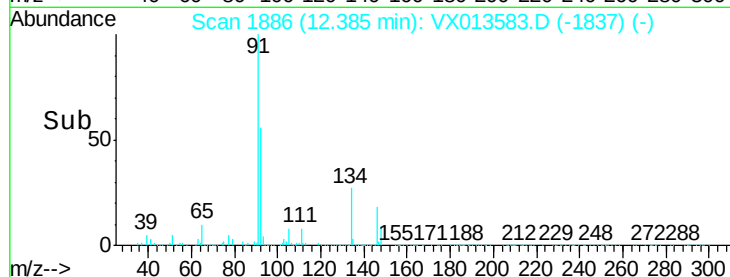
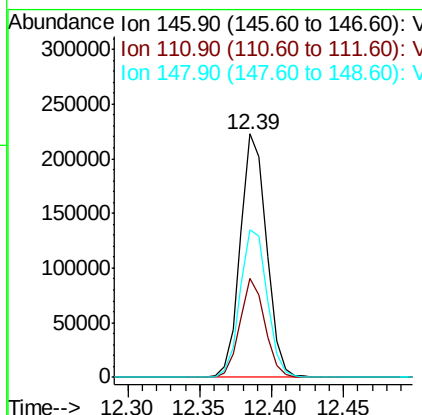
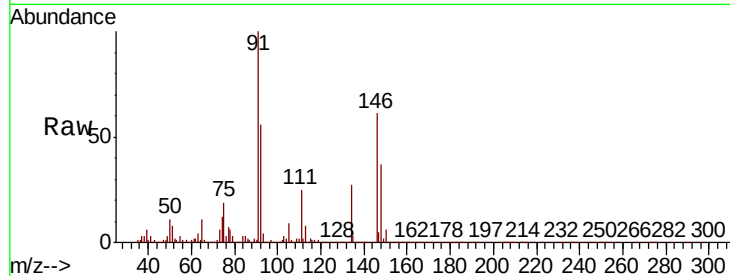
#91
 1,2-Dichlorobenzene
 Concen: 21.017 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280721		
111	38.8	20.1	60.2	
148	62.5	32.0	96.0	

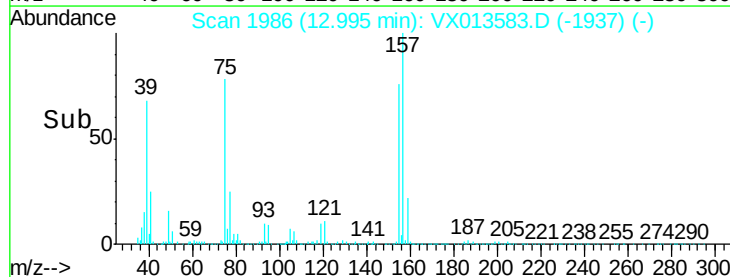
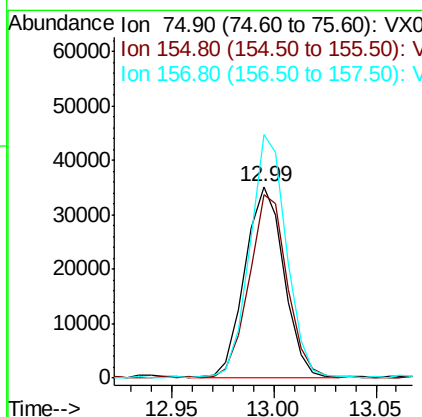
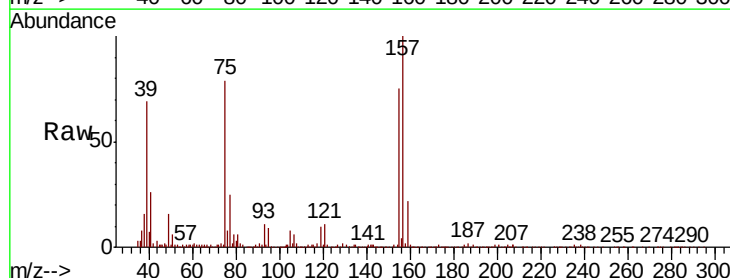
Manual Integrations
 APPROVED

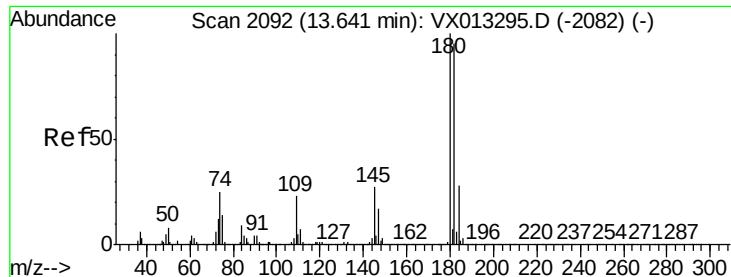
apatel
 11/27/2019 12:13:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.860 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47138		
155	93.3	47.1	141.4	
157	120.0	61.3	183.8	





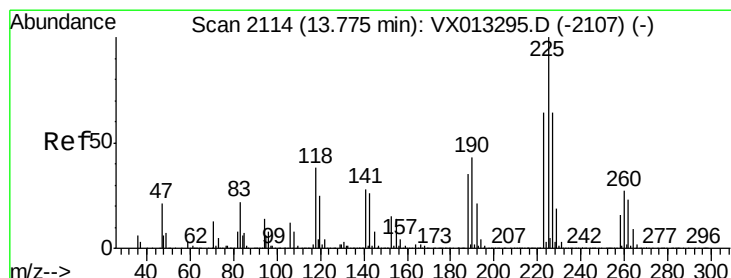
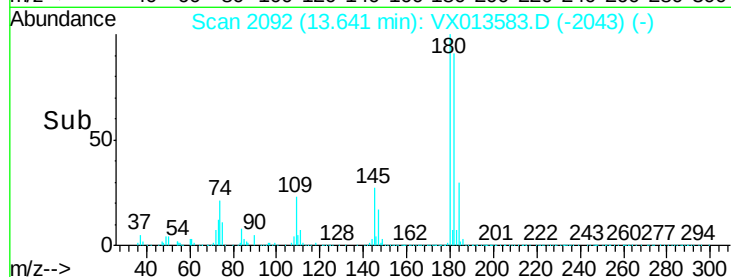
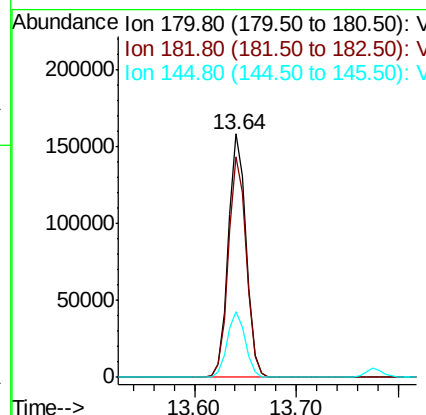
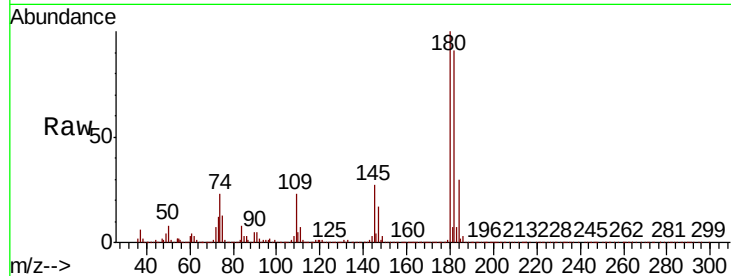
#93
 1,2,4-Trichlorobenzene
 Concen: 20.639 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192293		
182	90.5	48.4	145.0	
145	27.0	14.1	42.4	

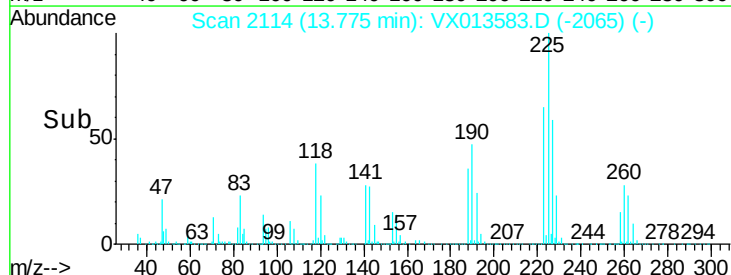
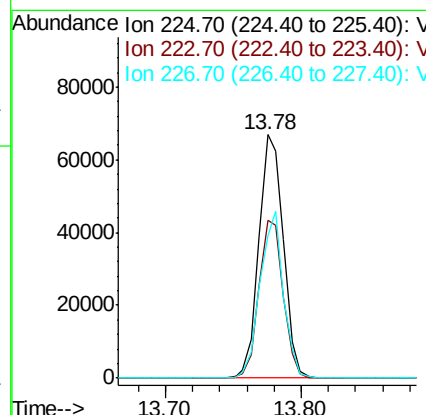
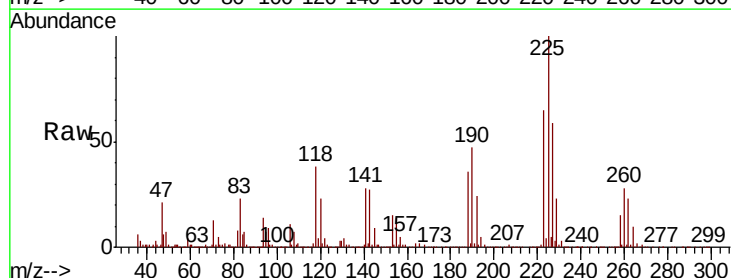
Manual Integrations
 APPROVED

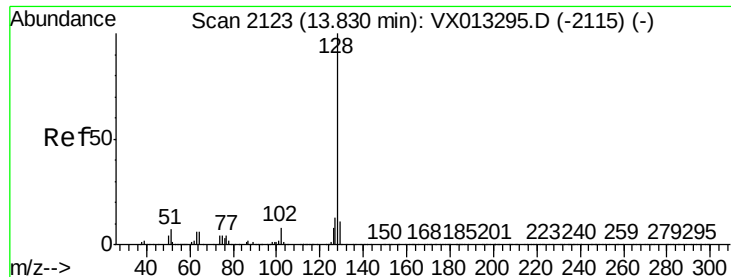
apatel
 11/27/2019 12:13:26 PM



#94
 Hexachlorobutadiene
 Concen: 18.640 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013583.D
 Acq: 25 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84967		
223	64.9	31.9	95.7	
227	65.0	31.9	95.9	





#95

Naphthalene

Concen: 20.813 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Instrument :

MSVOA_X

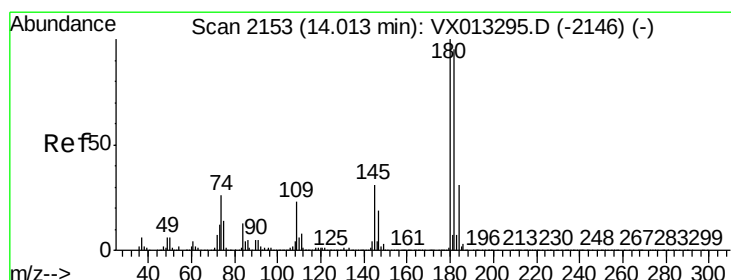
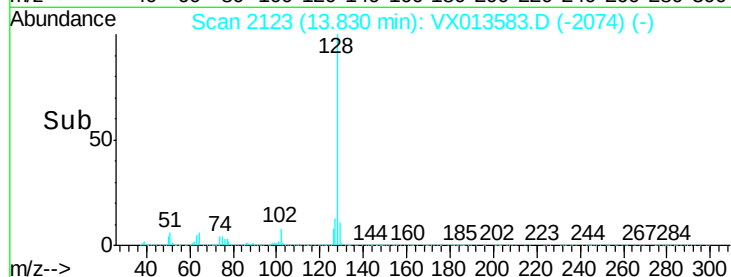
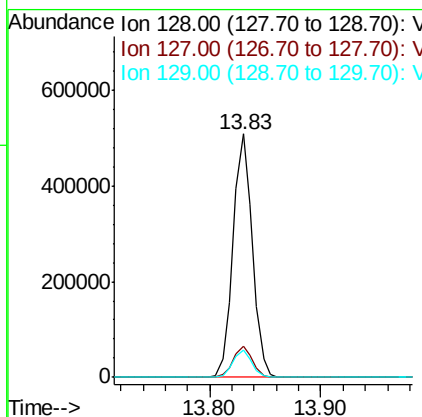
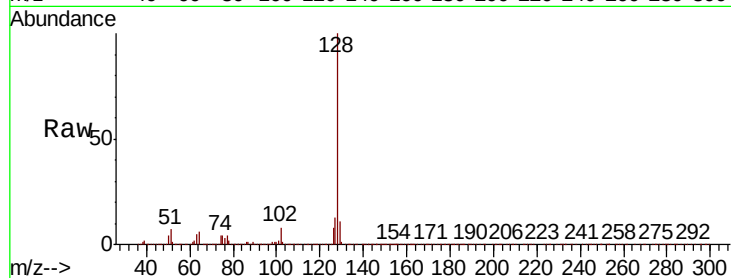
ClientSampleId :

VX1125WBSD01

Tot Ion:	128	Resp:	608423
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.546 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013583.D

Acq: 25 Nov 2019 16:00

Tgt Ion:	180	Resp:	191982
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.0	144.2
145	29.7	15.4	46.4

