

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001634.D
 Acq On : 11 May 2018 11:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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 5/14/2018 3:58:08 PM

Quant Time: May 11 12:25:39 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	56419	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	300710	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	274497	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122394	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	11.14	95	130834	30.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.40%
63) Toluene-d8	8.72	98	363141	29.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.87%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	65377	23.78	ug/l	99
3) Chloromethane	1.32	50	60605	19.91	ug/l	99
4) Vinyl Chloride	1.40	62	64095	20.17	ug/l	99
5) Bromomethane	1.64	94	34271	21.81	ug/l	96
6) Chloroethane	1.73	64	43582	20.60	ug/l	98
7) Trichlorofluoromethane	1.93	101	104913	22.98	ug/l	99
8) Diethyl Ether	2.19	74	40364	20.39	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62151	24.50	ug/l	97
10) 1,1-Dichloroethene	2.38	96	54856	21.01	ug/l	99
11) Methyl Iodide	2.51	142	38501	10.15	ug/l	98
12) Methyl Acetate	2.78	43	91163	20.53	ug/l	99
13) Acrolein	2.30	56	9160	18.20	ug/l	93
14) Acrylonitrile	3.15	53	163138	91.99	ug/l	100
15) Acetone	2.45	58	54398	114.17	ug/l	99
16) Carbon Disulfide	2.57	76	127682	19.74	ug/l	100
17) Allyl chloride	2.73	41	103664	20.81	ug/l	97
18) Methylene Chloride	2.86	84	63453	20.59	ug/l	93
19) trans-1,2-Dichloroethene	3.17	96	57581	20.32	ug/l	97
20) Diisopropyl ether	3.88	45	193675	20.81	ug/l	98
21) 1,1-Dichloroethane	3.70	63	105337	19.68	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	66866	20.92	ug/l	99
23) tert-Butyl Alcohol	3.08	59	67973	86.14	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	196758	20.74	ug/l	100
25) Chloroform	5.22	83	115816	21.00	ug/l	94
26) Cyclohexane	5.58	56	92907	23.80	ug/l	# 98
29) 1,1-Dichloropropene	5.81	75	79650	21.08	ug/l	99
30) 2-Butanone	4.71	43	235121	94.32	ug/l	100
31) 2,2-Dichloropropane	4.59	77	91912	28.30	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	102307	21.29	ug/l	99
33) Carbon Tetrachloride	5.79	117	89993	21.27	ug/l	99
34) Benzene	6.15	78	241255	19.97	ug/l	98
35) Methacrylonitrile	5.07	41	50224	18.58	ug/l	97
36) 1,2-Dichloroethane	6.20	62	96812	20.26	ug/l	99
37) Trichloroethene	7.22	130	74153	20.83	ug/l	100
38) Methylcyclohexane	7.47	83	97063	24.03	ug/l	98
39) 1,2-Dichloropropane	7.52	63	61245	20.22	ug/l	99
40) Dibromomethane	7.66	93	43123	19.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	81175	19.88	ug/l	100
42) Vinyl Acetate	3.83	43	803622	97.74	ug/l	100
43) Ethyl Acetate	4.87	43	87955	18.51	ug/l	97
44) Isopropyl Acetate	6.48	43	136090	18.71	ug/l	99
45) 1,4-Dioxane	7.76	88	28108	329.47	ug/l	97
46) Methyl methacrylate	7.79	41	74060	18.85	ug/l	99
47) n-amyl Acetate	10.91	43	119095	19.17	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	92958	20.63	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	82127	20.63	ug/l	100
50) 1,1,2-Trichloroethane	9.22	97	64797	20.17	ug/l	97
51) Ethyl methacrylate	9.19	69	89206	19.26	ug/l	99
52) 1,3-Dichloropropane	9.38	76	105474	19.92	ug/l	99
53) Dibromochloromethane	9.59	129	65501	19.63	ug/l	98
54) 1,2-Dibromoethane	9.68	107	66677	19.67	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	232106	94.24	ug/l	100
56) Bromoform	10.87	173	50830	18.63	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	456797	92.52	ug/l	100
59) 2-Hexanone	9.51	43	342588	92.61	ug/l	100
61) Tetrachloroethene	9.34	164	86252	21.60	ug/l	99
62) Toluene	8.79	91	272813	20.66	ug/l	99
64) Chlorobenzene	10.15	112	181405	20.91	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	65686	20.04	ug/l	99
66) Ethyl Benzene	10.26	91	299439	21.85	ug/l	97
67) m/p-Xylenes	10.37	106	240426	43.94	ug/l	97
68) o-Xylene	10.71	106	114853	21.22	ug/l	100
69) Styrene	10.72	104	186578	20.89	ug/l	100
70) Isopropylbenzene	11.02	105	313399	22.47	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	89202	19.07	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	86980m	19.19	ug/l	
73) Bromobenzene	11.26	156	87152	20.62	ug/l	100
74) n-propylbenzene	11.37	91	350889	22.86	ug/l	99
75) 2-Chlorotoluene	11.43	91	210621	21.87	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	263445	22.45	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	22325	19.15	ug/l	95
78) 4-Chlorotoluene	11.52	91	243925	22.28	ug/l	99
79) tert-butylbenzene	12.07	119	292785	23.58	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	270243	22.55	ug/l	100
81) sec-Butylbenzene	11.95	105	321550	23.66	ug/l	100
82) p-Isopropyltoluene	12.07	119	292785	23.58	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	158176	21.46	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	159558	21.54	ug/l	99
85) n-Butylbenzene	12.40	91	236516	23.95	ug/l	100
86) Hexachloroethane	12.60	117	42228	21.43	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	161232	21.10	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19966	18.32	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	118599	21.85	ug/l	100
90) Hexachlorobutadiene	13.79	225	65472	23.57	ug/l	97
91) Naphthalene	13.84	128	322452	19.83	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	122219	21.29	ug/l	100

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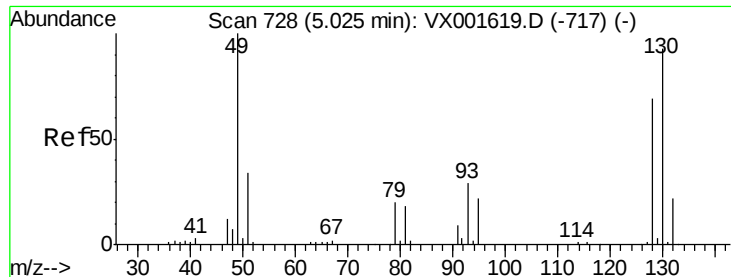
Manual Integrations
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Quant Time: May 11 12:25:39 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 56419

Ion Ratio Lower Upper

128 100

49 144.5 0.0 372.0

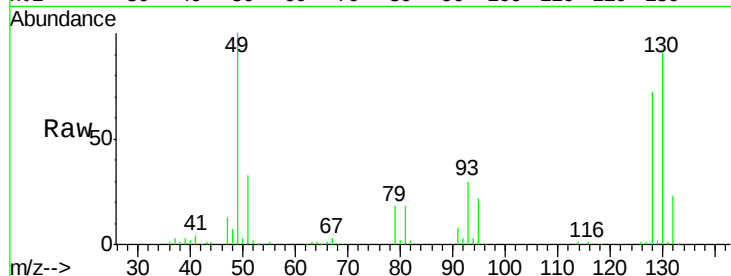
130 129.1 0.0 326.5

Manual Integrations

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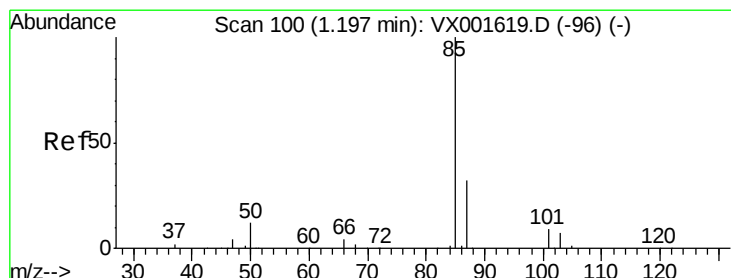
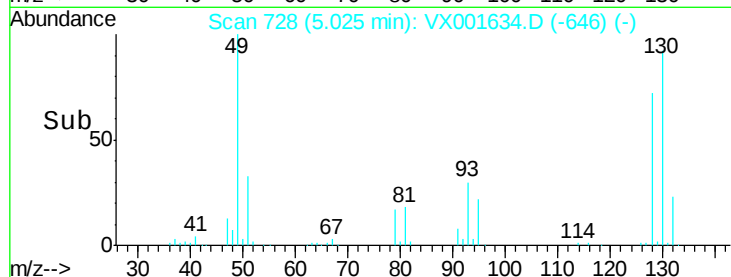
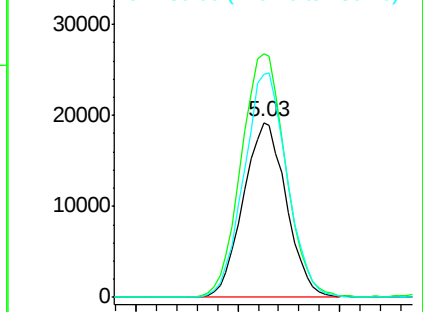
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 23.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001634.D

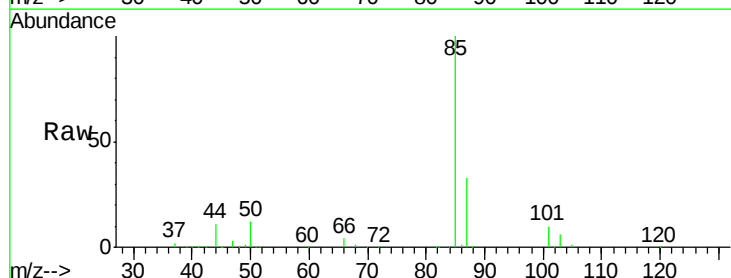
Acq: 11 May 2018 11:13

Tgt Ion: 85 Resp: 65377

Ion Ratio Lower Upper

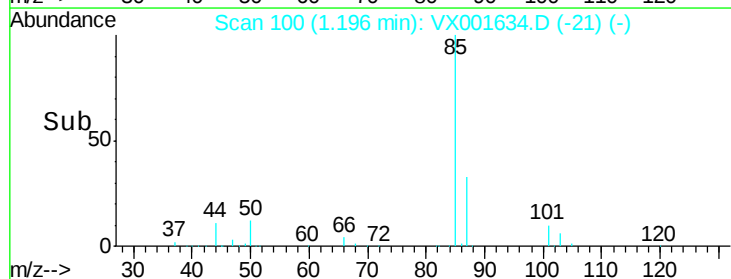
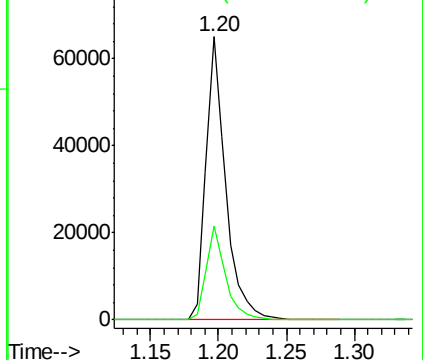
85 100

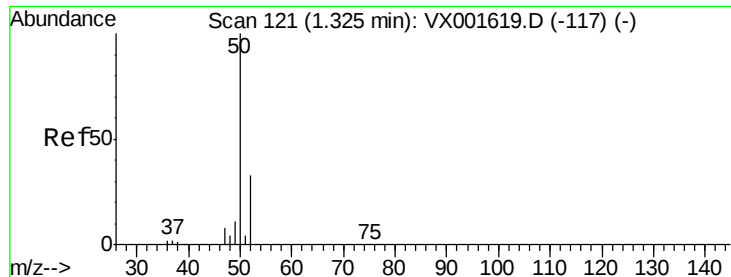
87 32.9 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 60605

Ion Ratio Lower Upper

50 100

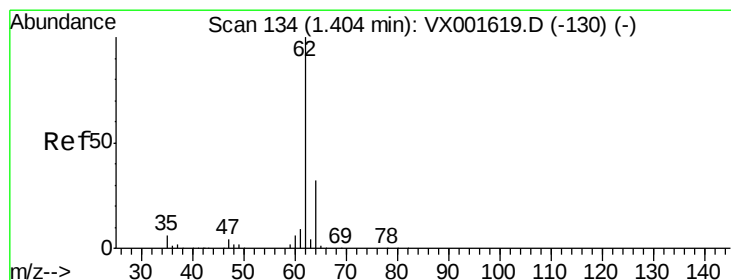
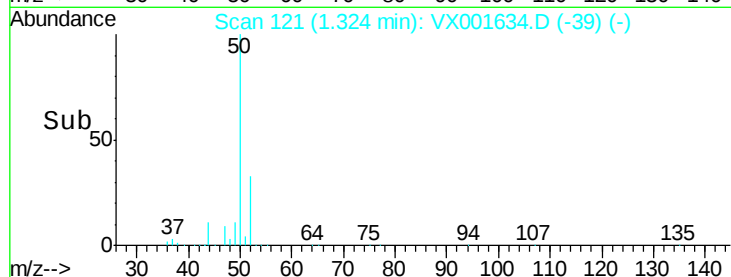
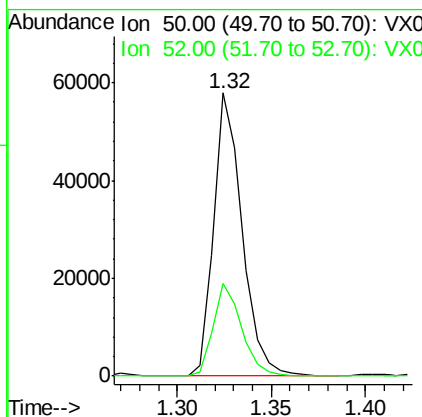
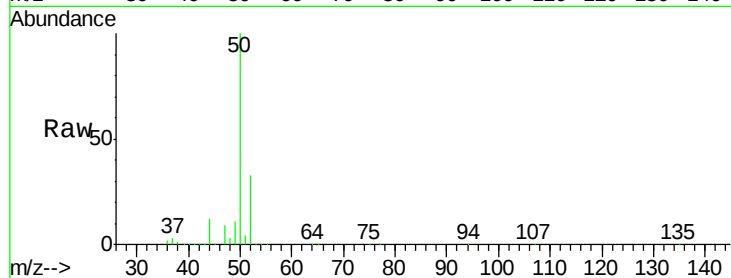
52 32.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001634.D

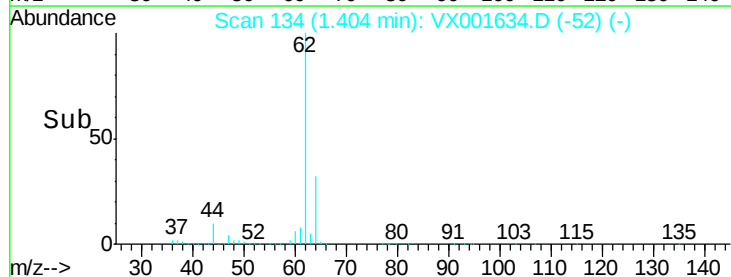
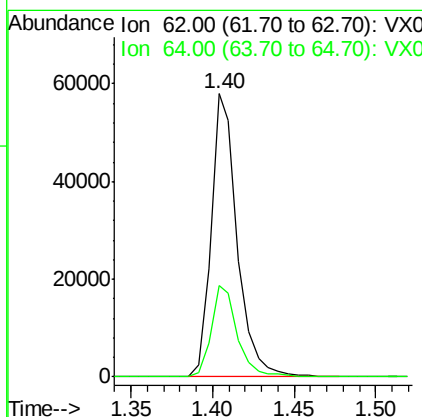
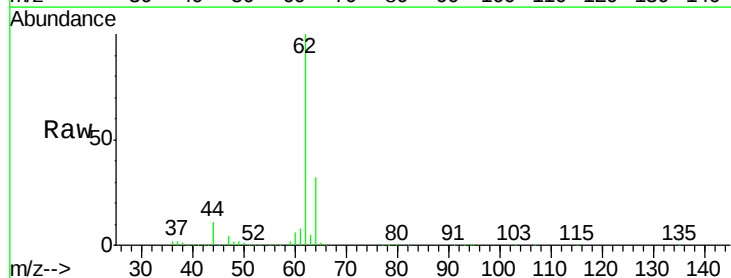
Acq: 11 May 2018 11:13

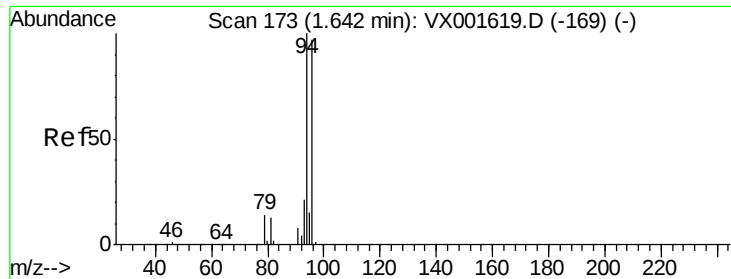
Tgt Ion: 62 Resp: 64095

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 21.81 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 34271

Ion Ratio Lower Upper

94 100

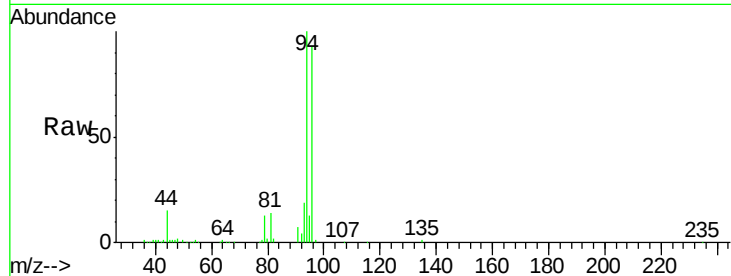
96 93.4 77.8 116.8

Manual Integrations

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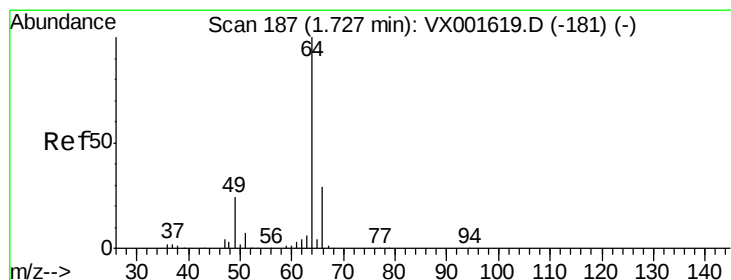
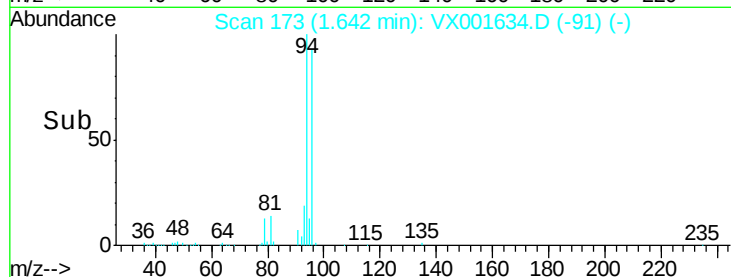
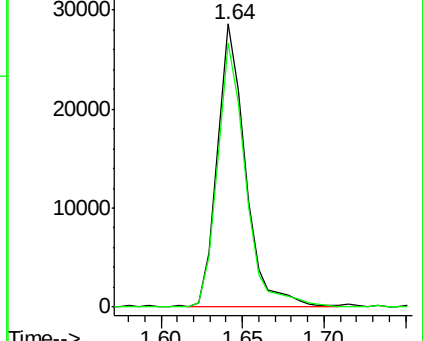
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.60 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001634.D

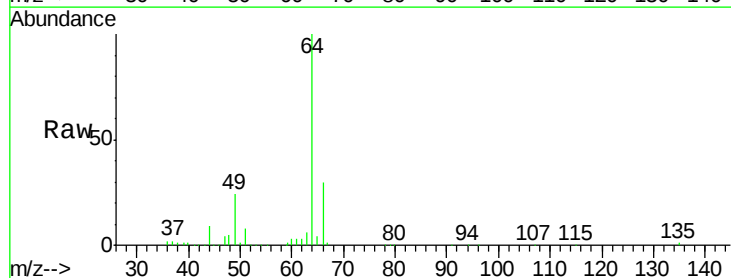
Acq: 11 May 2018 11:13

Tgt Ion: 64 Resp: 43582

Ion Ratio Lower Upper

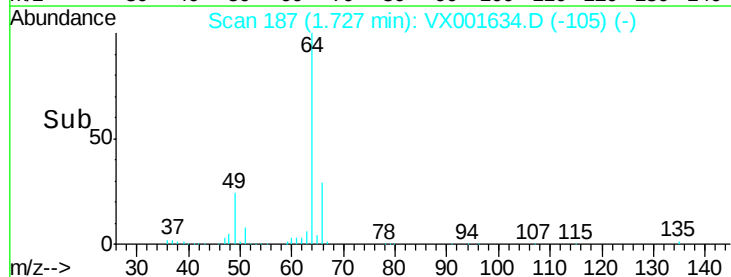
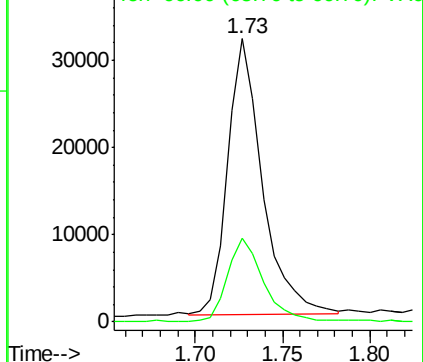
64 100

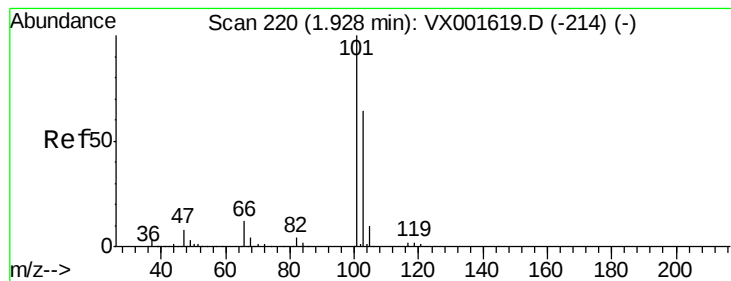
66 30.2 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

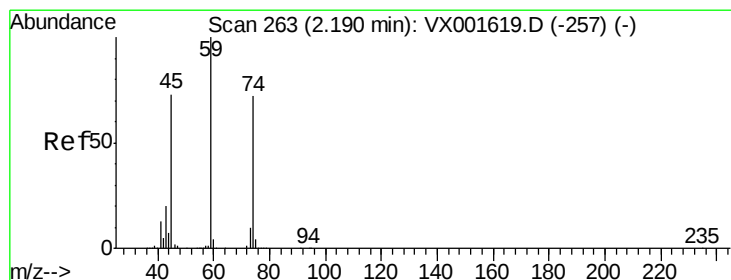
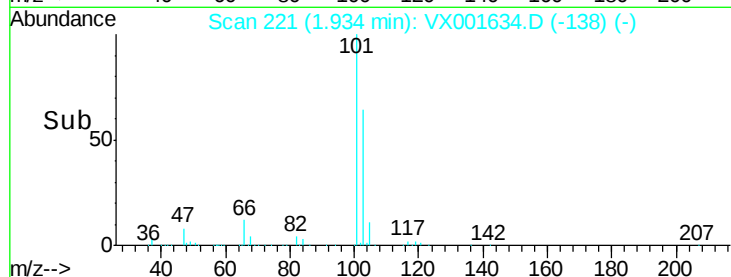
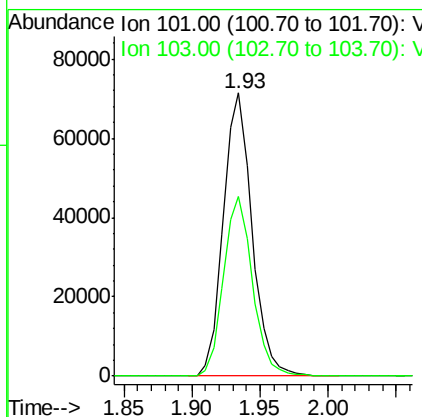
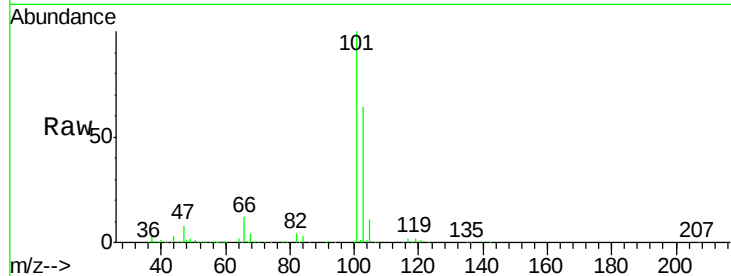
Trichlorofluoromethane
 Concen: 22.98 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	104913		
103	63.5	51.4	77.0	

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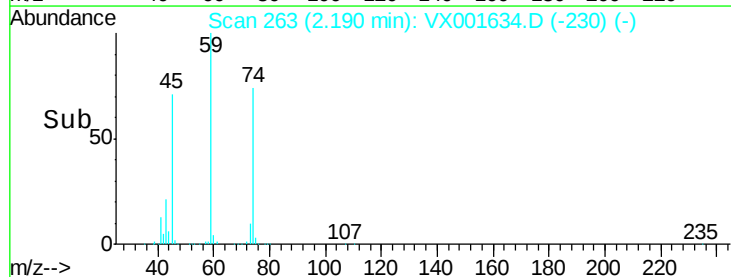
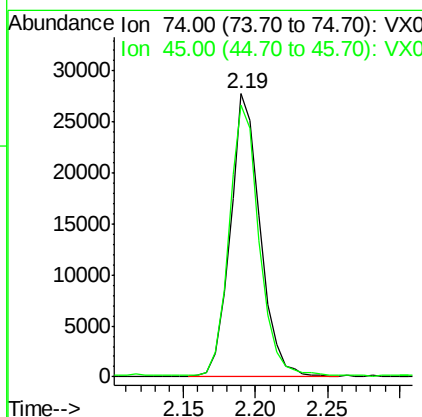
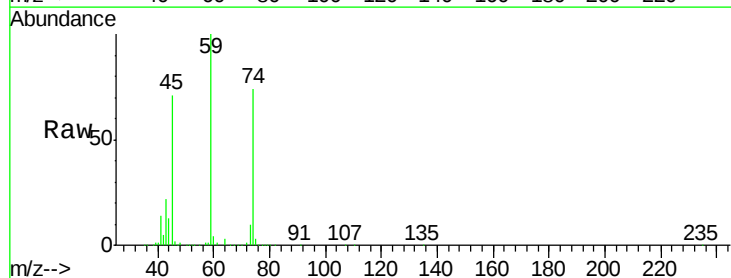
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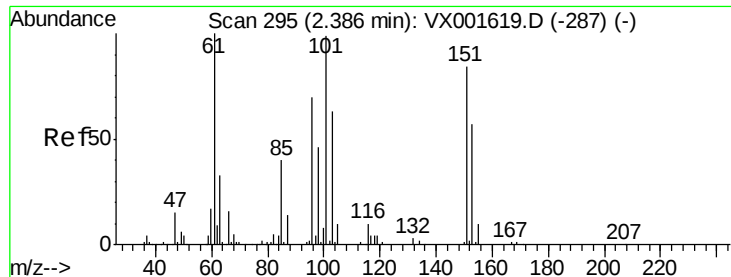


#8

Diethyl Ether
 Concen: 20.39 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40364		
45	96.1	19.4	174.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.50 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

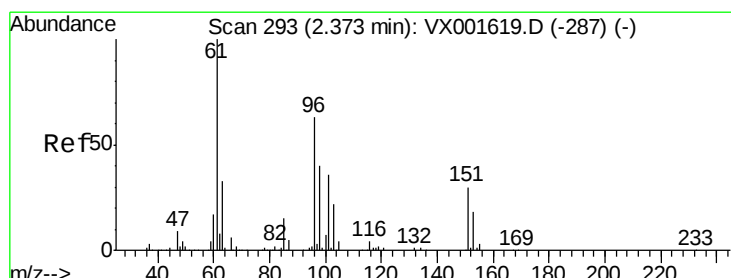
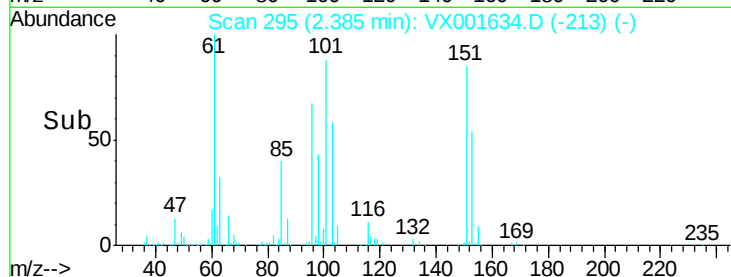
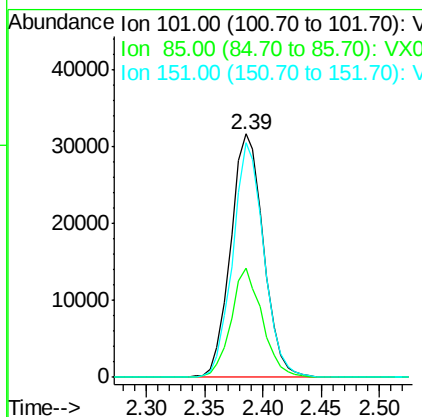
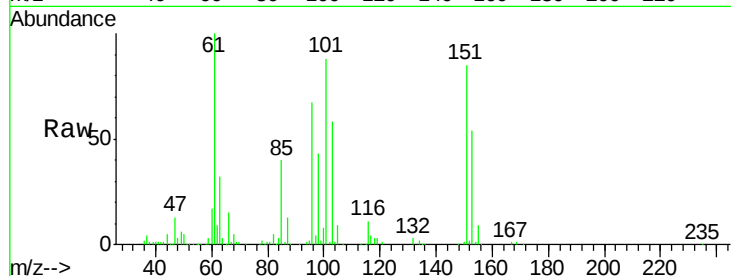
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	62151
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	84.0
151	91.4	0.0	176.4

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#10

1,1-Dichloroethene

Concen: 21.01 ug/l

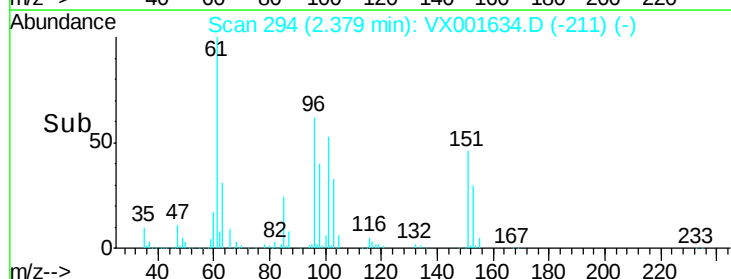
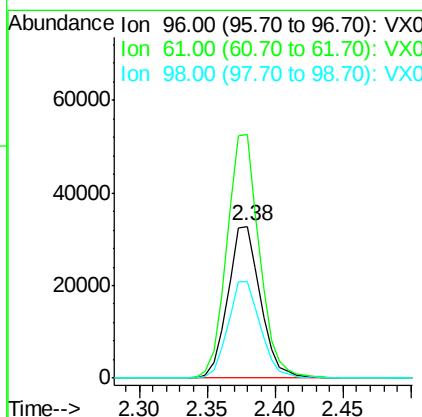
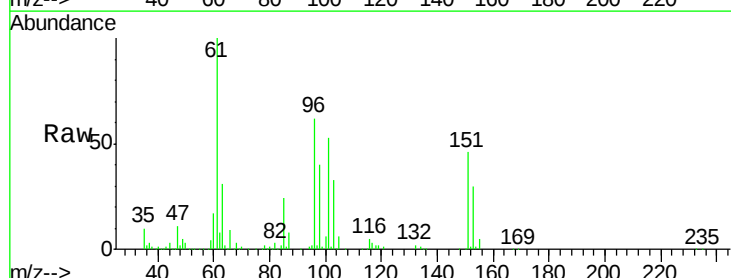
RT: 2.38 min Scan# 294

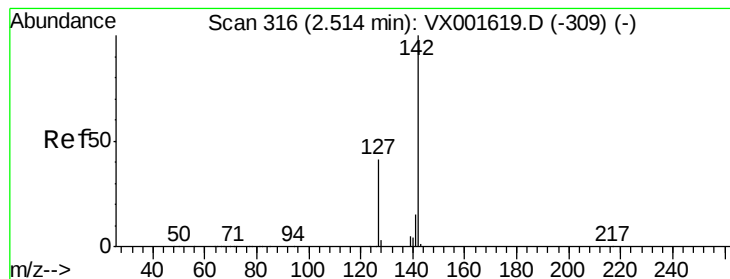
Delta R.T. 0.01 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	96	Resp:	54856
Ion Ratio	Lower	Upper	
96	100		
61	160.4	126.5	189.7
98	63.3	50.6	75.8





#11

Methyl Iodide

Concen: 10.15 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

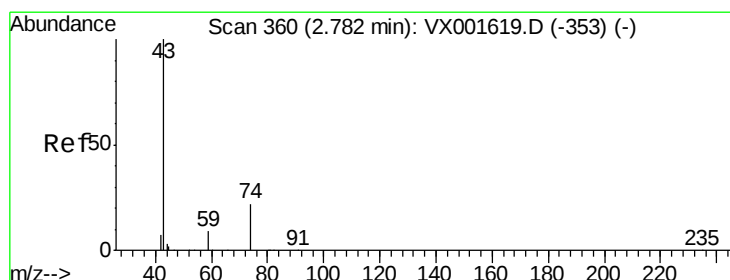
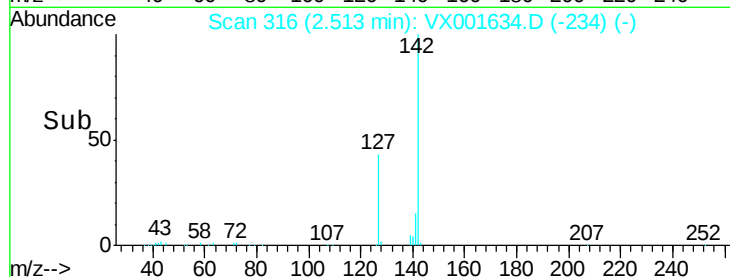
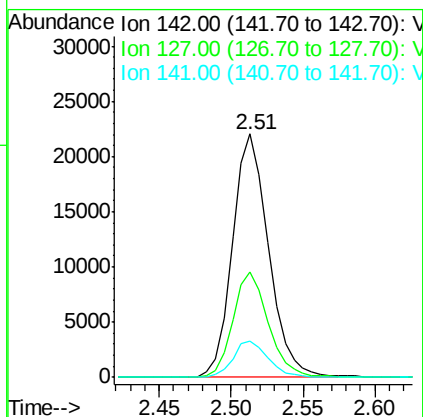
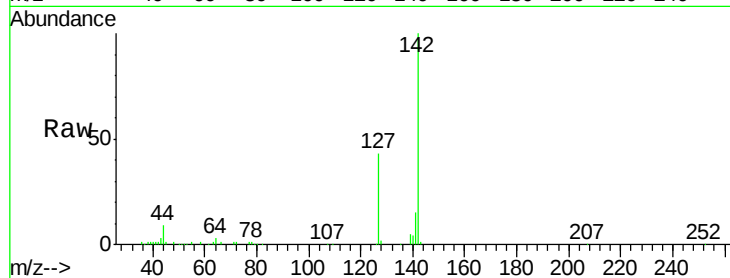
ClientSampleId :

VSTDCCC020EC

Tot Ion:	142	Resp:	38501
Ion Ratio	Lower	Upper	
142	100		
127	43.4	20.7	62.1
141	15.1	7.4	22.3

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#12

Methyl Acetate

Concen: 20.53 ug/l

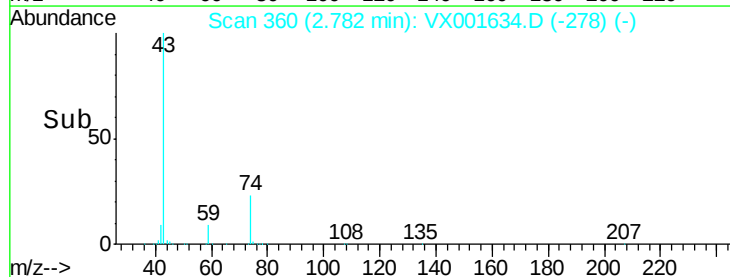
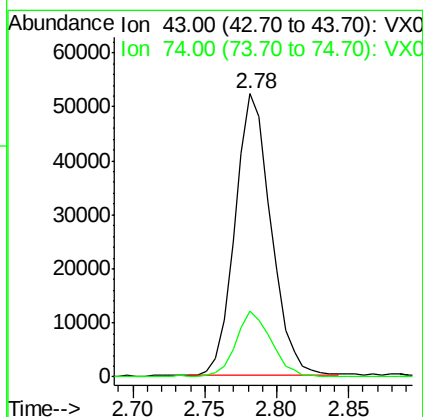
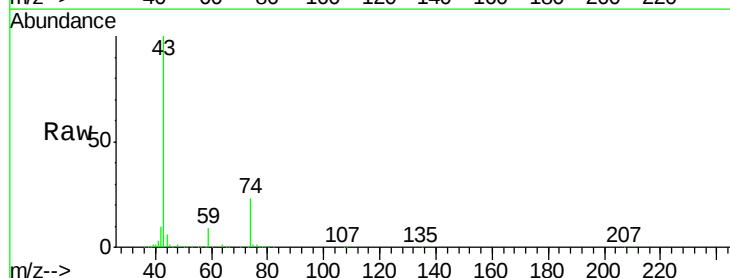
RT: 2.78 min Scan# 360

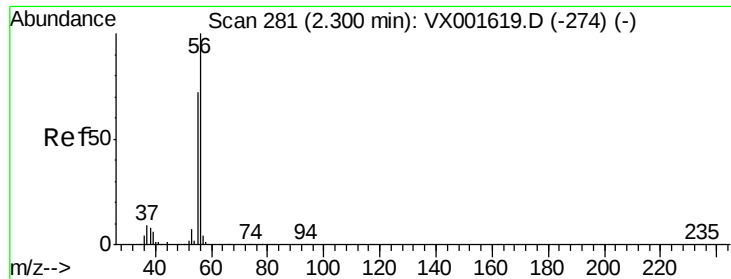
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	43	Resp:	91163
Ion Ratio	Lower	Upper	
43	100		
74	23.0	18.0	27.0





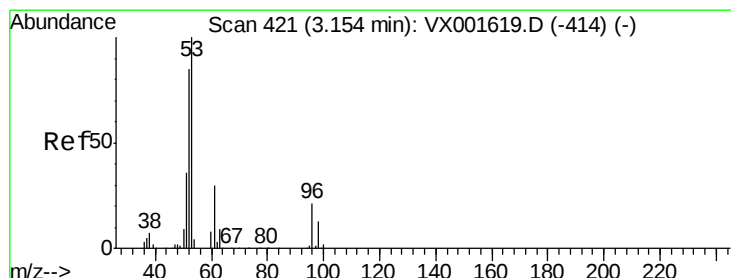
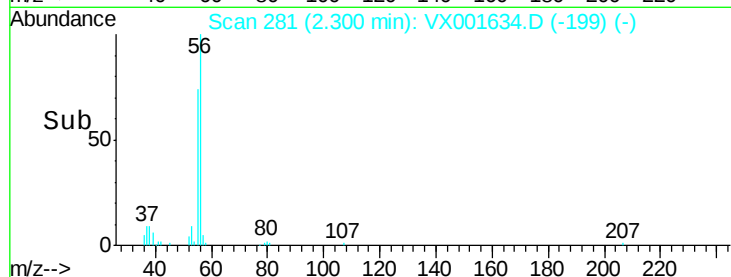
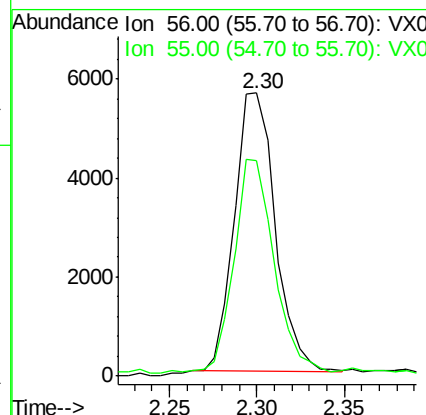
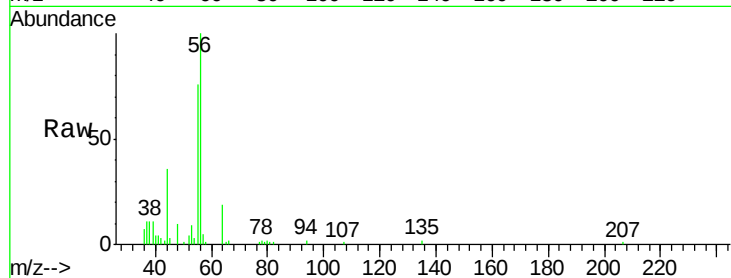
#13
Acrolein
Concen: 18.20 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	77.3	56.9	85.3	

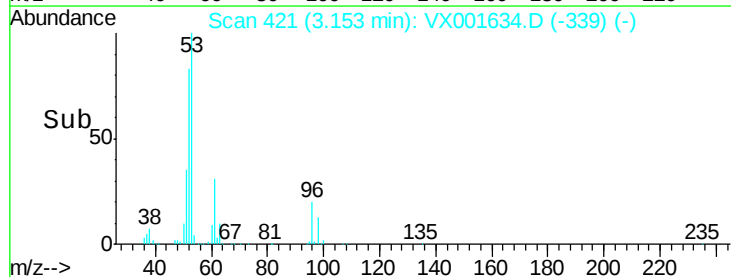
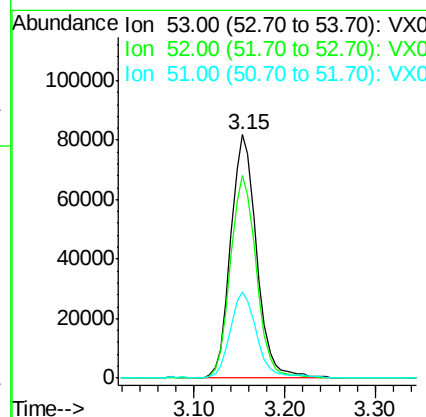
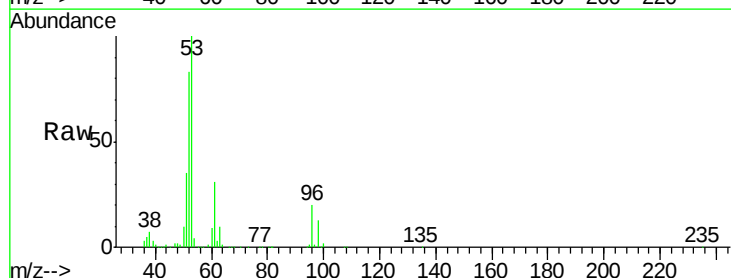
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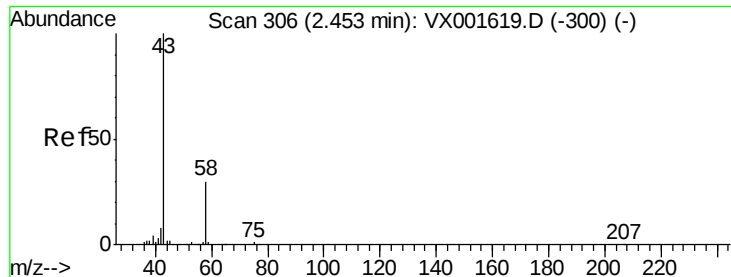
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#14
Acrylonitrile
Concen: 91.99 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.6	41.3	123.9	
51	35.6	18.1	54.3	





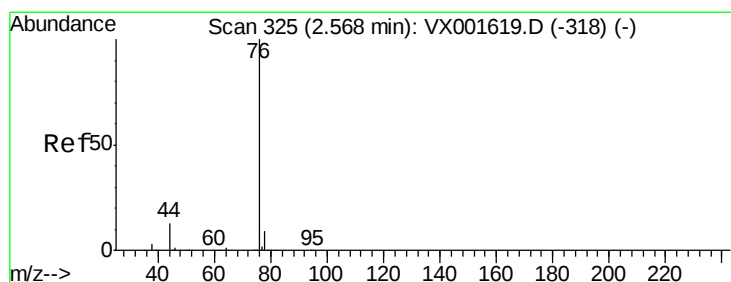
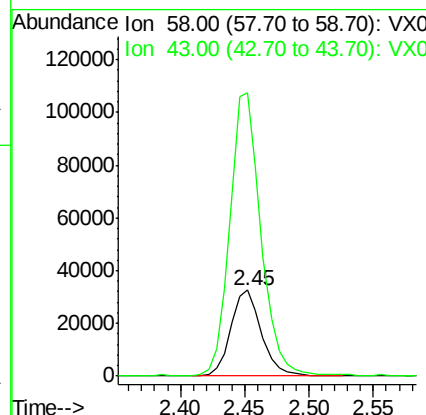
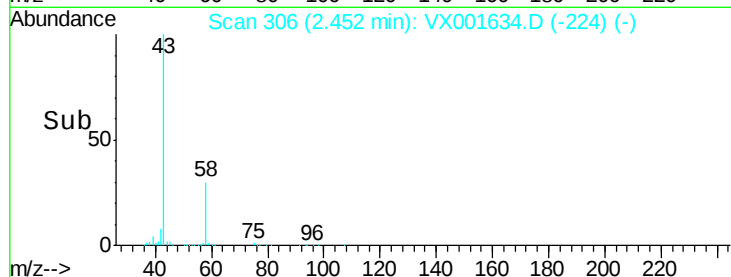
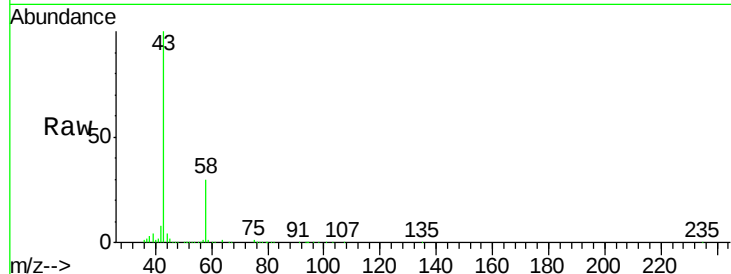
#15
Acetone
Concen: 114.17 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	Resp	54398
Ion	Ratio	Lower	Upper
58	100		
43	327.9	264.2	396.2

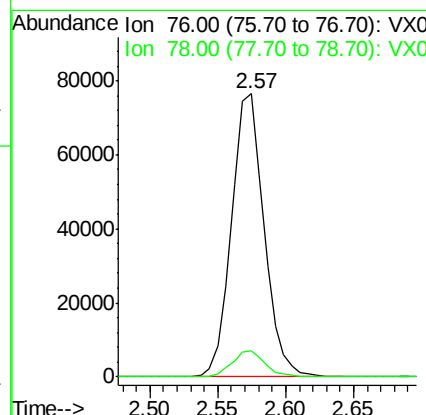
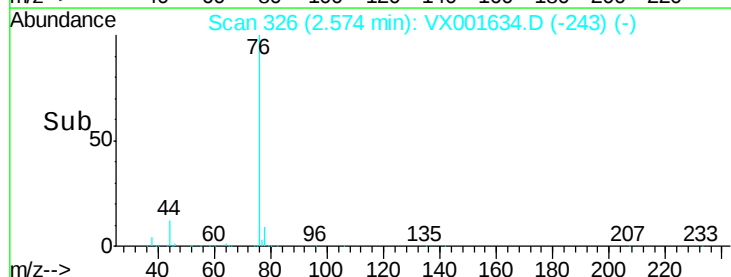
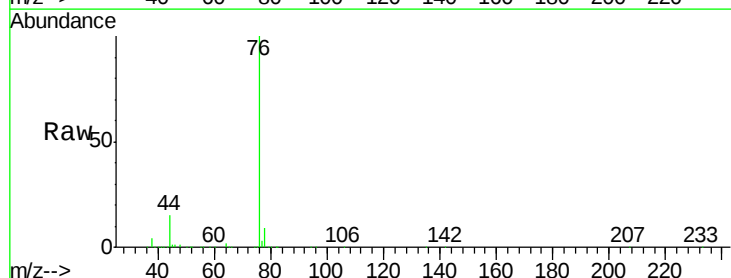
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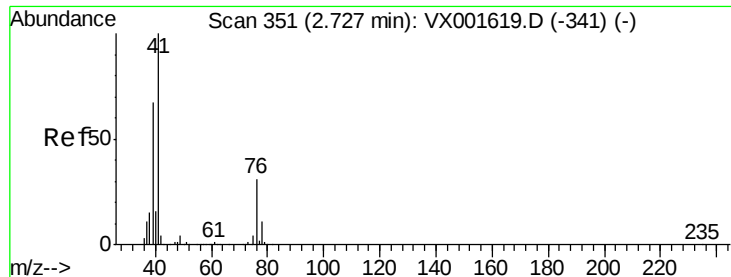
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#16
Carbon Disulfide
Concen: 19.74 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	76	Resp	127682
Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9





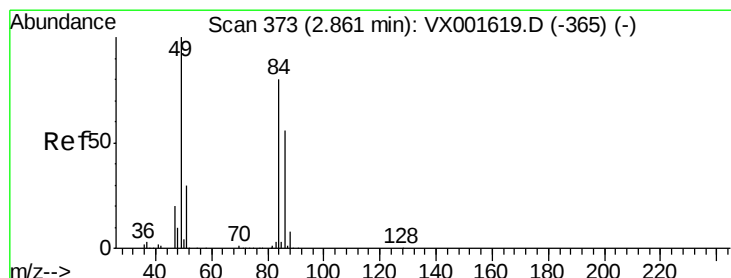
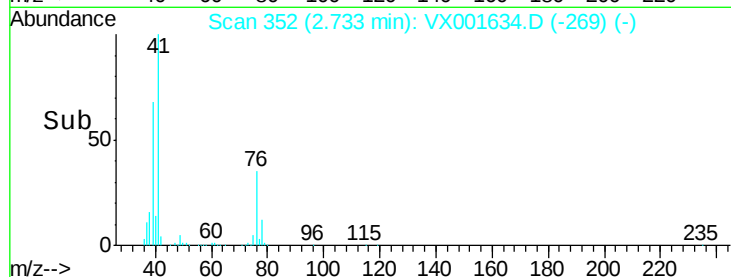
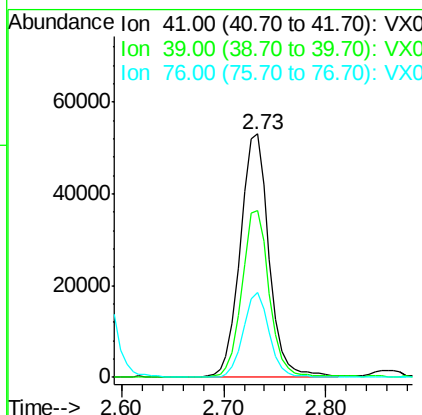
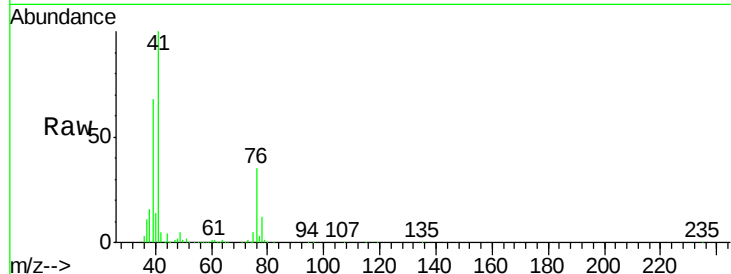
#17
Allvl chloride
Concen: 20.81 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100	103664		
39	68.2		33.7	101.1
76	35.0		15.4	46.4

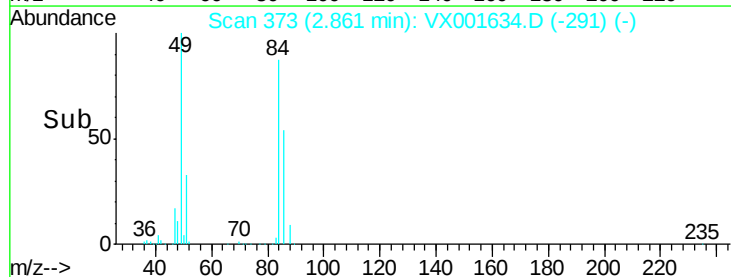
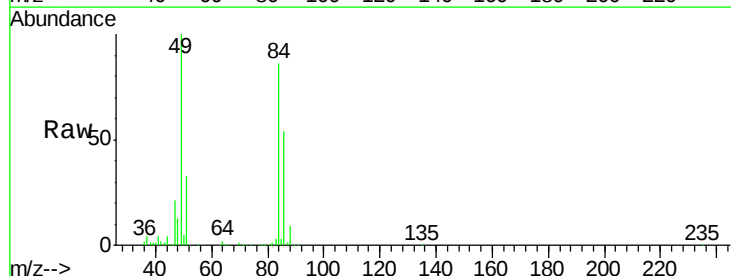
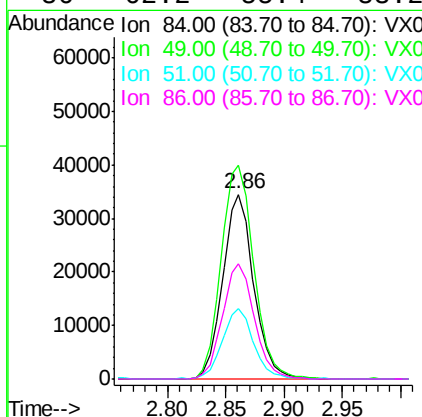
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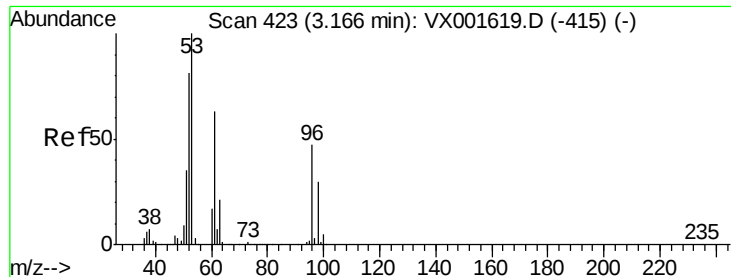
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#18
Methylene Chloride
Concen: 20.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	63453		
49	115.5		99.5	149.3
51	38.2		30.1	45.1
86	62.2		55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 20.32 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

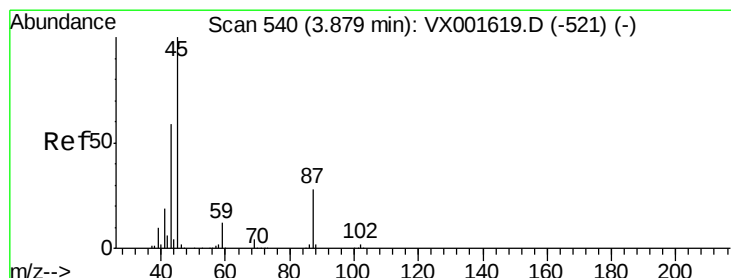
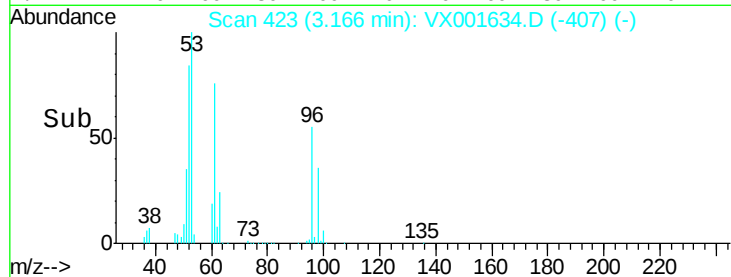
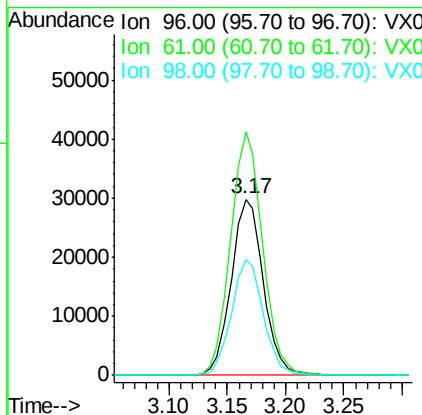
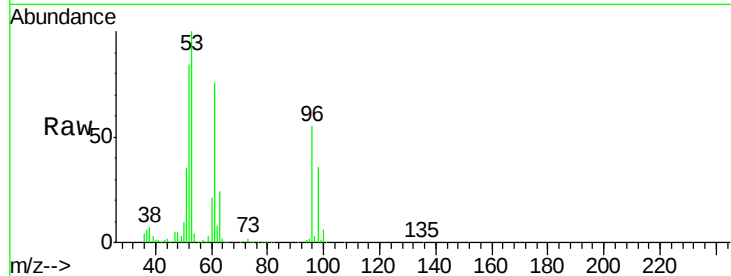
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	57581
Ion	Ratio	Lower	Upper
96	100		
61	138.5	107.7	161.5
98	66.1	51.6	77.4

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#20

Diisopropyl ether

Concen: 20.81 ug/l

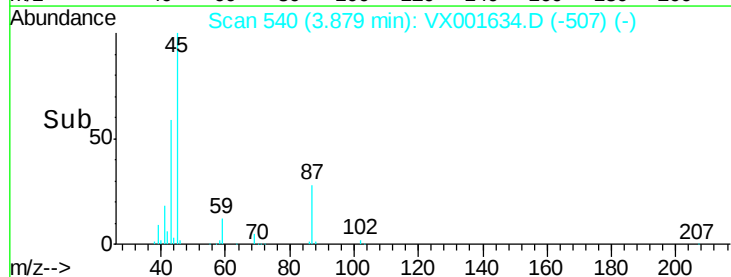
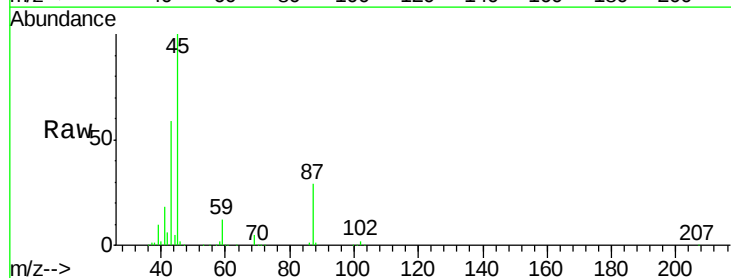
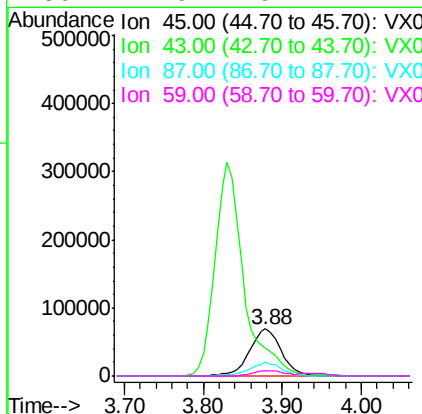
RT: 3.88 min Scan# 540

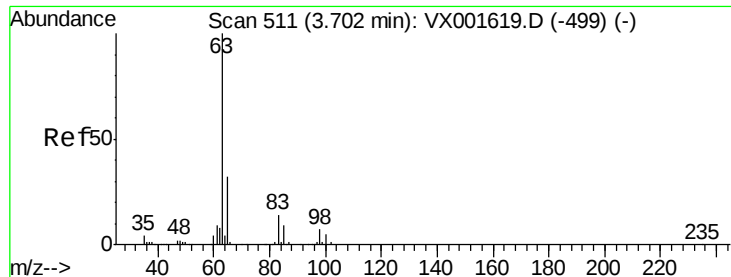
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	45	Resp:	193675
Ion	Ratio	Lower	Upper
45	100		
43	57.8	47.5	71.3
87	28.7	22.2	33.4
59	11.9	9.4	14.2





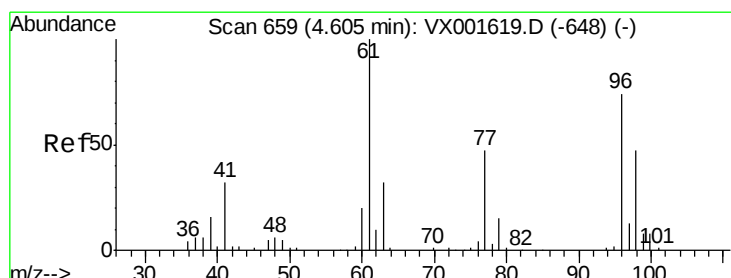
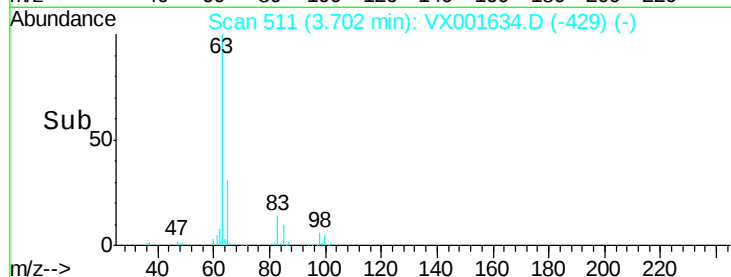
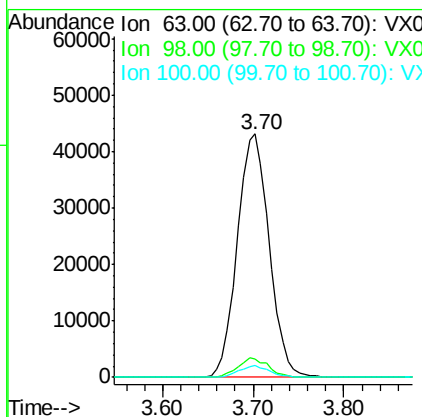
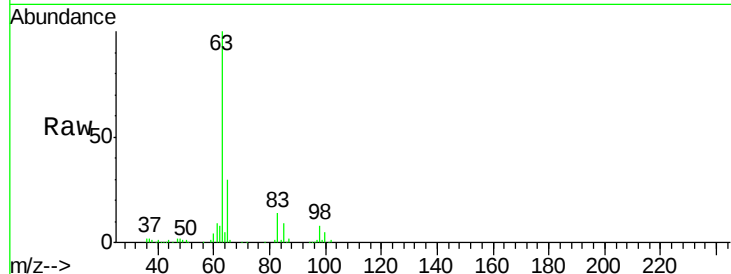
#21
1,1-Dichloroethane
Concen: 19.68 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	63	Resp:	105337
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.5	10.5
100	4.9	2.5	7.4

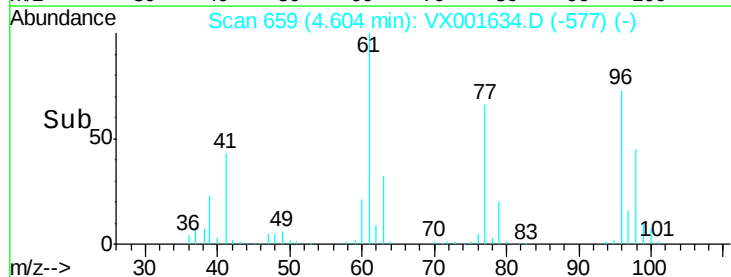
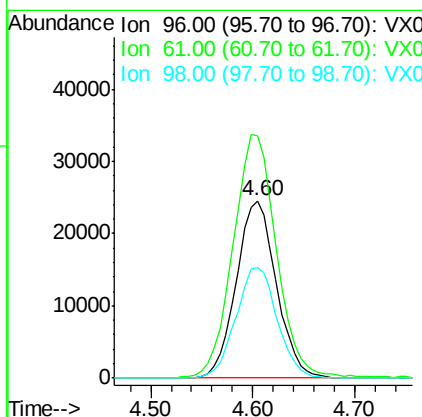
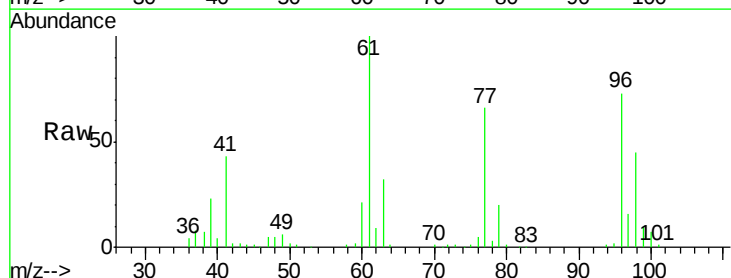
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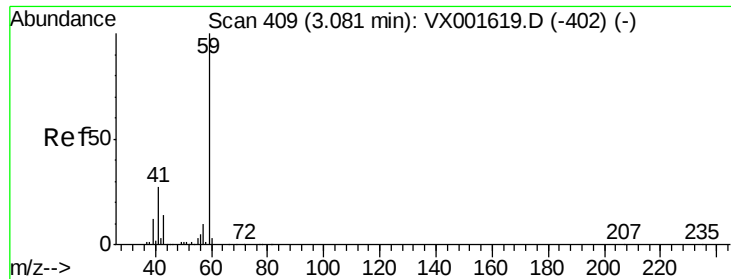
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#22
cis-1,2-Dichloroethene
Concen: 20.92 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion:	96	Resp:	66866
Ion Ratio	Lower	Upper	
96	100		
61	148.8	117.3	175.9
98	64.5	51.2	76.8





#23

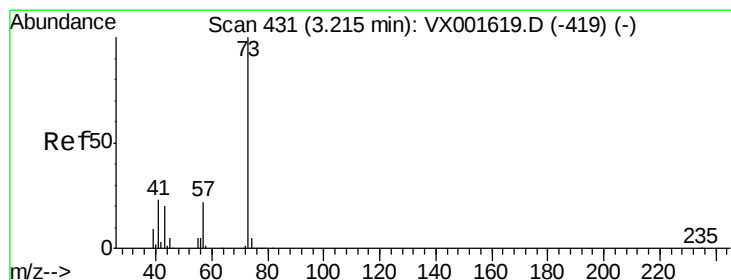
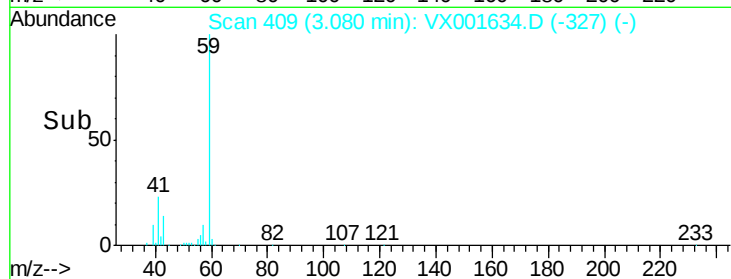
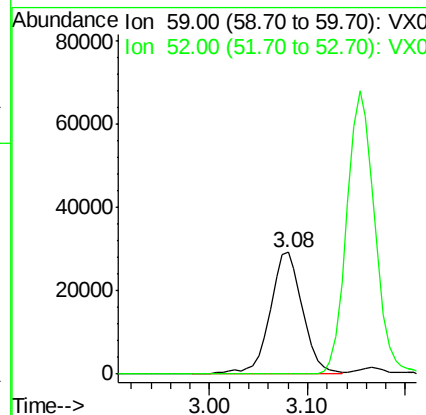
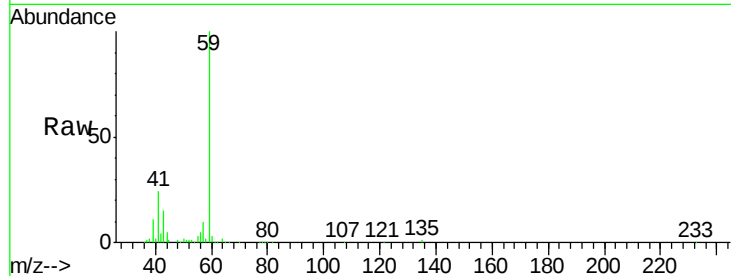
tert-Butyl Alcohol
 Concen: 86.14 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.2	0.2	

Manual Integrations
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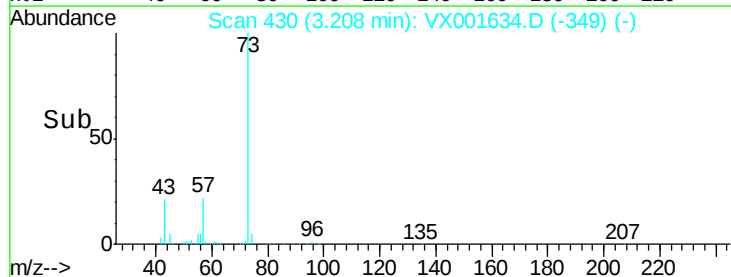
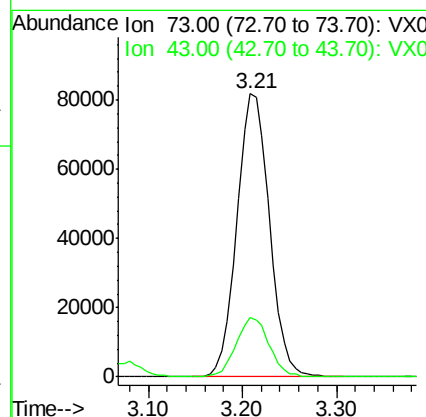
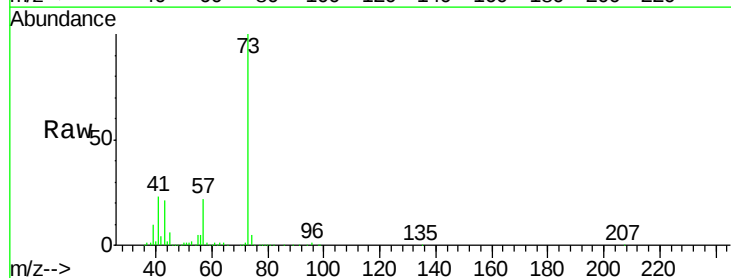
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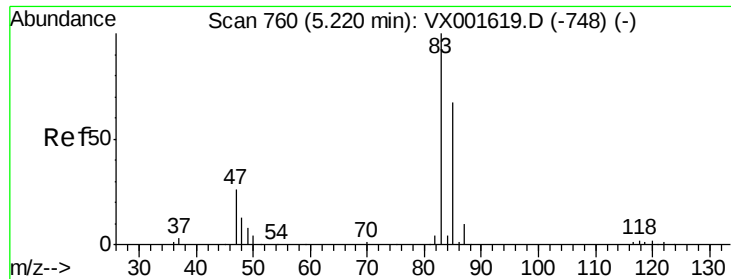


#24

Methyl tert-Butyl Ether
 Concen: 20.74 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	20.6	16.3	24.5	





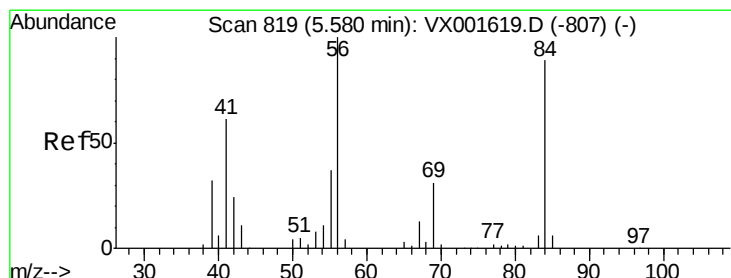
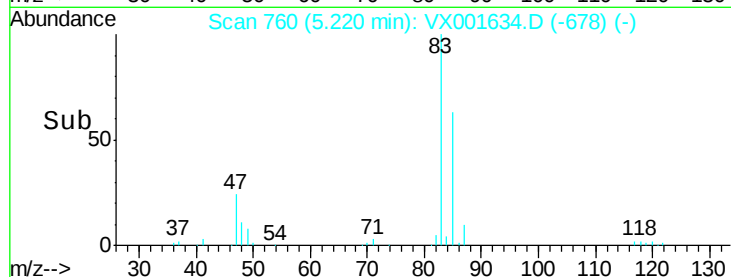
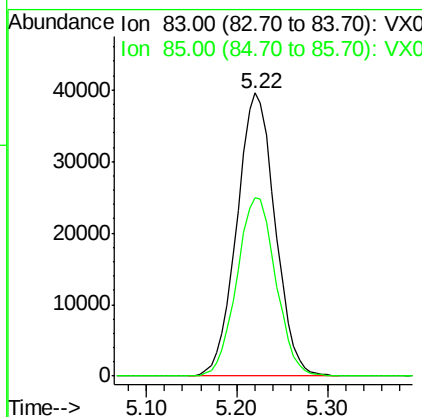
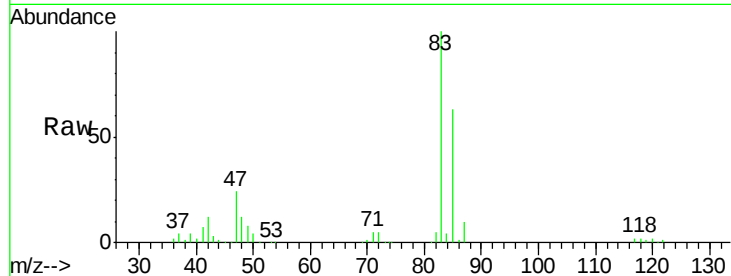
#25
Chloroform
Concen: 21.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	115816
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	53.9	80.9

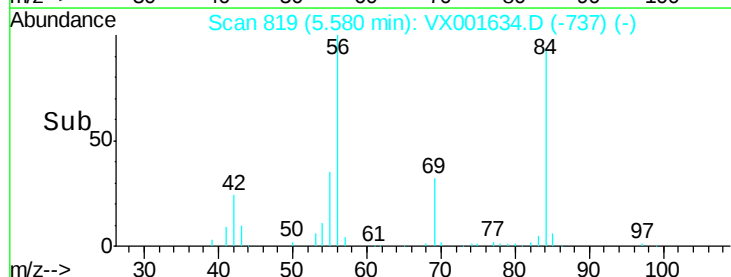
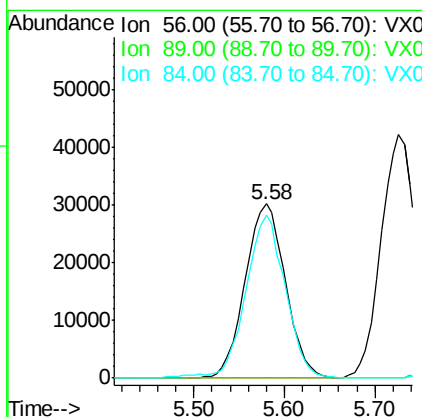
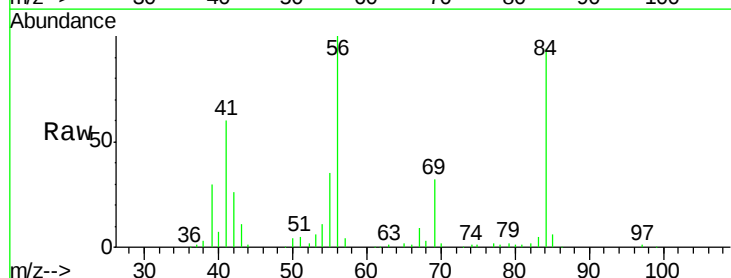
Manual Integrations
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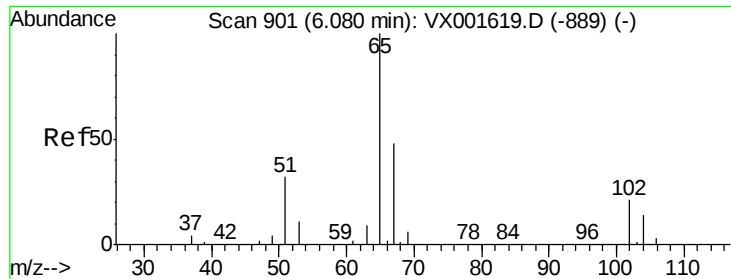
apatel
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#26
Cyclohexane
Concen: 23.80 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	56	Resp	92907
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	92.0	72.2	108.4





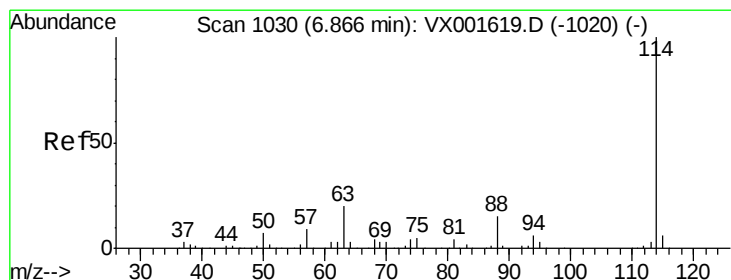
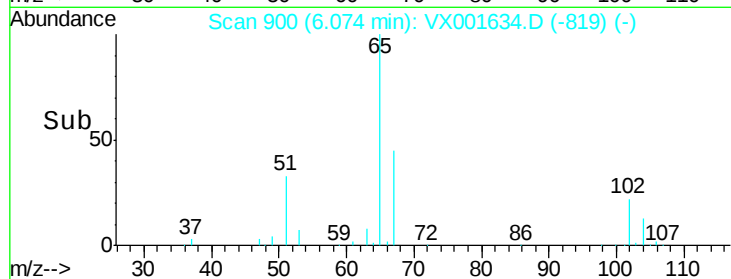
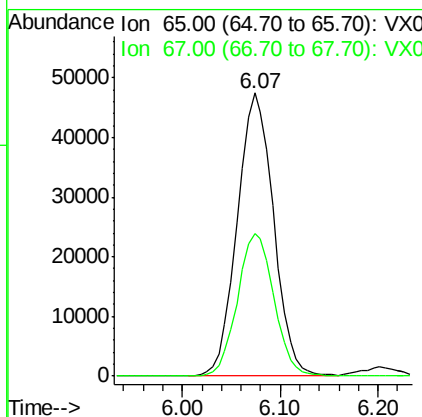
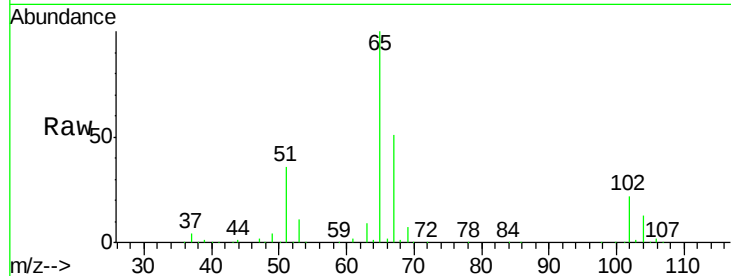
#27
 1,2-Dichloroethane-d4
 Concen: 29.73 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.6	40.2	60.2

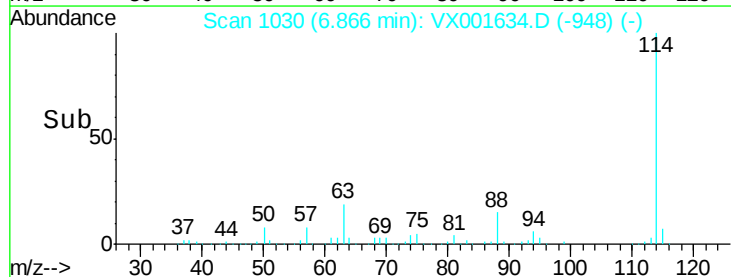
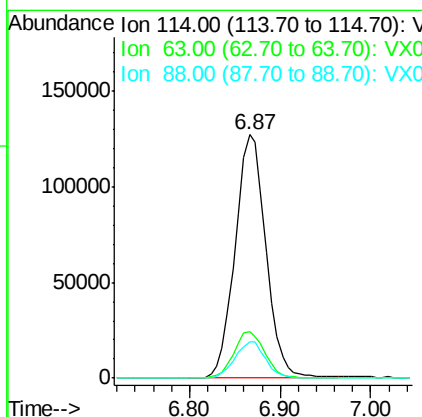
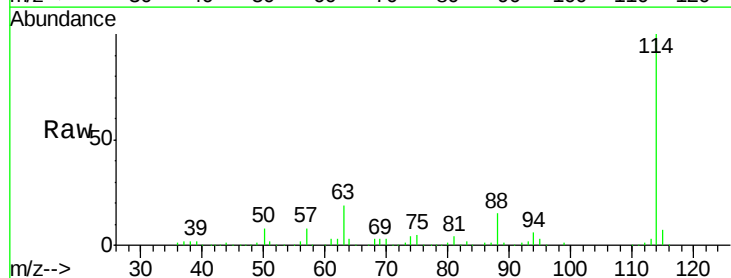
Manual Integrations
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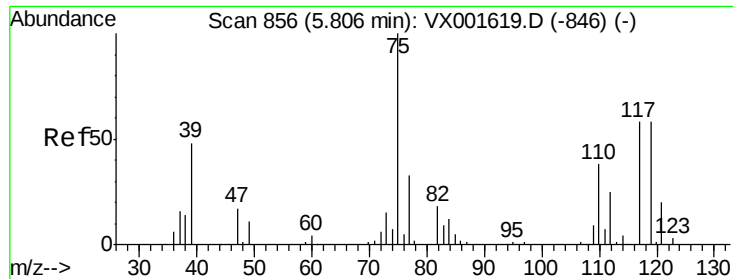
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.5	23.3
88	14.8	12.2	18.4





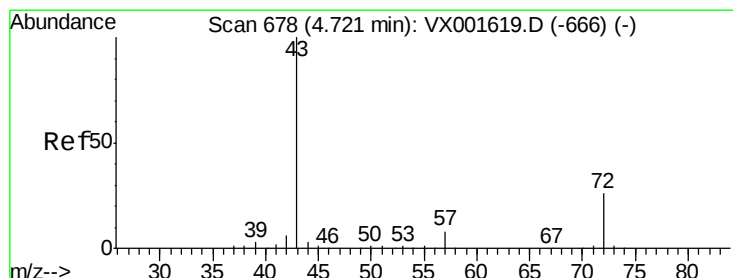
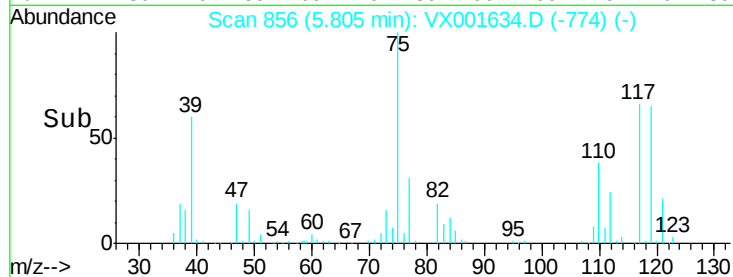
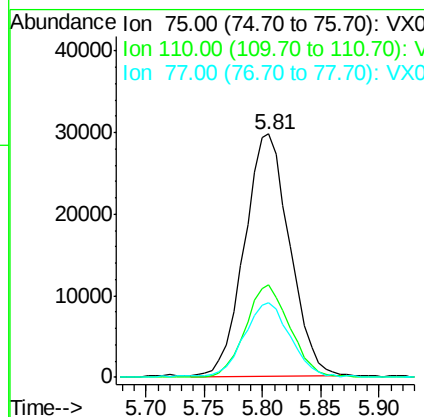
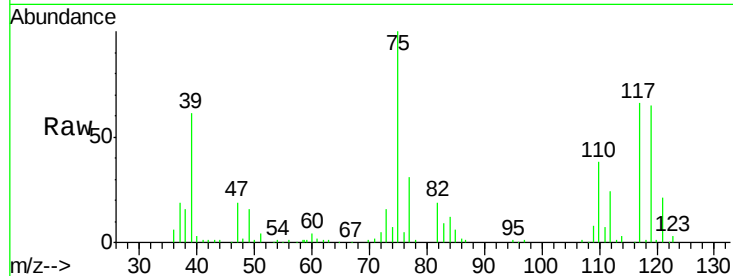
#29
 1,1-Dichloropropene
 Concen: 21.08 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.8	0.0	74.6
77	31.1	0.0	62.4

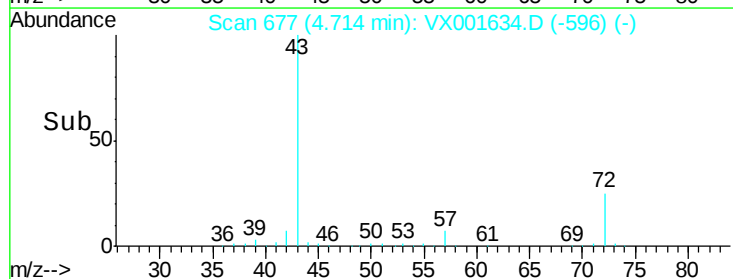
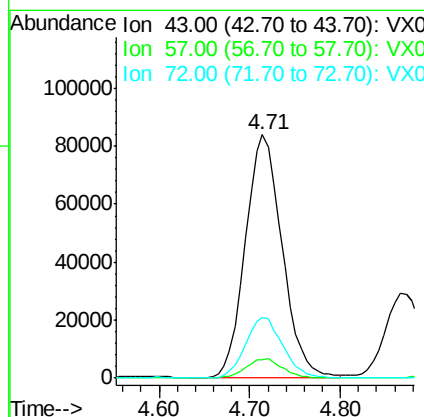
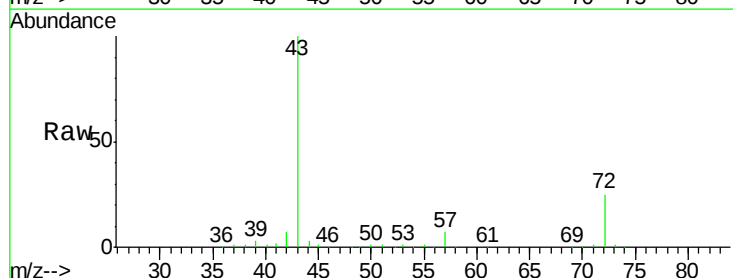
Manual Integrations
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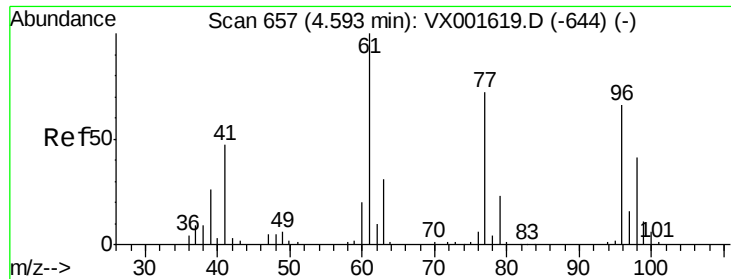
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#30
 2-Butanone
 Concen: 94.32 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.3	9.5
72	25.3	20.2	30.4





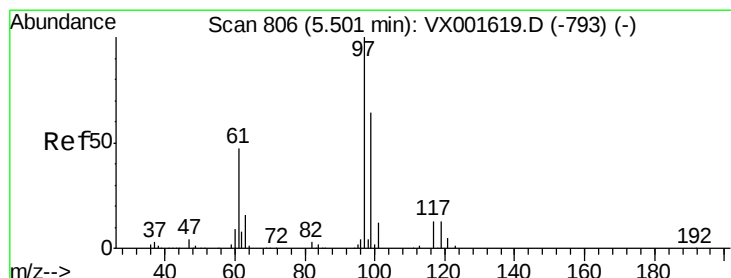
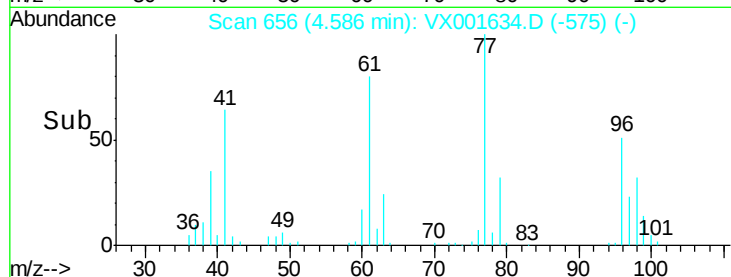
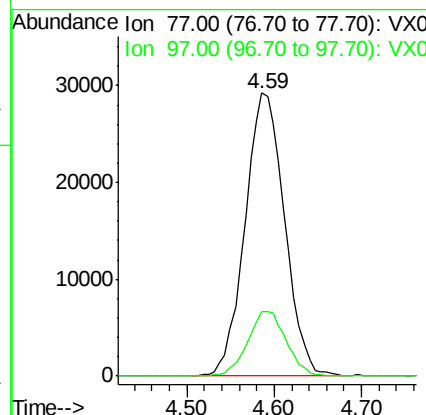
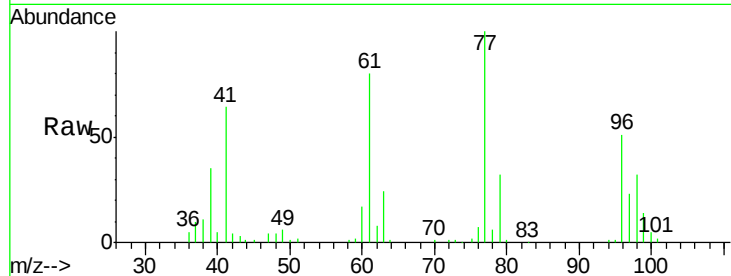
#31
 2,2-Dichloropropane
 Concen: 28.30 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.3	19.3	28.9

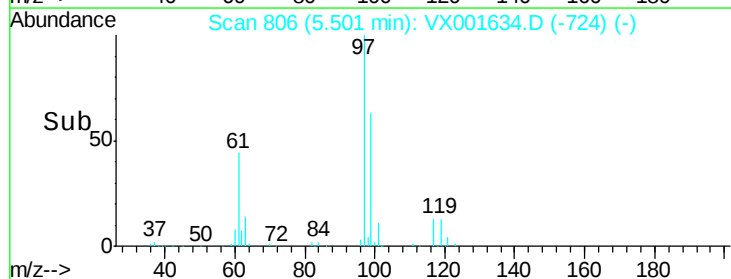
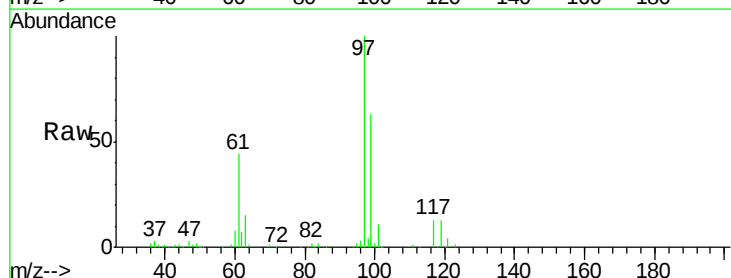
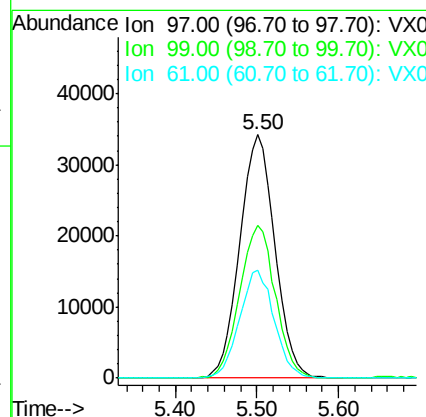
Manual Integrations
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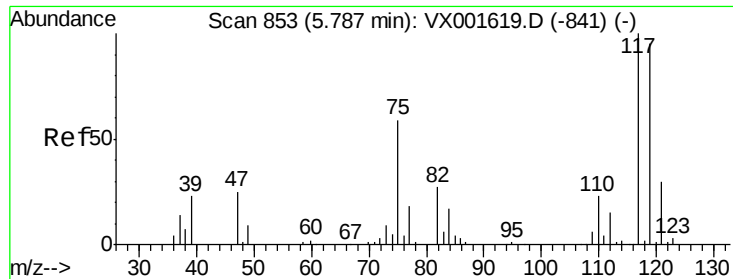
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#32
 1,1,1-Trichloroethane
 Concen: 21.29 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	43.7	35.6	53.4





#33

Carbon Tetrachloride

Concen: 21.27 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

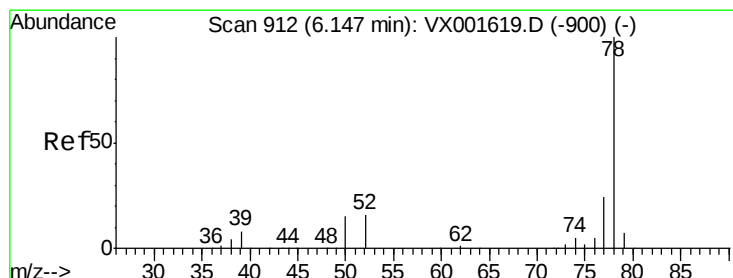
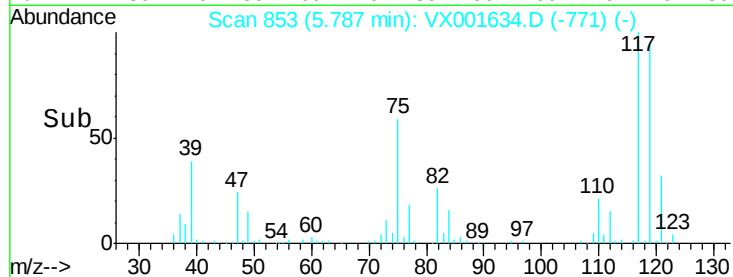
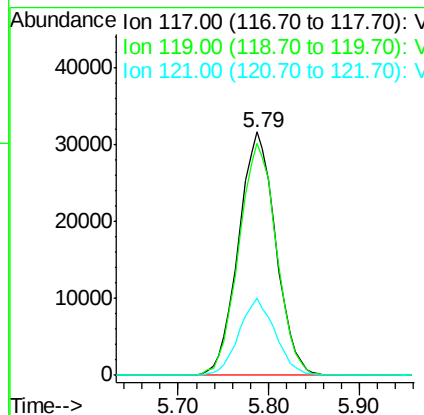
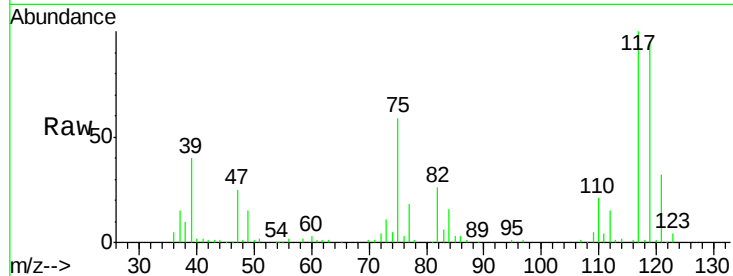
VSTDCCC020EC

Tot Ion:	117	Resp:	89993
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	31.6	24.3	36.5

Manual Integrations
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#34

Benzene

Concen: 19.97 ug/l

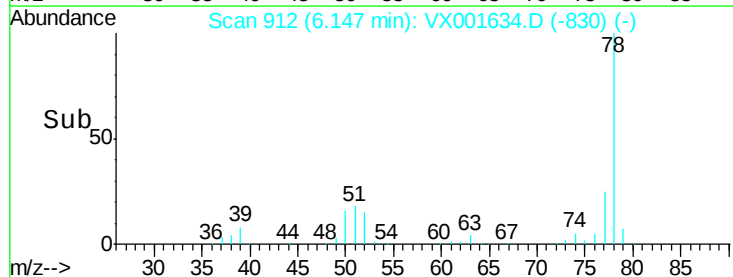
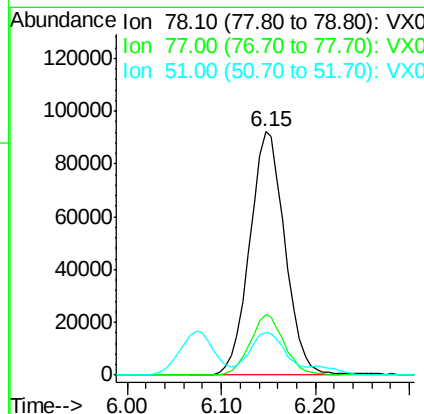
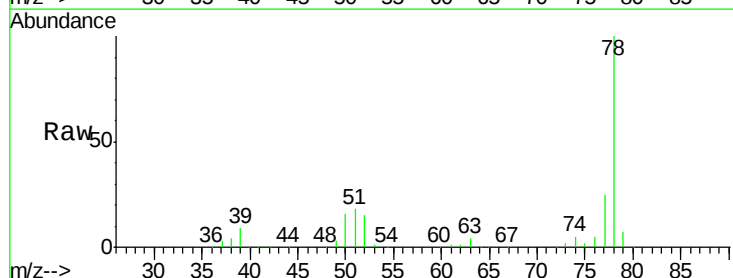
RT: 6.15 min Scan# 912

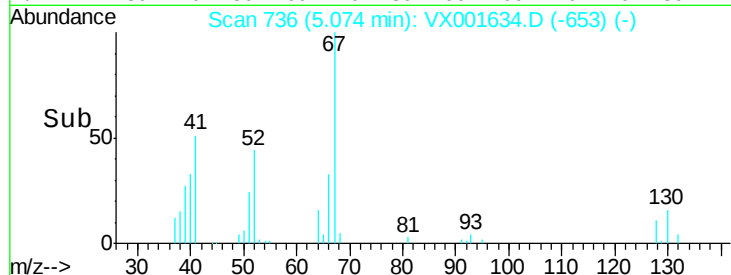
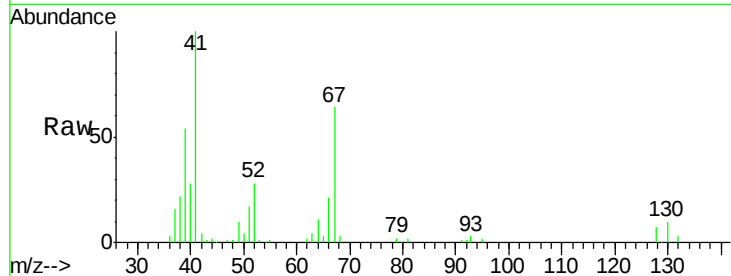
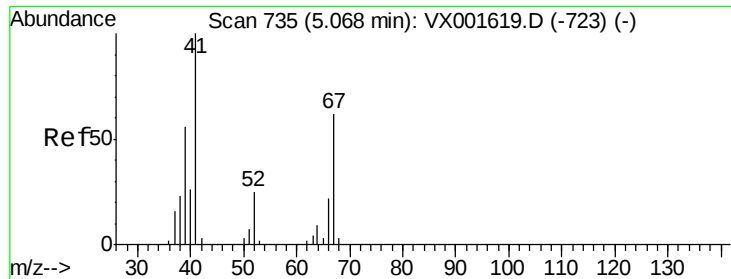
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	78	Resp:	241255
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.8	28.2
51	15.9	13.5	20.3





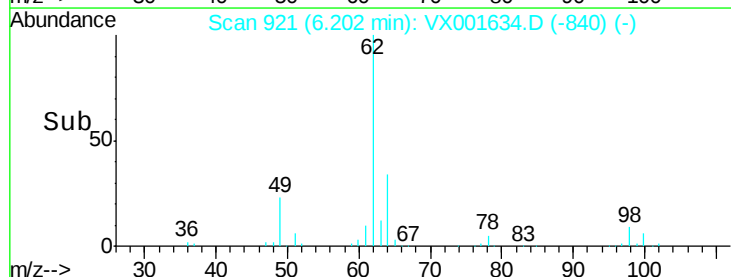
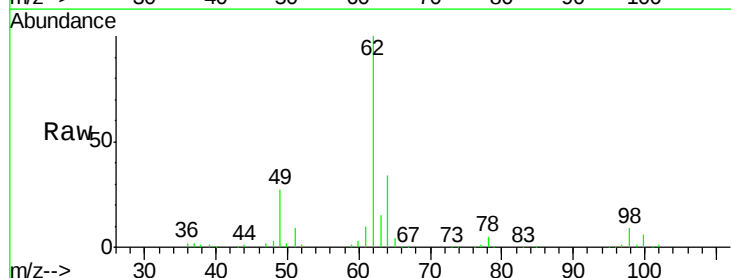
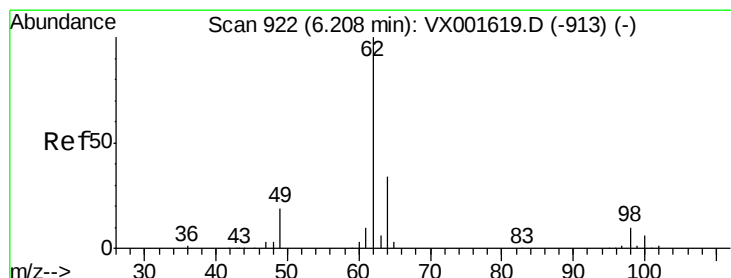
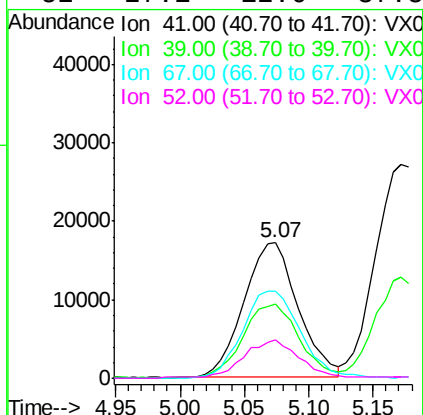
#35
Methacrylonitrile
Concen: 18.58 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.1	27.9	83.6		
67	64.8	30.9	92.5		
52	27.1	12.6	37.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

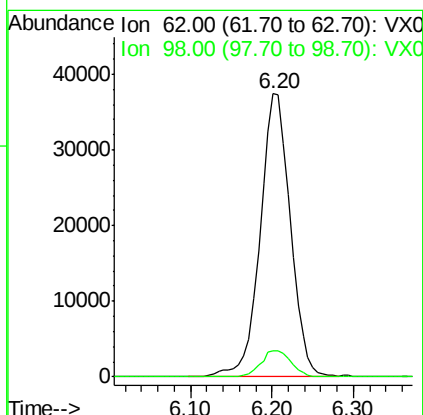
Manual Integrations
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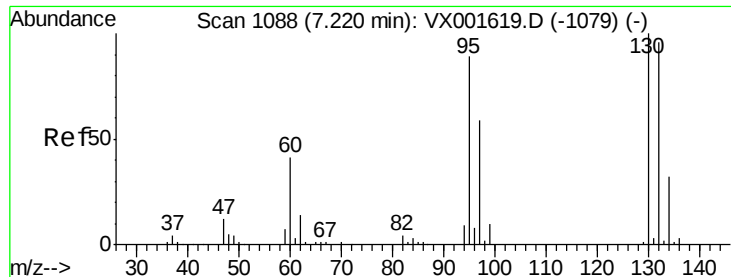
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#36
1,2-Dichloroethane
Concen: 20.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.2	7.7	11.5		





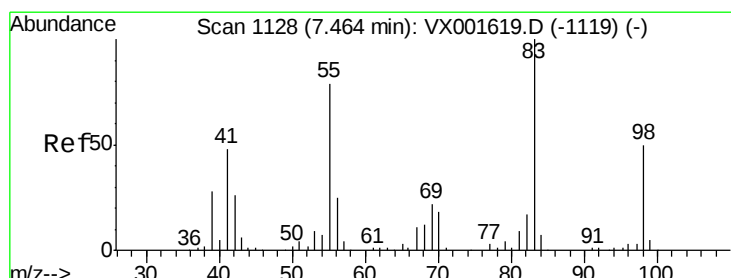
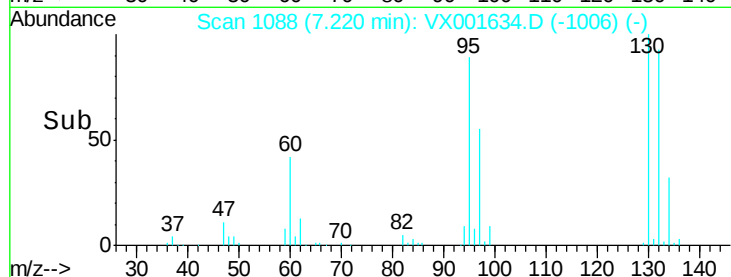
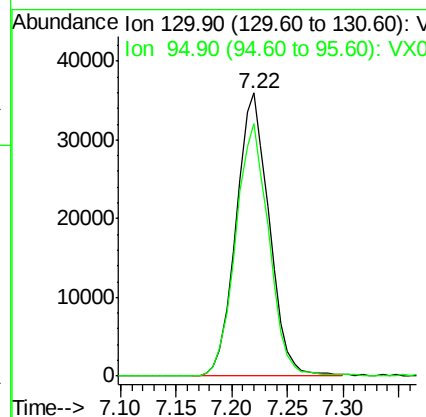
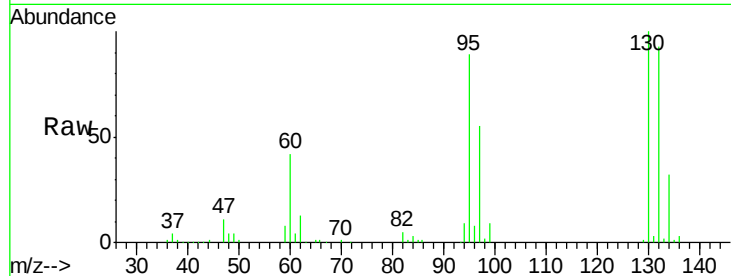
#37
 Trichloroethene
 Concen: 20.83 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 74153
 Ion Ratio Lower Upper
 130 100
 95 89.2 71.4 107.2

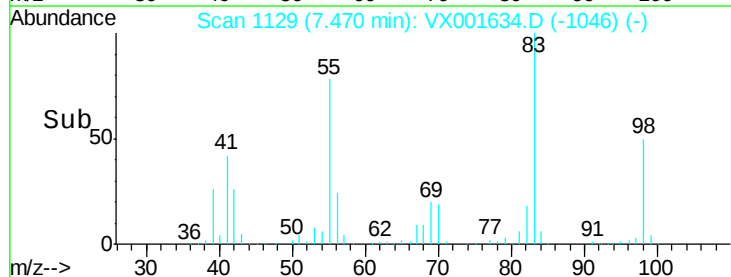
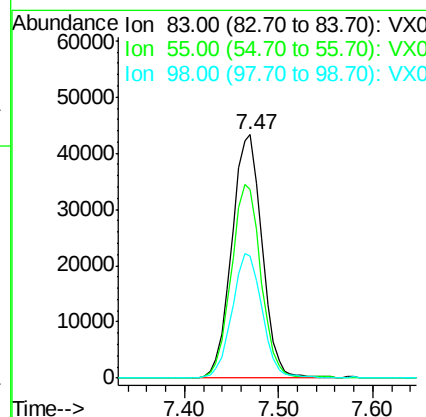
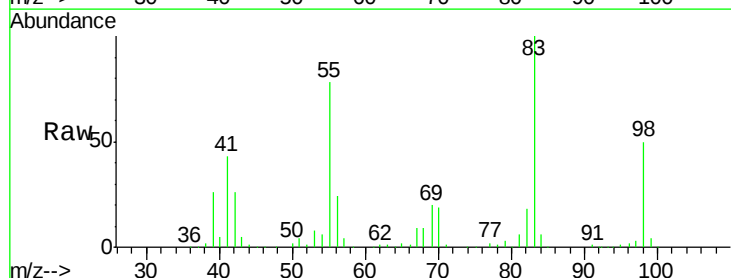
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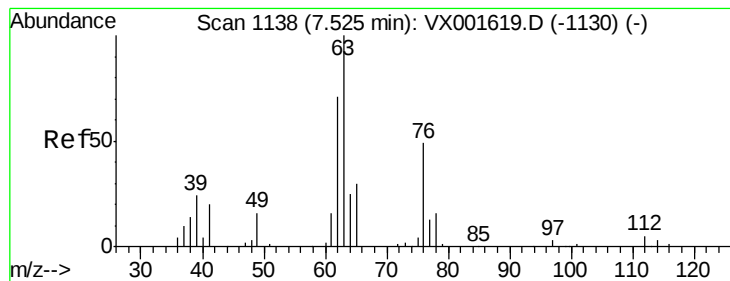
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#38
 Methylcyclohexane
 Concen: 24.03 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion: 83 Resp: 97063
 Ion Ratio Lower Upper
 83 100
 55 77.3 39.6 118.7
 98 50.6 25.0 75.0





#39

1,2-Dichloropropane

Concen: 20.22 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 61245

Ion Ratio Lower Upper

63 100

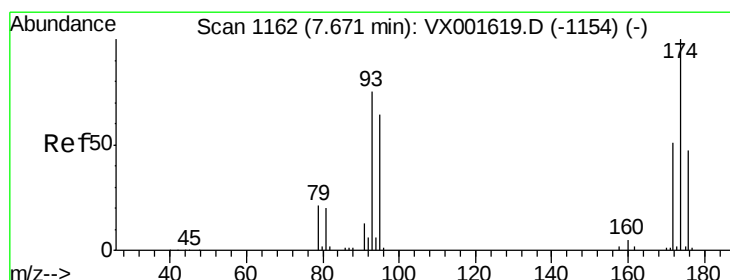
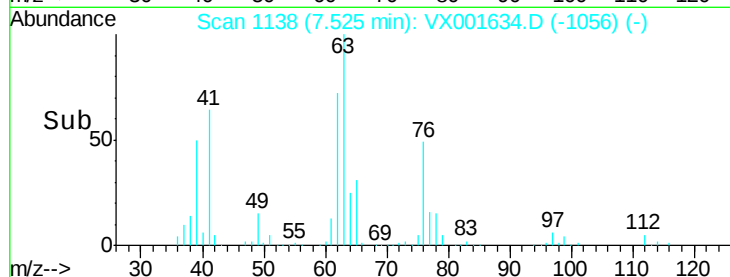
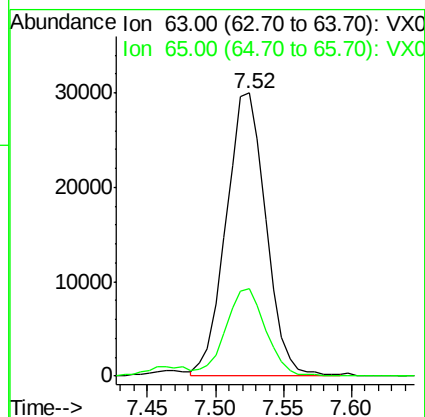
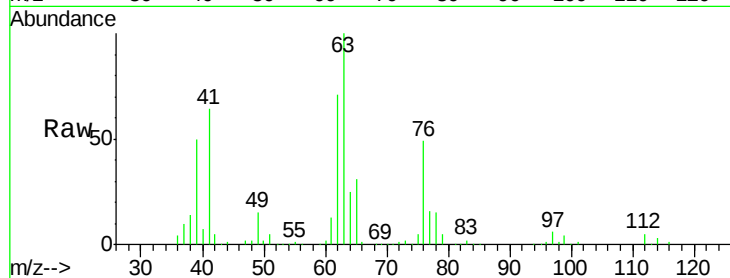
65 30.9 25.3 37.9

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#40

Dibromomethane

Concen: 19.87 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

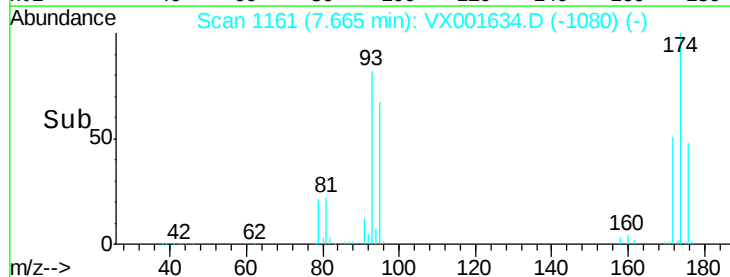
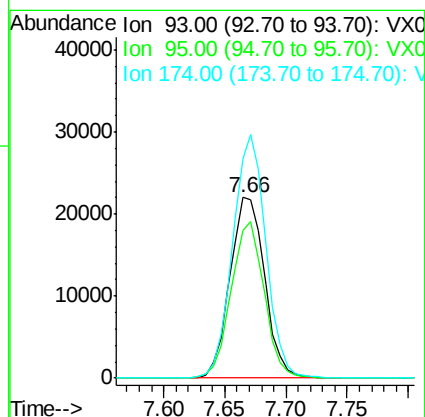
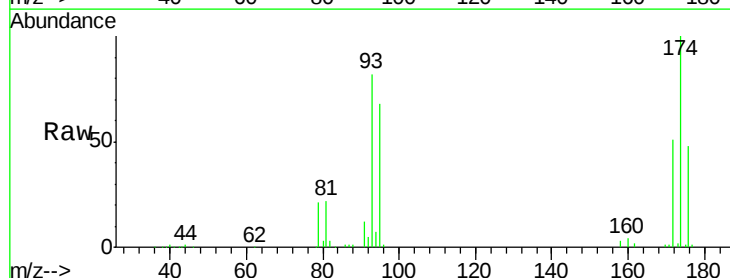
Tgt Ion: 93 Resp: 43123

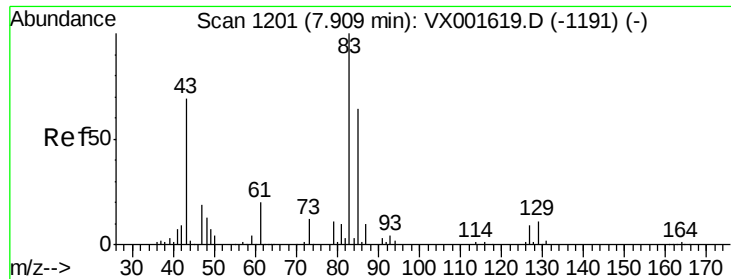
Ion Ratio Lower Upper

93 100

95 82.4 0.0 166.2

174 128.6 0.0 259.2





#41

Bromodichloromethane

Concen: 19.88 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

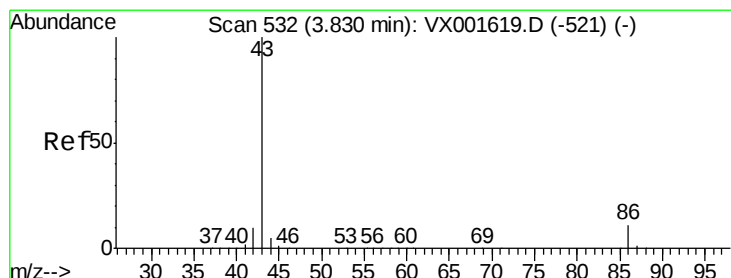
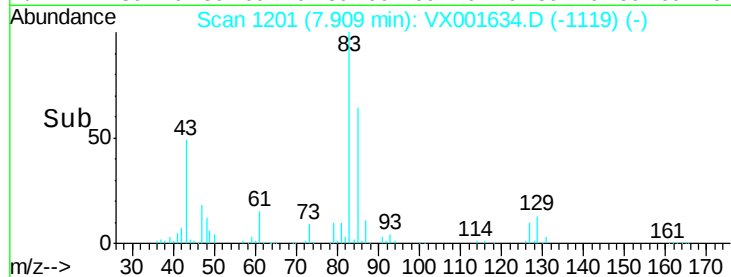
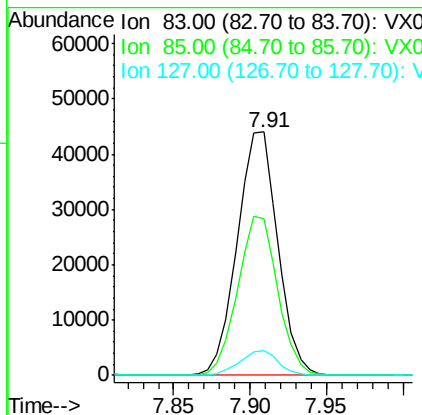
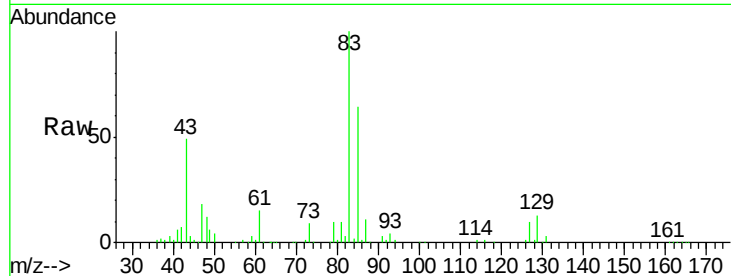
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	81175
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.3	76.9
127	10.1	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 97.74 ug/l

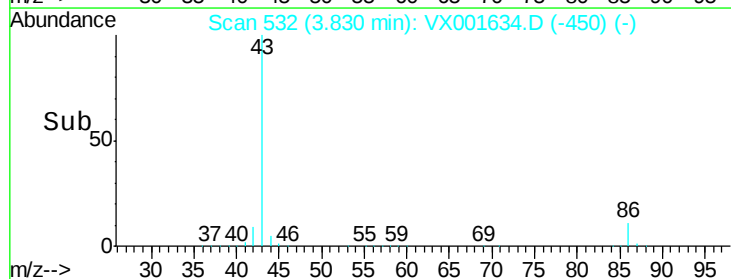
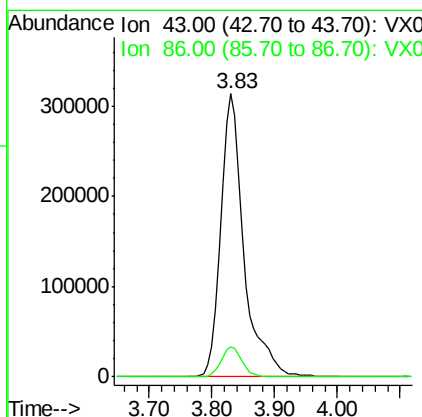
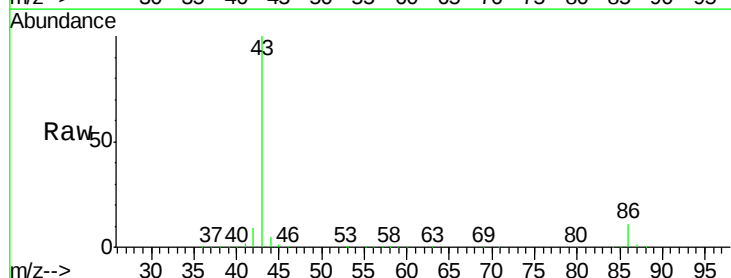
RT: 3.83 min Scan# 532

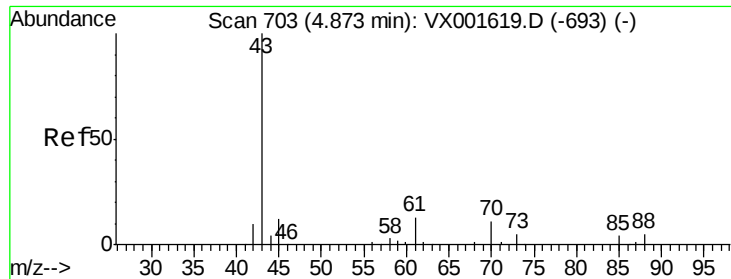
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	43	Resp:	803622
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.4	11.2





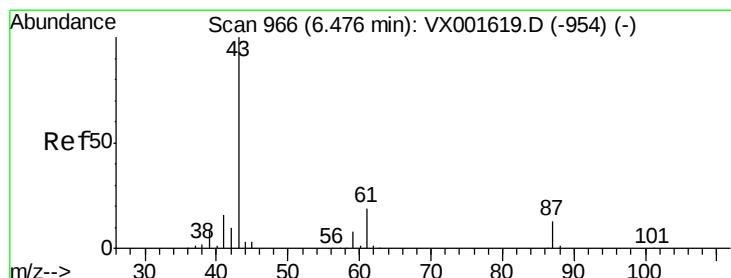
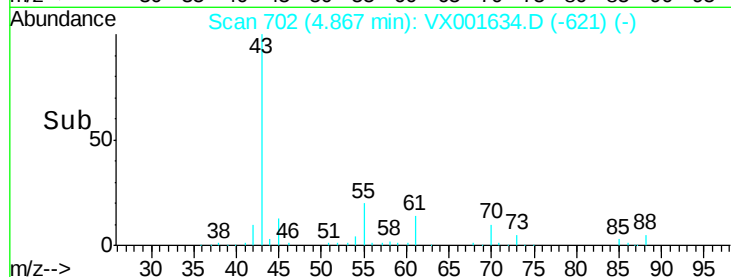
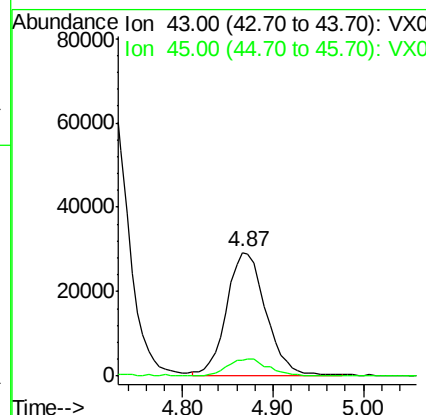
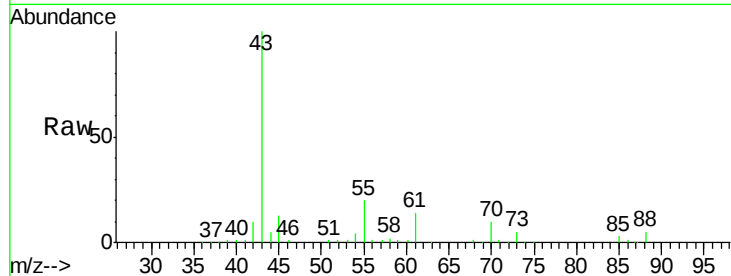
#43
Ethyl Acetate
Concen: 18.51 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 87955
Ion Ratio Lower Upper
43 100
45 14.8 12.7 19.1

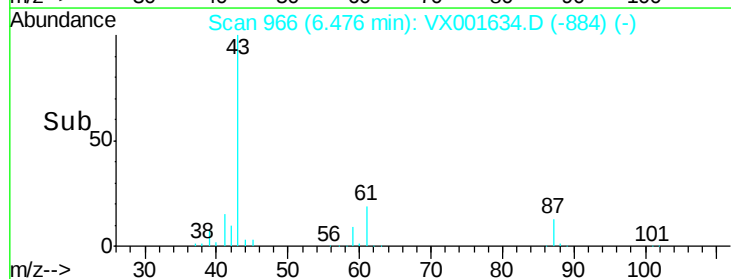
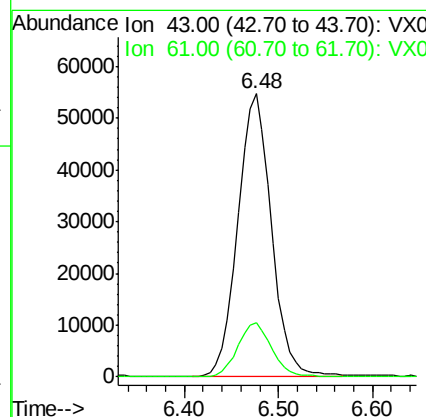
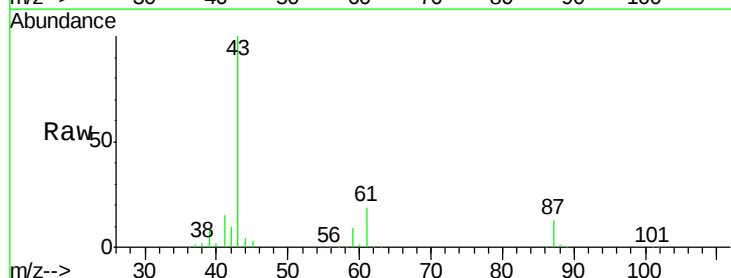
Manual Integrations
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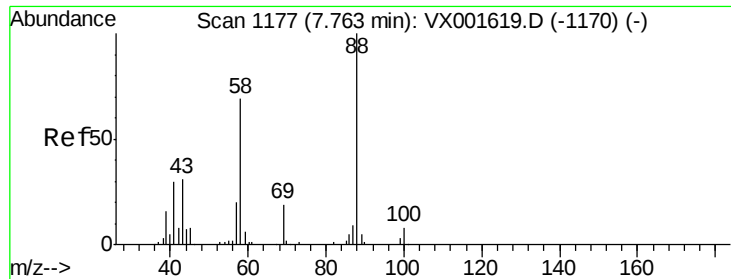
apatel
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#44
Isopropyl Acetate
Concen: 18.71 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion: 43 Resp: 136090
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7





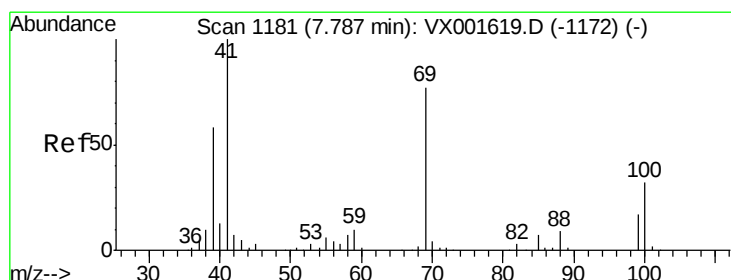
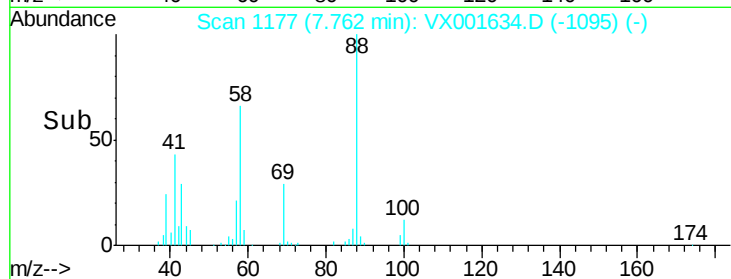
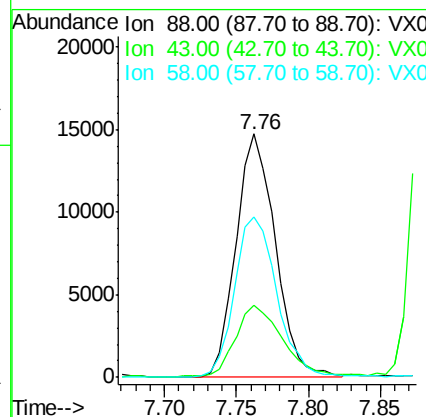
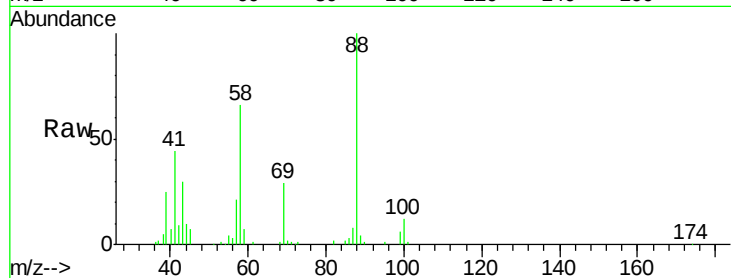
#45
 1,4-Dioxane
 Concen: 329.47 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	28108		
43	32.9		27.9	41.9
58	70.9		55.3	82.9

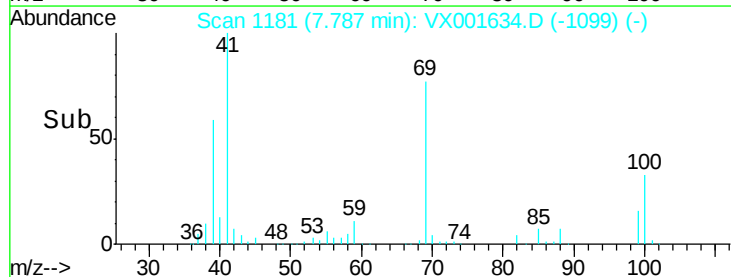
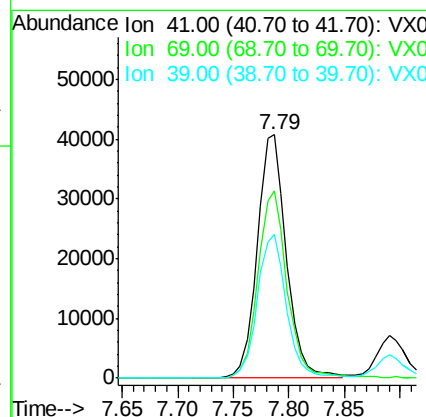
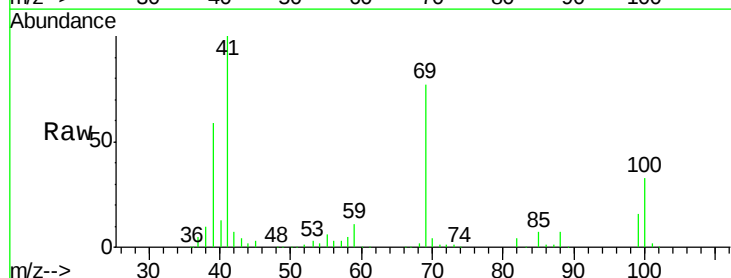
Manual Integrations
 APPROVED

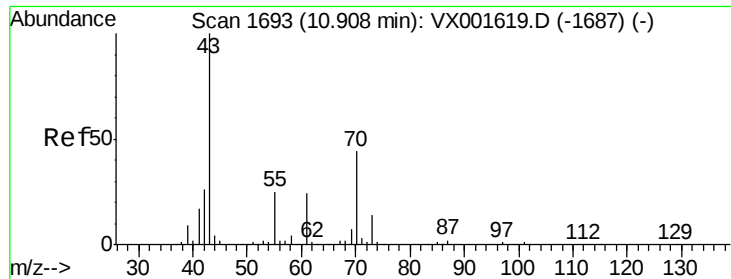
apatel
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#46
 Methyl methacrylate
 Concen: 18.85 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	74060		
69	77.0		38.4	115.2
39	59.2		29.0	87.1





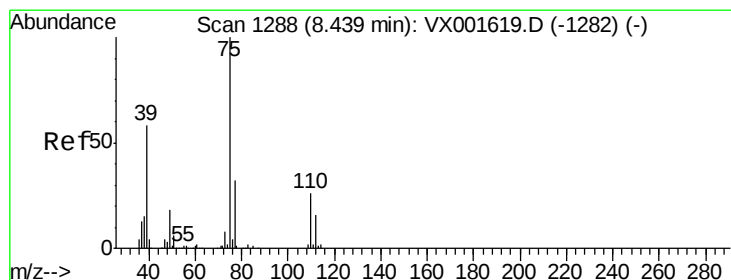
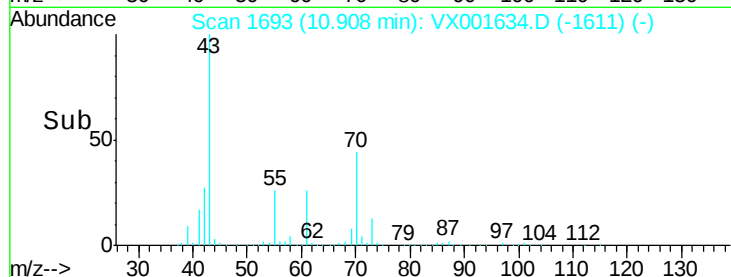
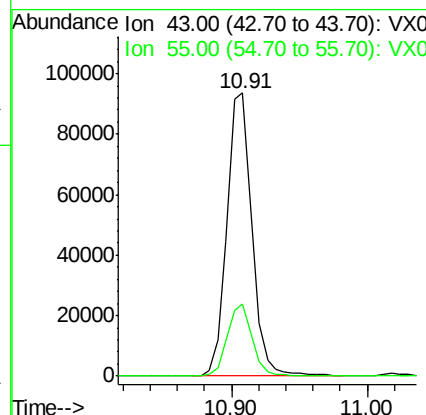
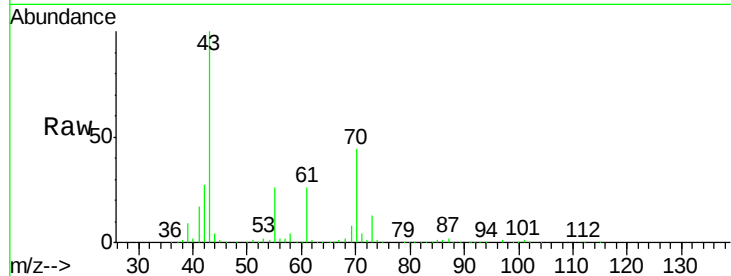
#47
n-amvl Acetate
Concen: 19.17 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	119095
Ion Ratio	100	Lower	Upper
43	100	20.8	31.2
55	25.7		

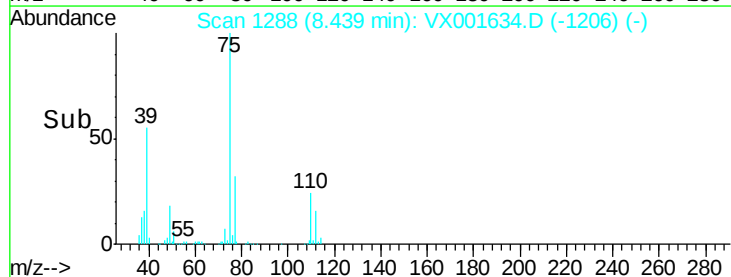
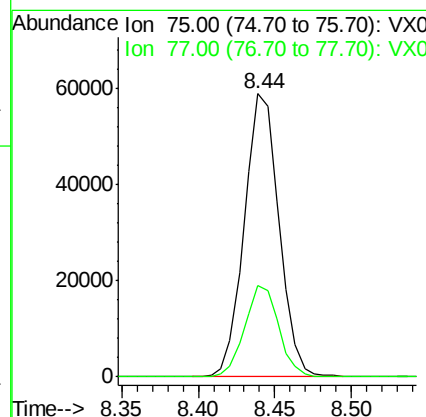
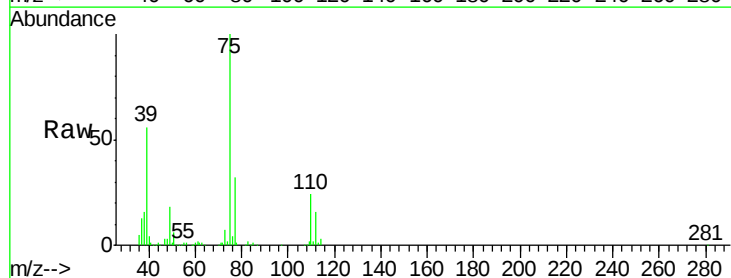
Manual Integrations
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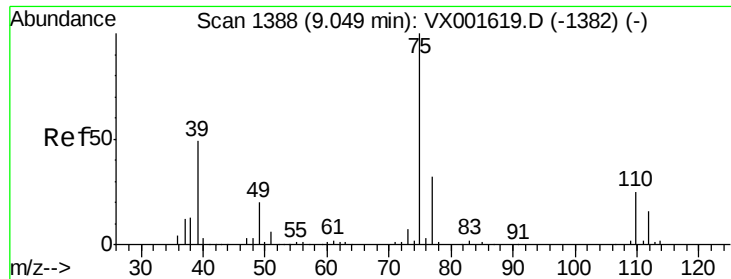
apatel
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#48
t-1,3-Dichloropropene
Concen: 20.63 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	75	Resp	92958
Ion Ratio	100	Lower	Upper
75	100	25.5	38.3
77	32.3		





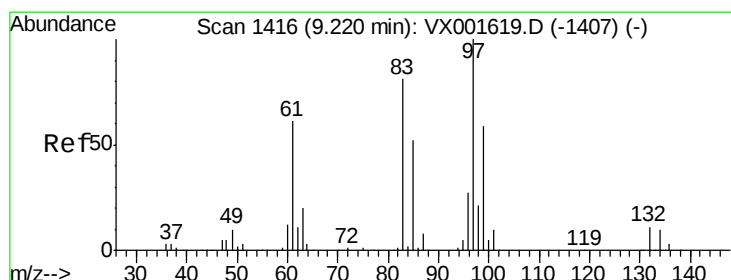
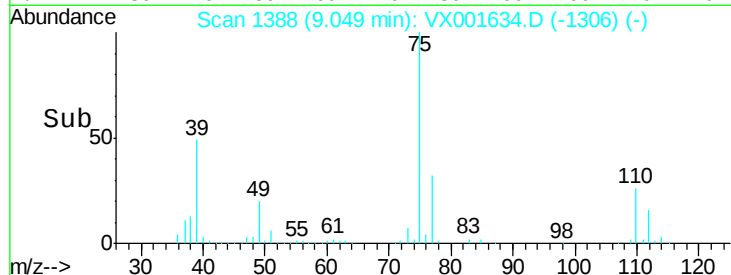
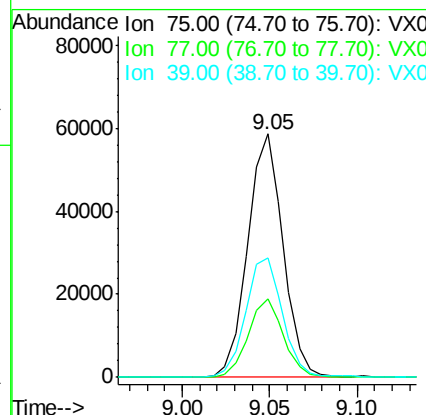
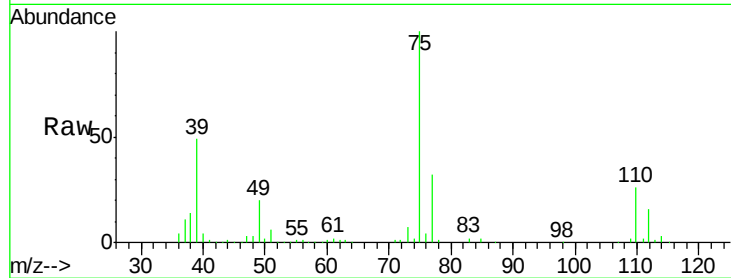
#49
 cis-1,3-Dichloropropene
 Concen: 20.63 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	49.1	39.4	59.0

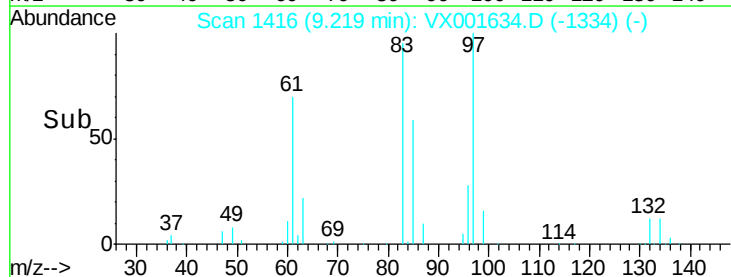
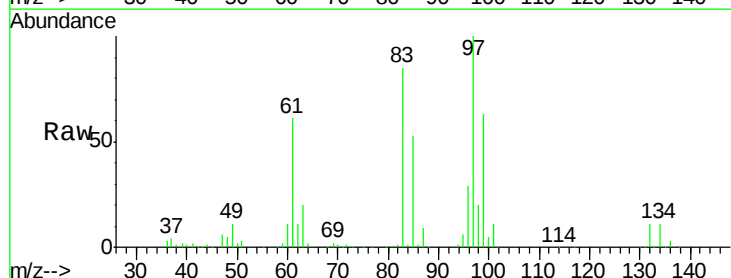
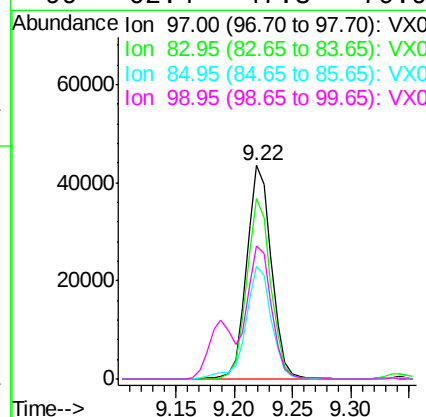
Manual Integrations
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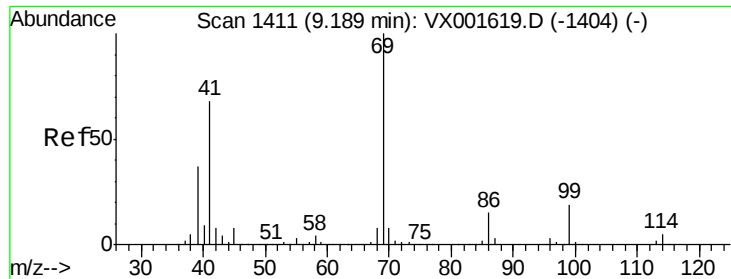
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#50
 1,1,2-Trichloroethane
 Concen: 20.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.0	97.6
85	52.6	41.5	62.3
99	62.4	47.3	70.9





#51

Ethyl methacrylate

Concen: 19.26 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

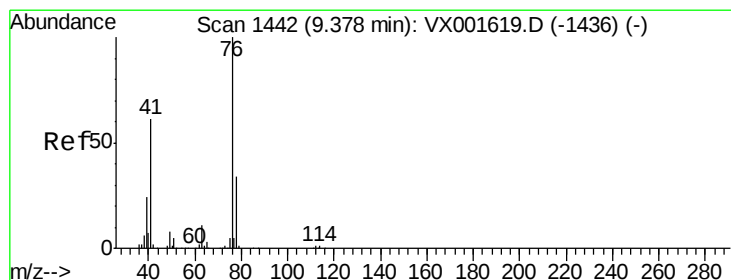
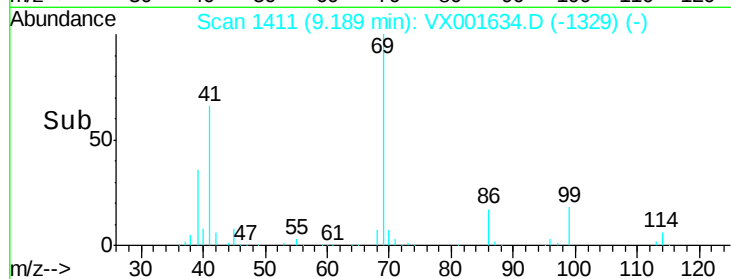
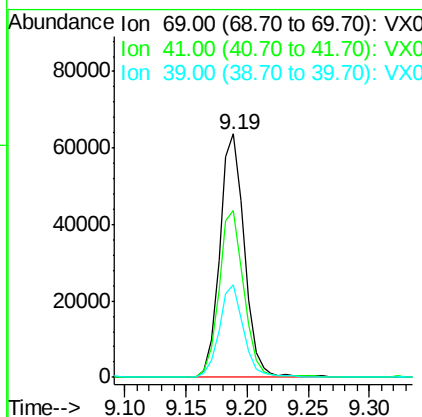
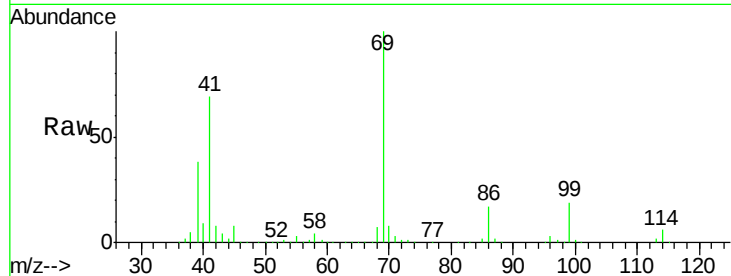
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	89206
Ion	Ratio	Lower	Upper
69	100		
41	68.4	33.9	101.6
39	37.6	18.4	55.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.92 ug/l

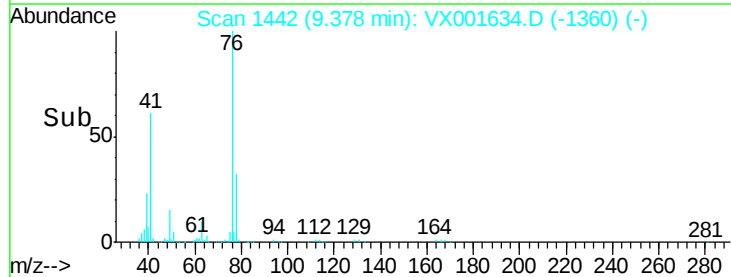
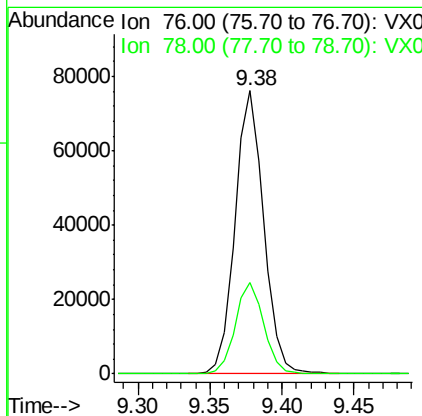
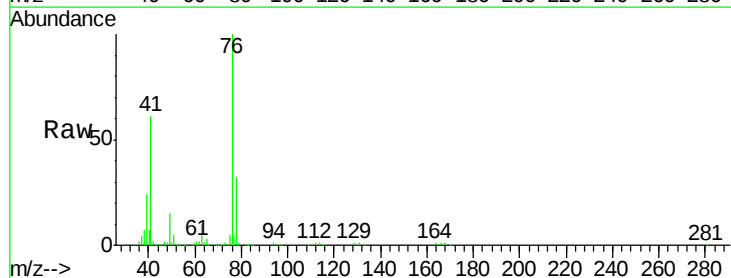
RT: 9.38 min Scan# 1442

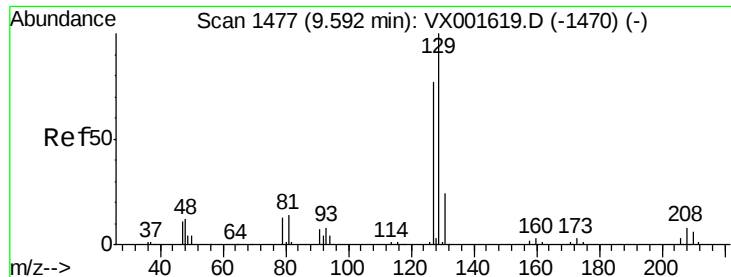
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	76	Resp:	105474
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.8





#53

Dibromochloromethane

Concen: 19.63 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 65501

Ion Ratio Lower Upper

129 100

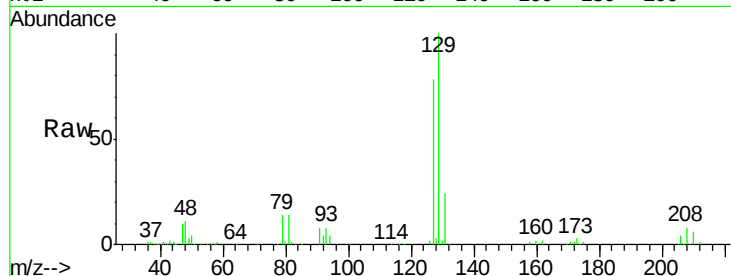
127 77.3 37.9 113.7

Manual Integrations

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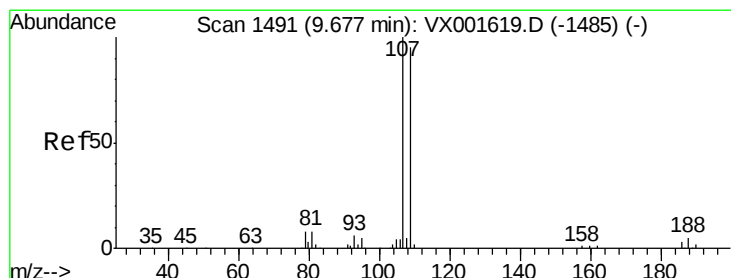
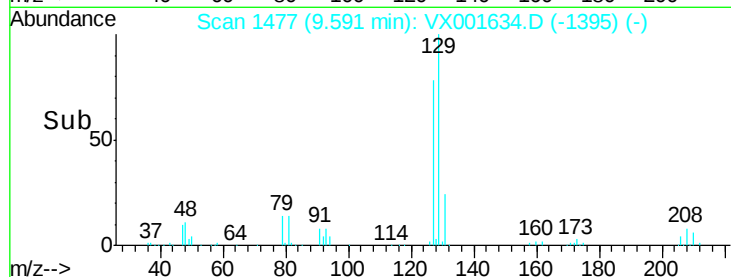
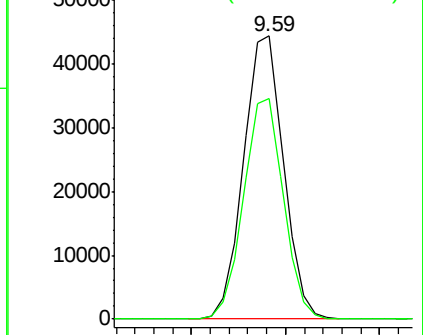
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001634.D

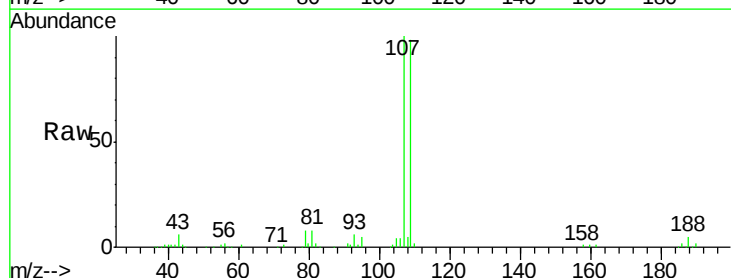
Acq: 11 May 2018 11:13

Tgt Ion:107 Resp: 66677

Ion Ratio Lower Upper

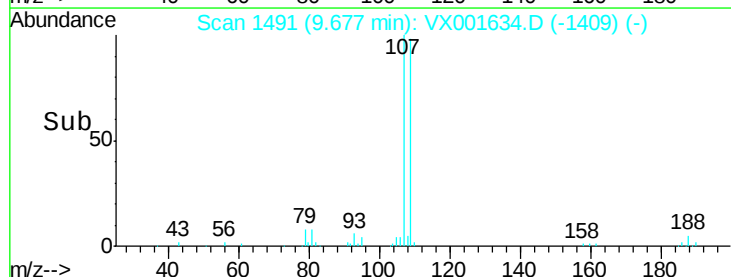
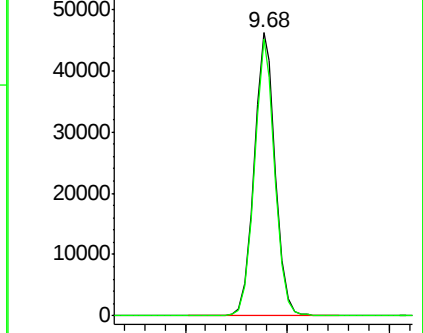
107 100

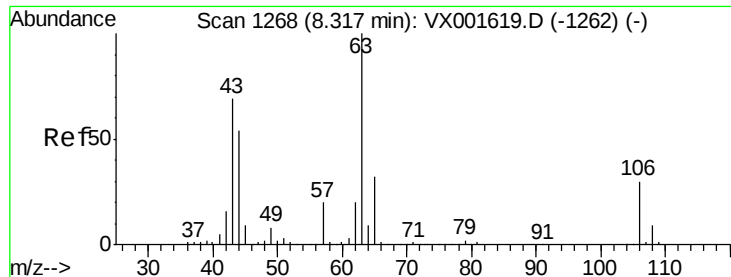
109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





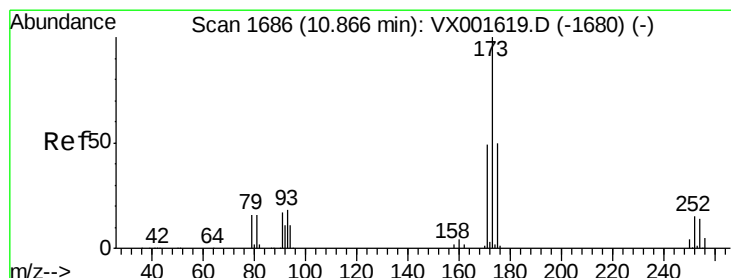
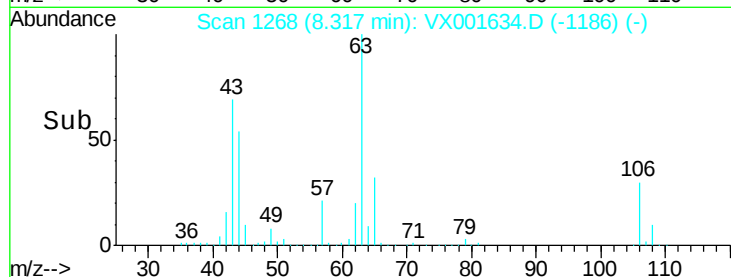
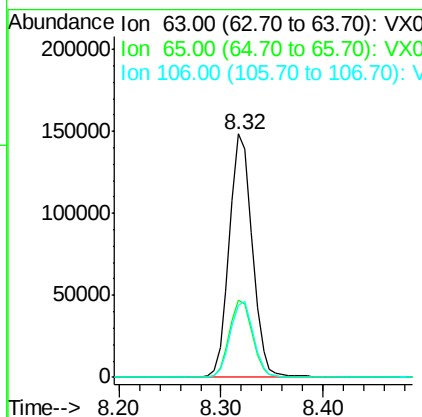
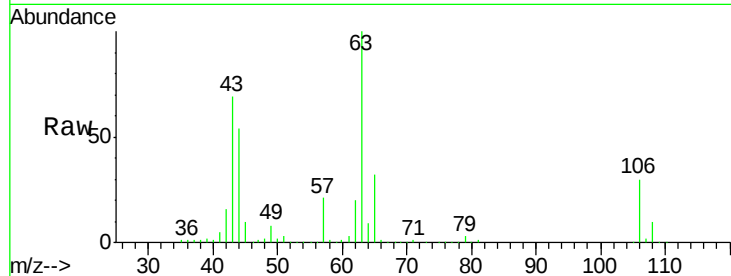
#55
2-Chloroethyl vinyl ether
Concen: 94.24 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	31.4	24.8	37.2

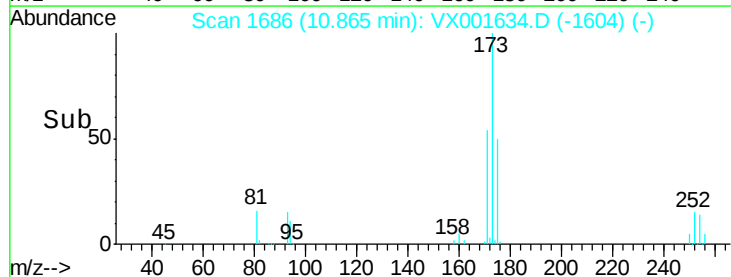
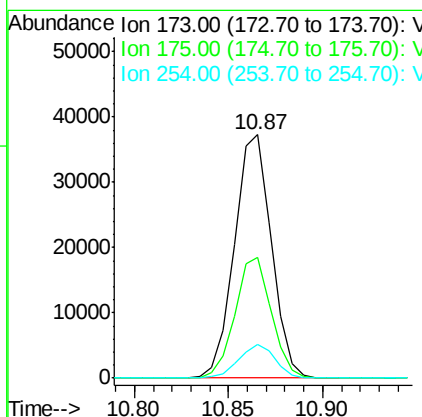
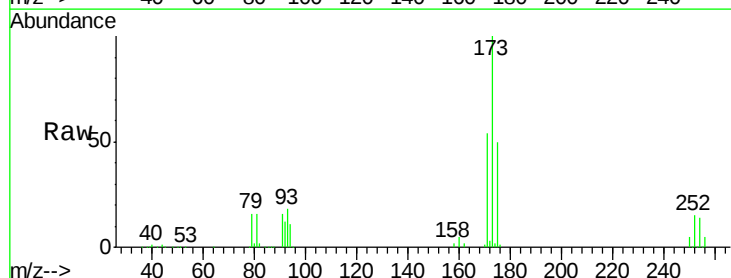
Manual Integrations
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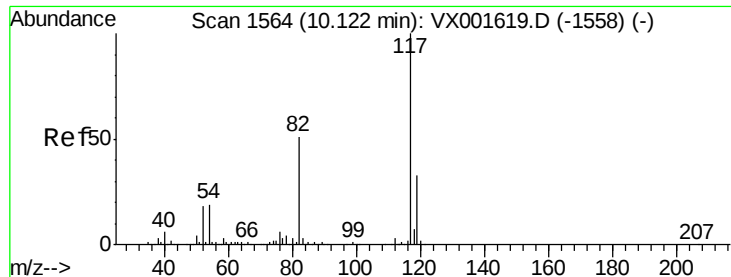
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#56
Bromoform
Concen: 18.63 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.8	59.8
254	13.5	10.7	16.1





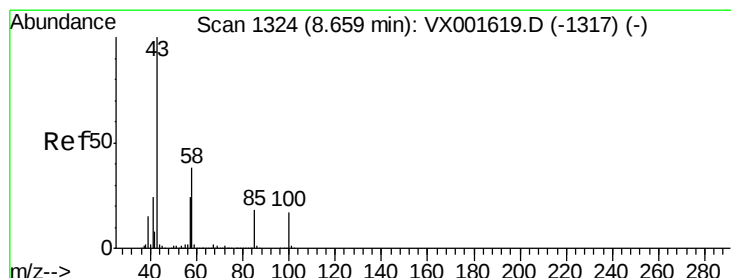
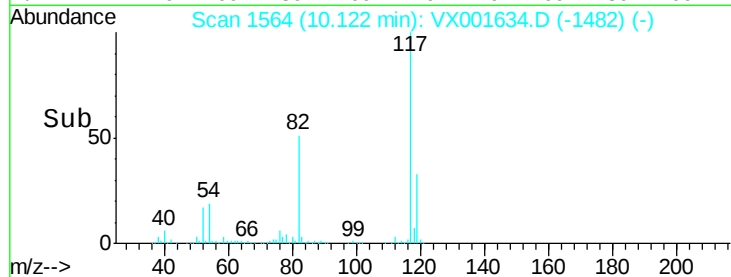
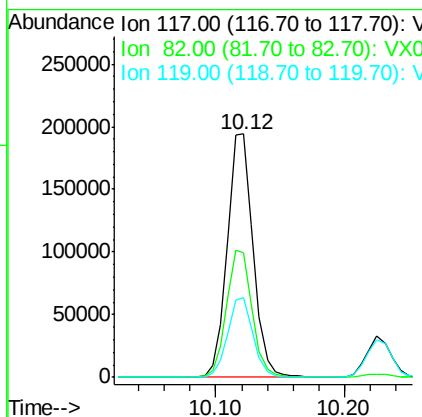
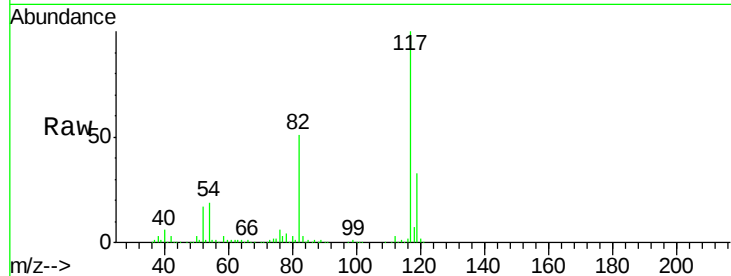
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	274497		
82	52.1		42.2	63.2
119	32.3		26.3	39.5

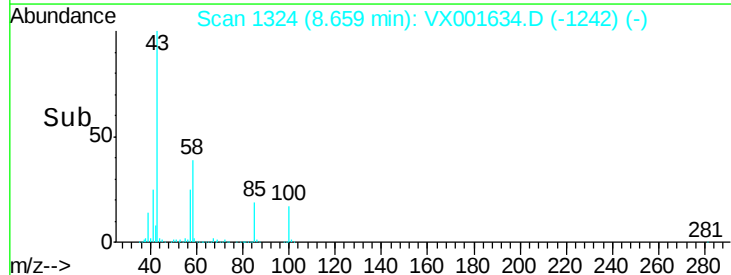
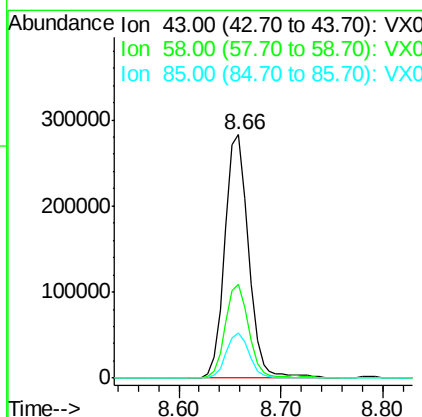
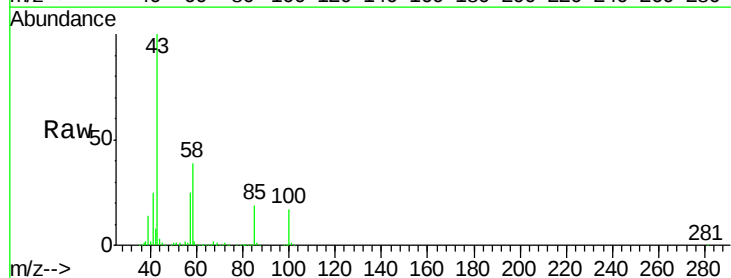
Manual Integrations
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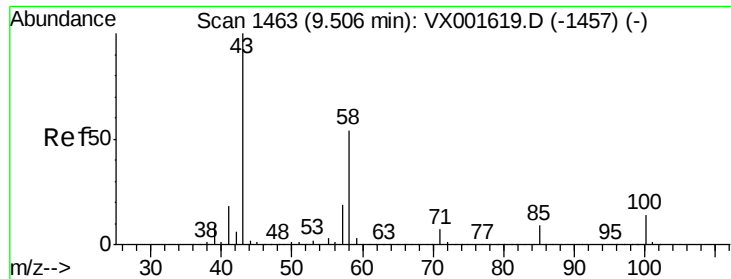
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#58
4-Methyl-2-Pentanone
Concen: 92.52 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	456797		
58	37.8		30.4	45.6
85	18.0		14.3	21.5





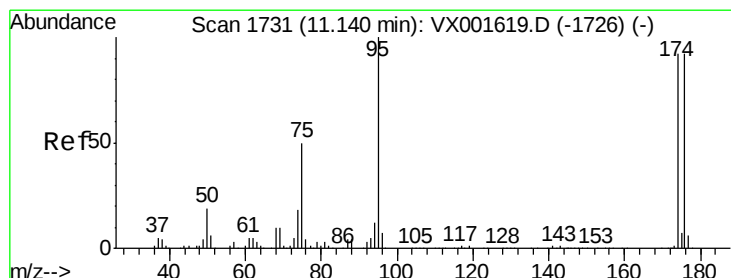
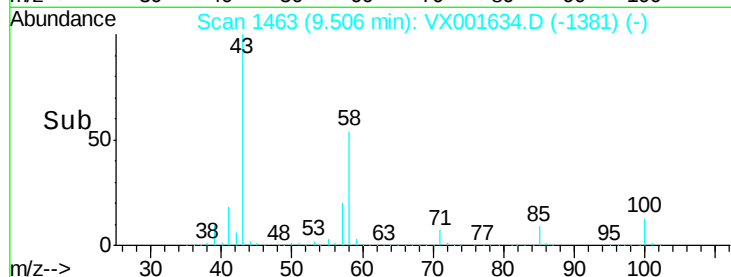
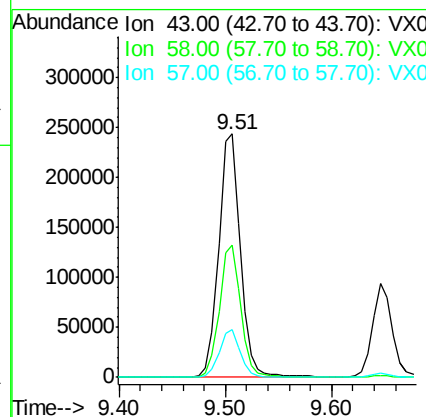
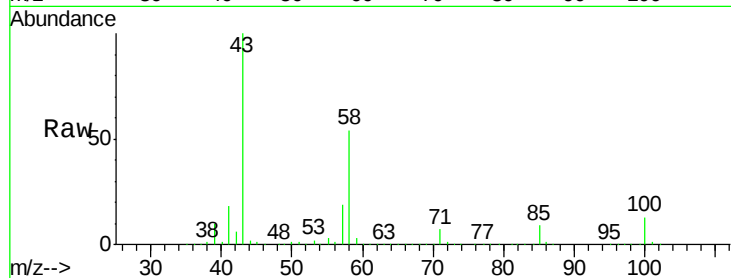
#59
2-Hexanone
Concen: 92.61 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	43.0	64.4
57	18.8	15.4	23.0

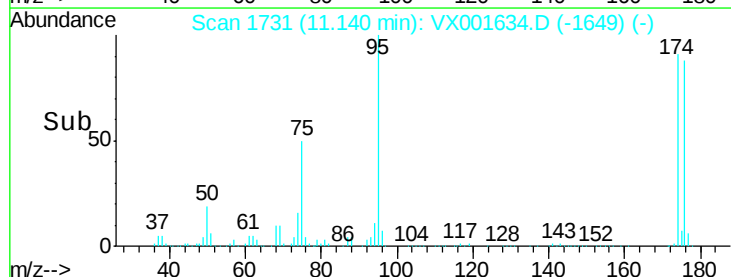
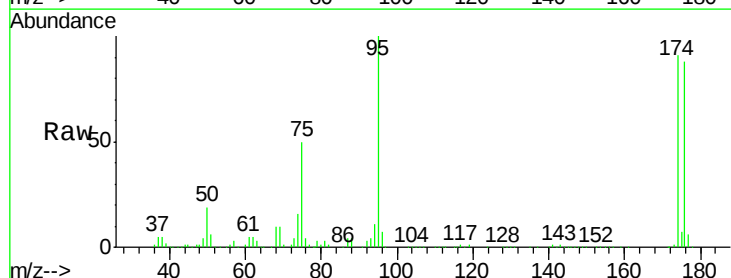
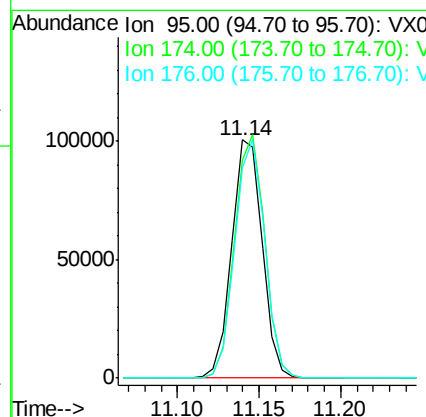
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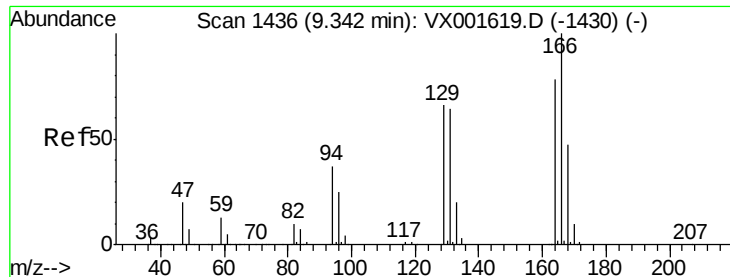
apatel
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#60
4-Bromofluorobenzene
Concen: 30.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.2	80.2	120.2
176	98.4	79.2	118.8





#61

Tetrachloroethene

Concen: 21.60 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 86252

Ion Ratio Lower Upper

164 100

166 129.0 102.8 154.2

129 84.1 67.8 101.8

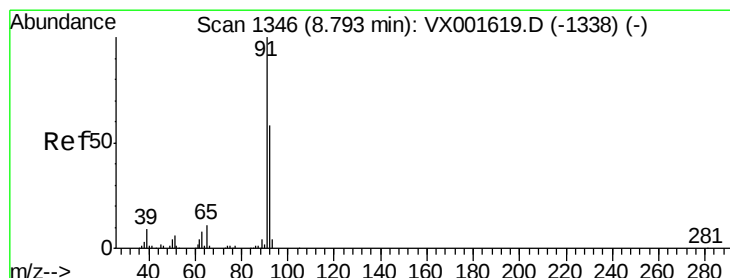
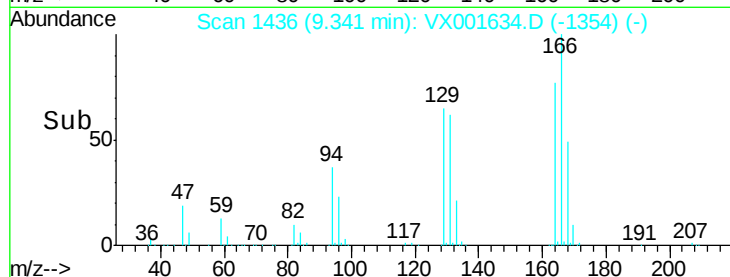
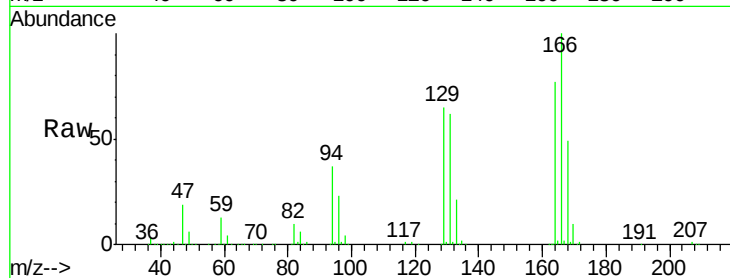
131 79.5 66.2 99.2

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#62

Toluene

Concen: 20.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001634.D

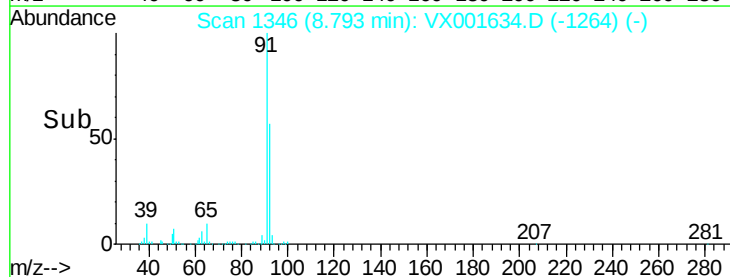
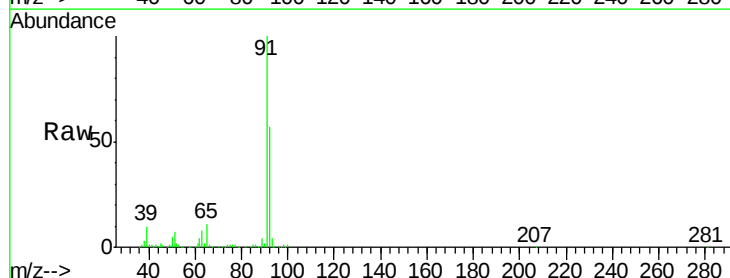
Acq: 11 May 2018 11:13

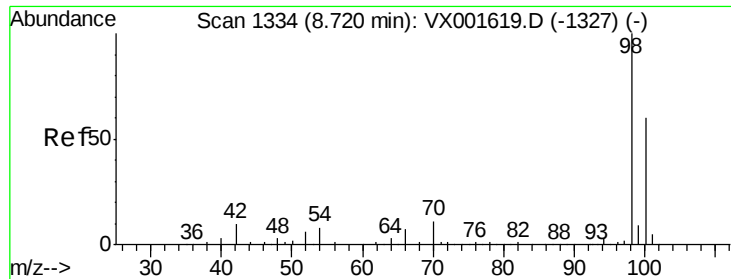
Tgt Ion: 91 Resp: 272813

Ion Ratio Lower Upper

91 100

92 58.4 47.4 71.0





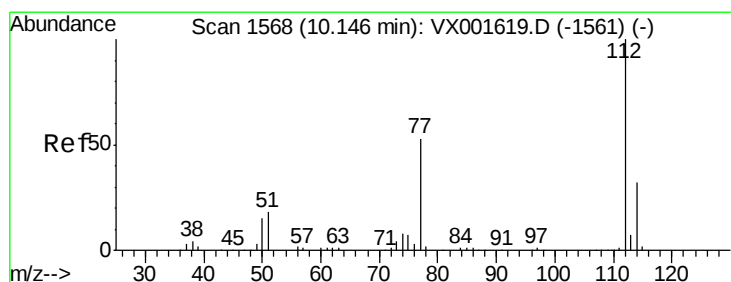
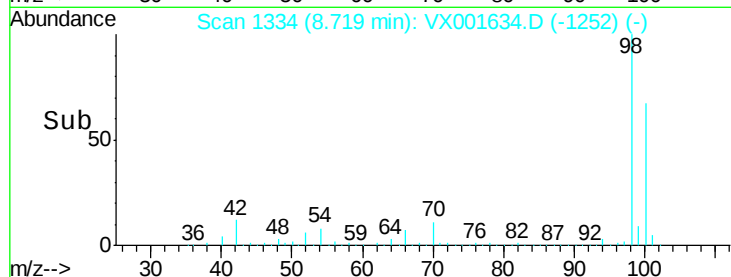
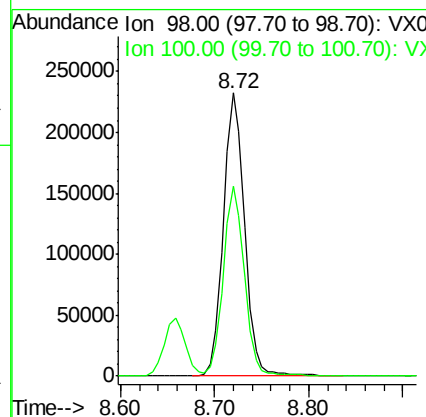
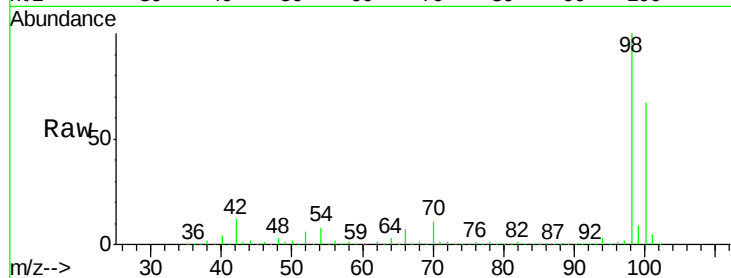
#63
Toluene-d8
Concen: 29.66 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 363141
Ion Ratio Lower Upper
98 100
100 67.1 52.2 78.2

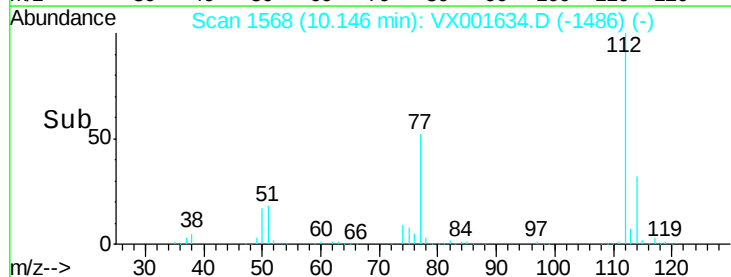
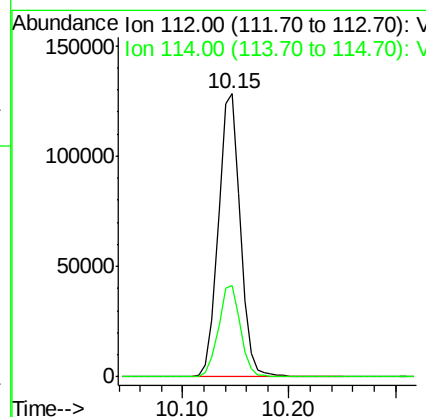
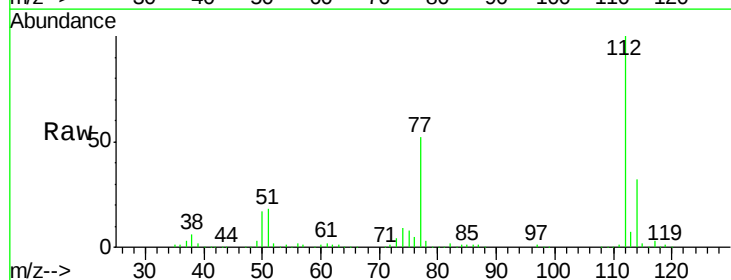
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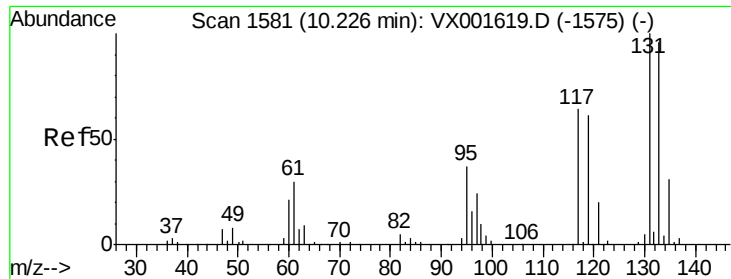
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#64
Chlorobenzene
Concen: 20.91 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion: 112 Resp: 181405
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9





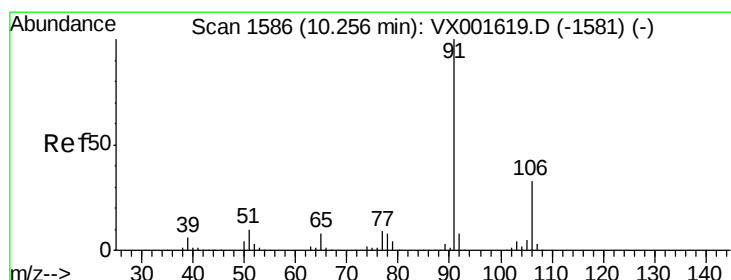
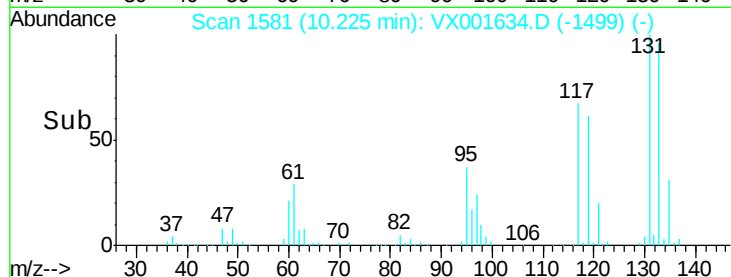
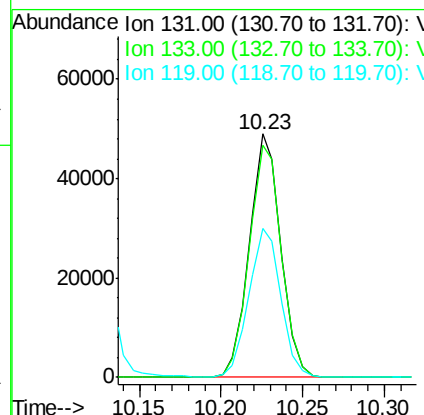
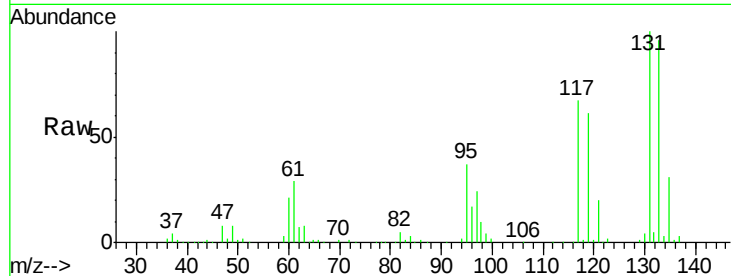
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.04 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
131	100	65686		
133	97.8	0.0	191.4	
119	62.3	0.0	124.2	

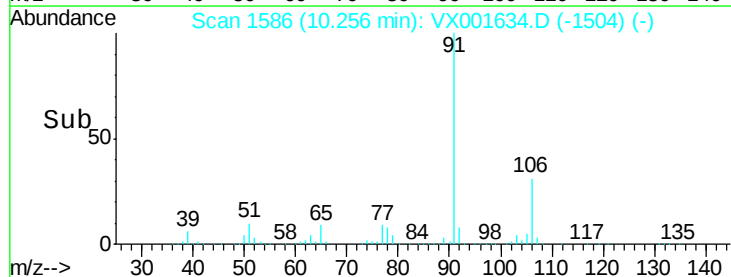
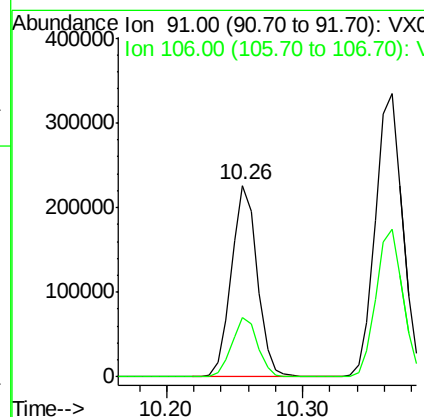
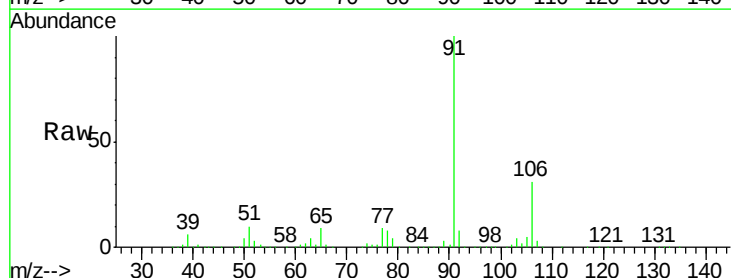
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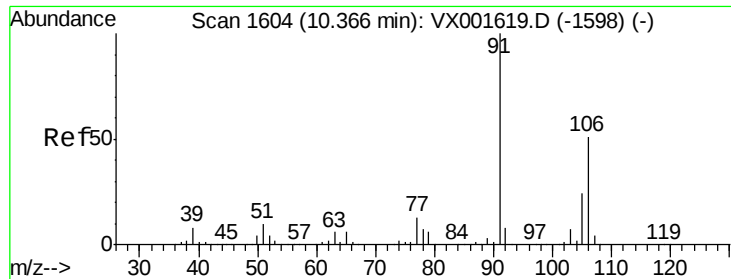
apatel
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#66
 Ethyl Benzene
 Concen: 21.85 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	299439		
106	31.2	26.2	39.4	





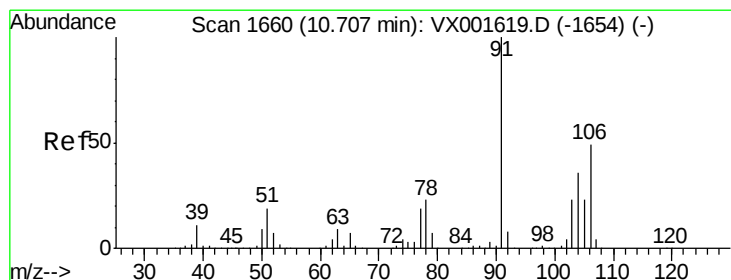
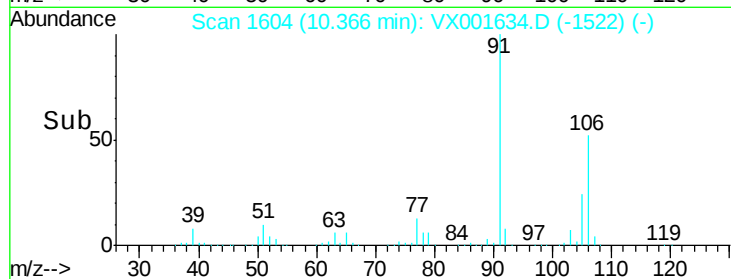
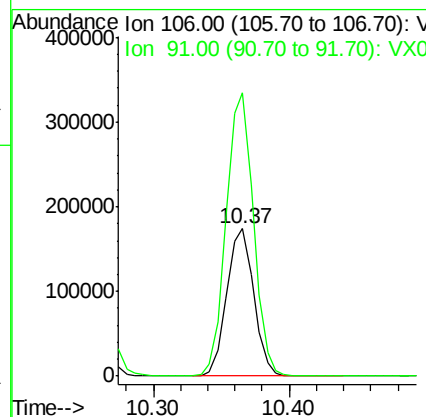
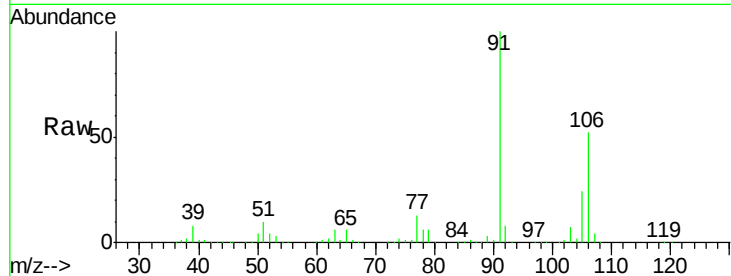
#67
m/p-Xvlenes
Concen: 43.94 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 240426
Ion Ratio Lower Upper
106 100
91 192.3 157.8 236.8

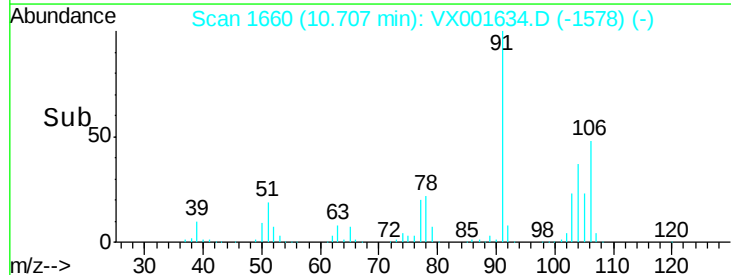
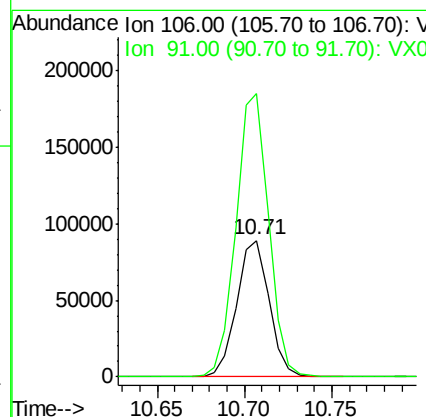
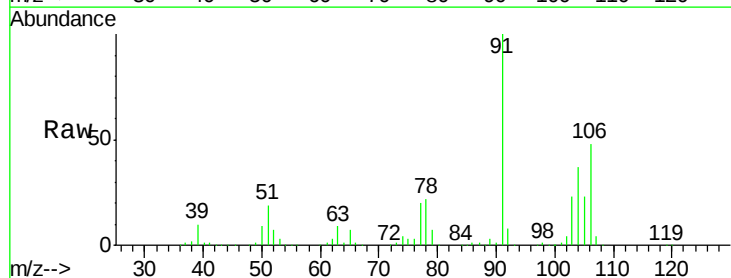
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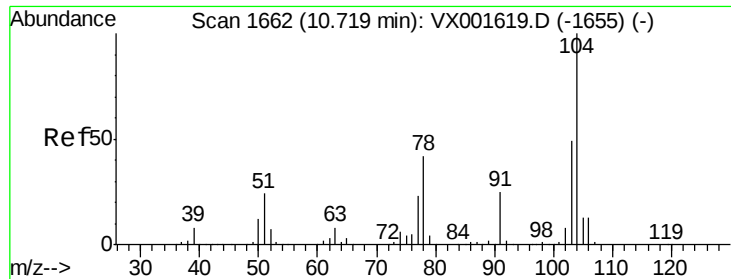
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#68
o-Xylene
Concen: 21.22 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion:106 Resp: 114853
Ion Ratio Lower Upper
106 100
91 208.8 104.3 312.8





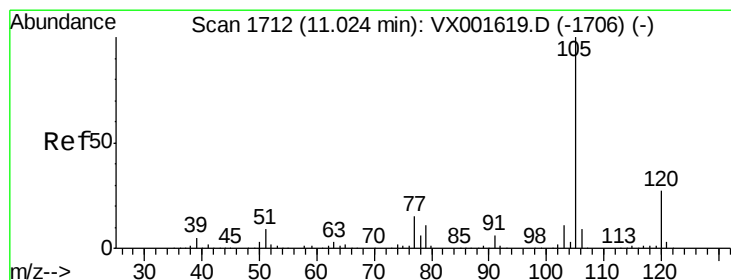
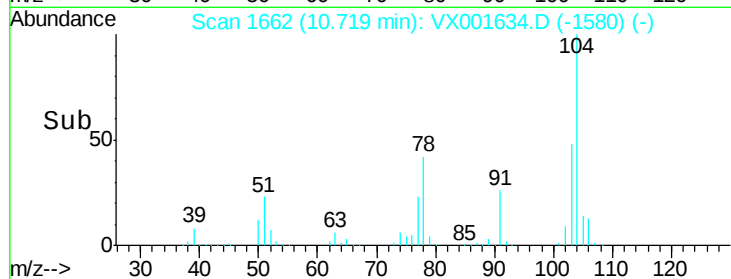
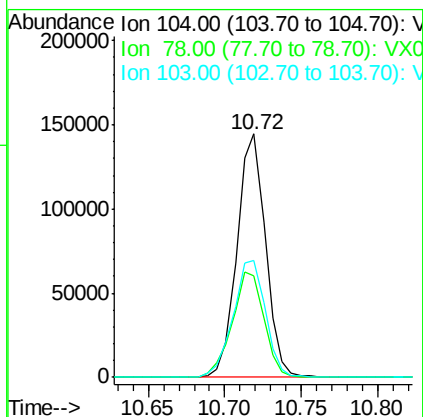
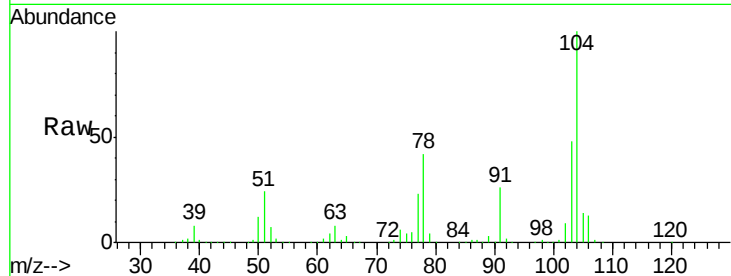
#69
Stvrene
Concen: 20.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	186578		
78	48.5	39.3	58.9	
103	54.6	43.7	65.5	

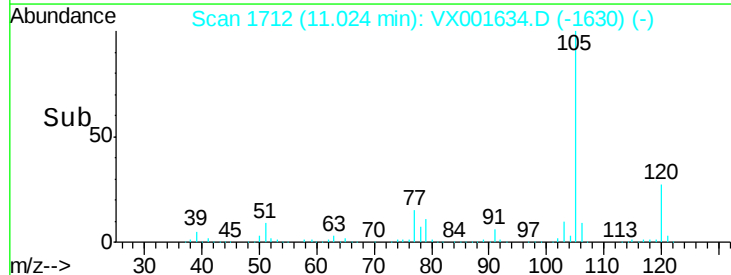
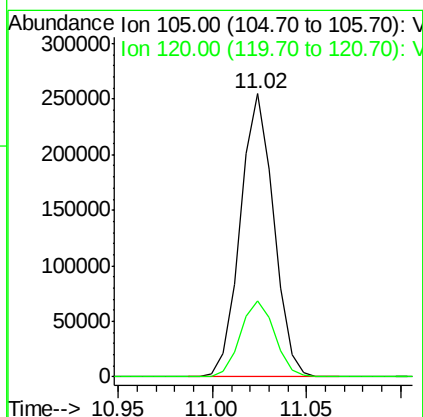
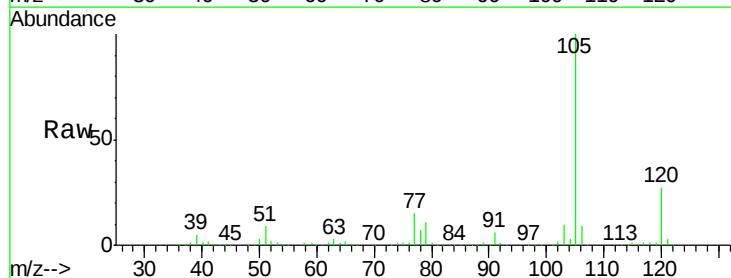
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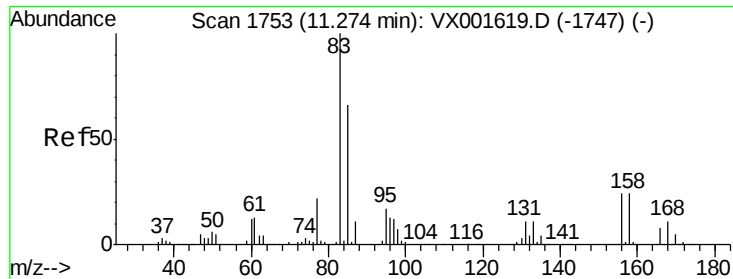
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#70
Isopropylbenzene
Concen: 22.47 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313399		
120	27.3	19.1	35.5	





#71

1,1,2,2-Tetrachloroethane

Concen: 19.07 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

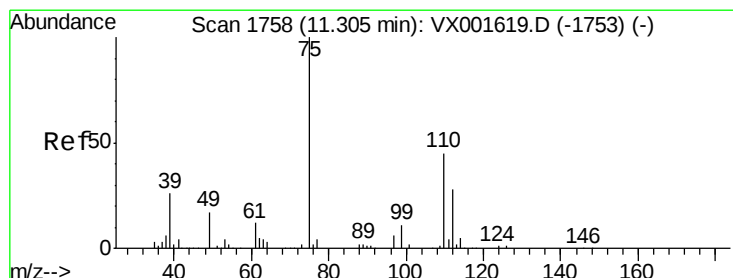
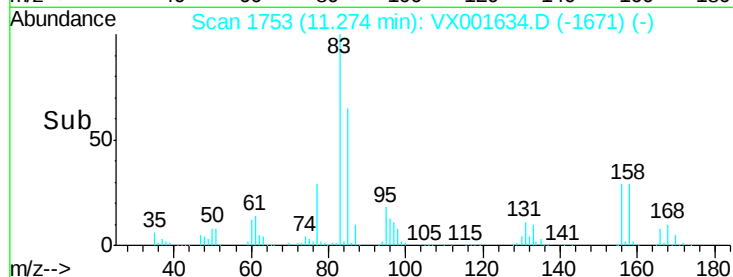
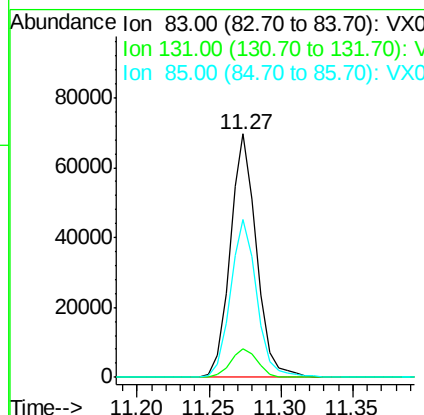
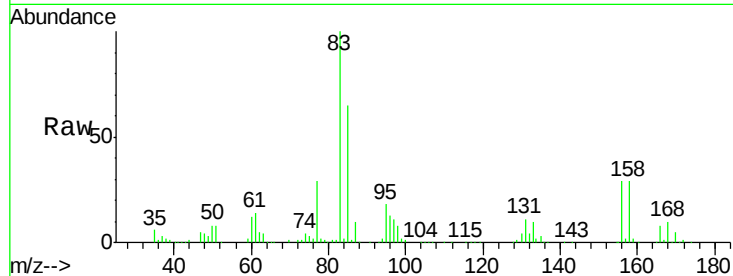
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	89202
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.8	17.4
85	65.1	32.4	97.2

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#72

1,2,3-Trichloropropane

Concen: 19.19 ug/l m

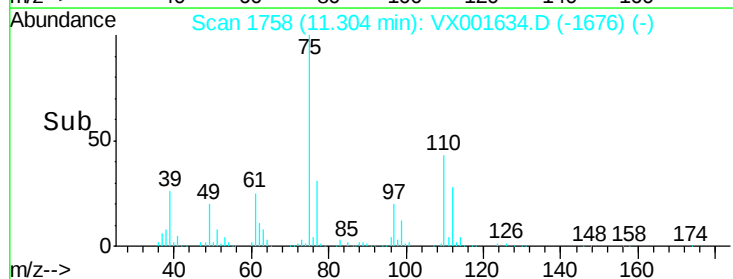
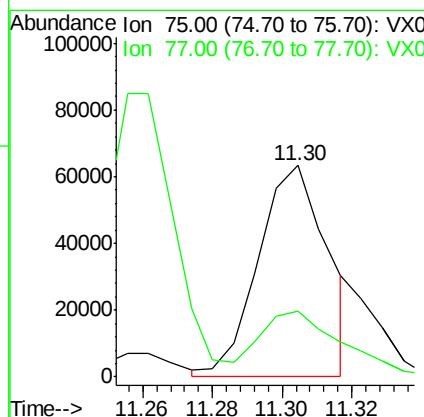
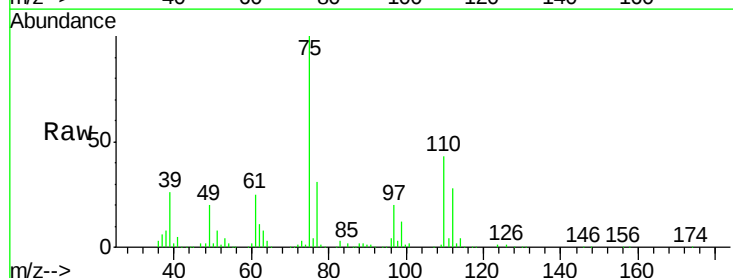
RT: 11.30 min Scan# 1758

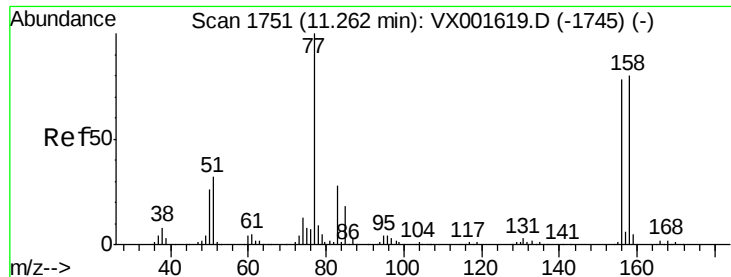
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	75	Resp:	86980
Ion Ratio	Lower	Upper	
75	100		
77	37.0	0.0	73.2





#73

Bromobenzene

Concen: 20.62 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

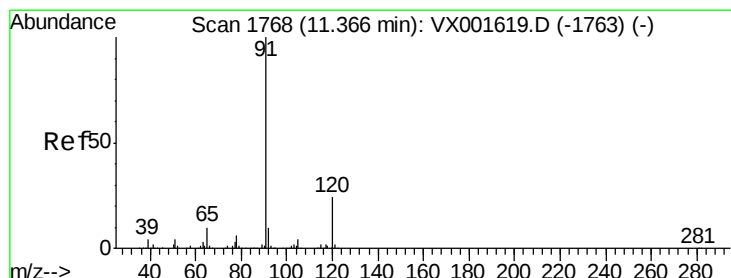
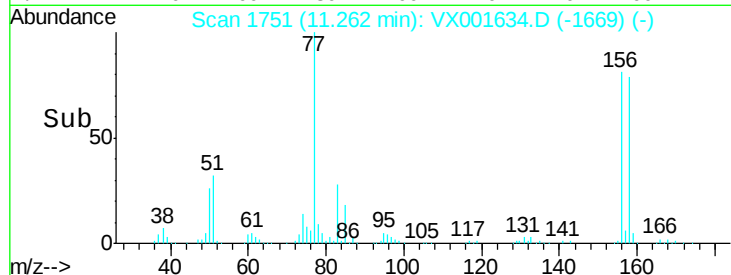
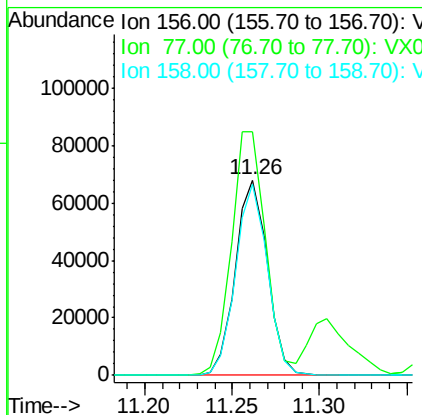
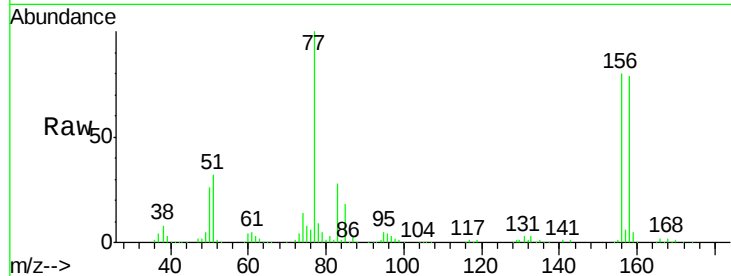
VSTDCCC020EC

Tot Ion:	156	Resp:	87152
Ion Ratio	Lower	Upper	
156	100		
77	133.1	0.0	266.4
158	96.9	0.0	194.4

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#74

n-propylbenzene

Concen: 22.86 ug/l

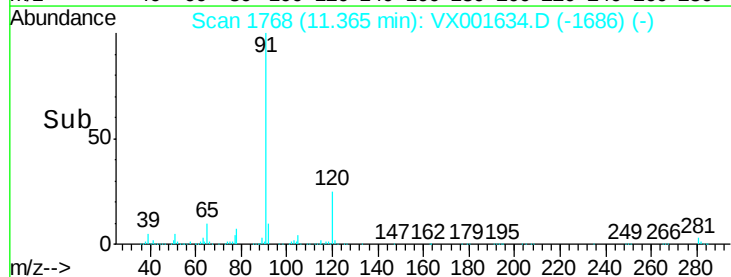
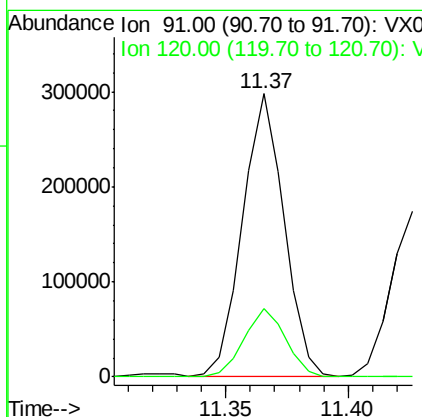
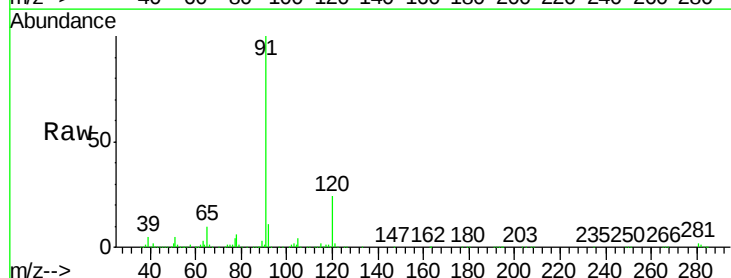
RT: 11.37 min Scan# 1768

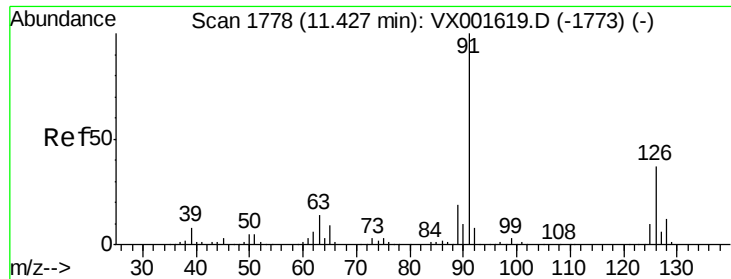
Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Tgt Ion:	91	Resp:	350889
Ion Ratio	Lower	Upper	
91	100		
120	24.3	0.0	48.0





#75

2-Chlorotoluene

Concen: 21.87 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 210621

Ion Ratio Lower Upper

91 100

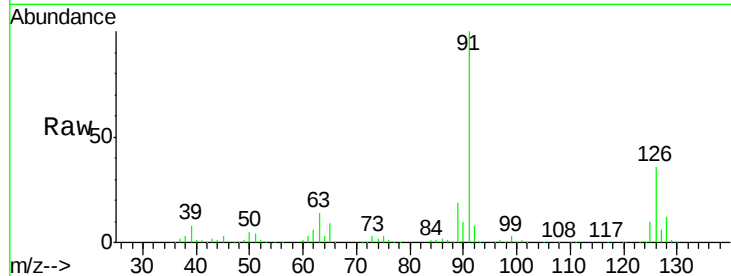
126 36.3 0.0 72.0

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Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)

300000

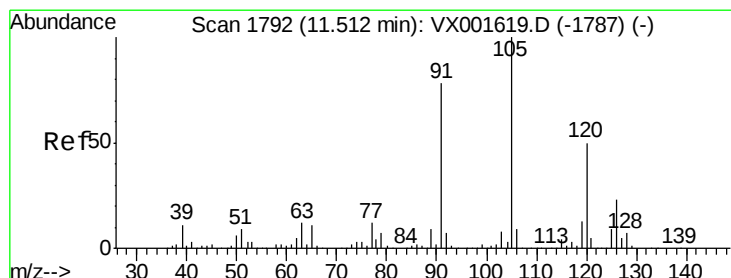
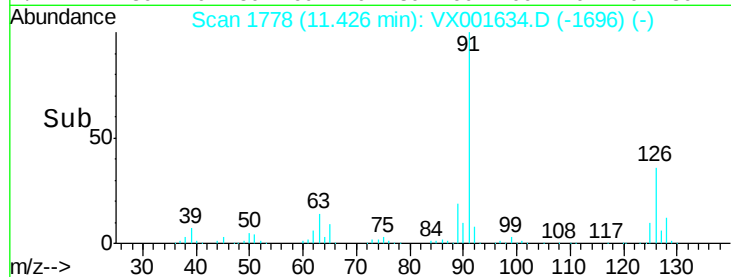
200000

100000

0

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 22.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001634.D

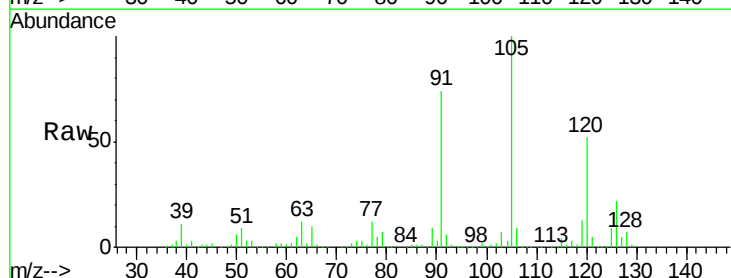
Acq: 11 May 2018 11:13

Tgt Ion: 105 Resp: 263445

Ion Ratio Lower Upper

105 100

120 51.3 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)

250000

200000

150000

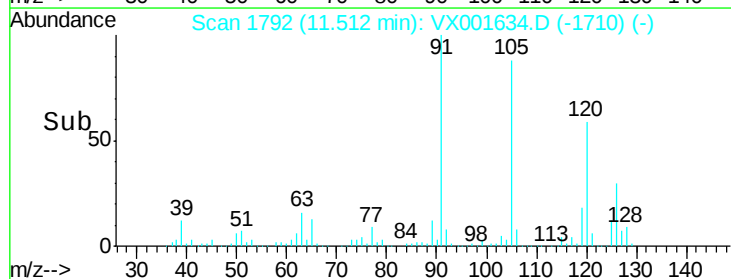
100000

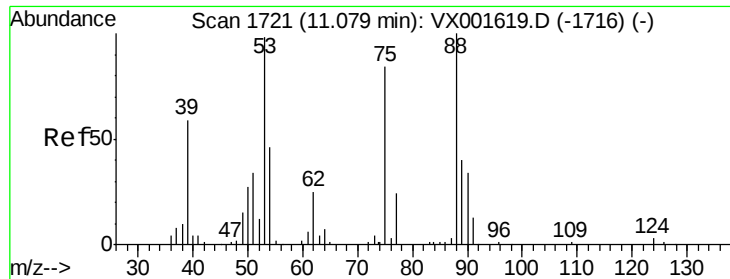
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001634.D

Acq: 11 May 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 22325

Ion Ratio Lower Upper

75 100

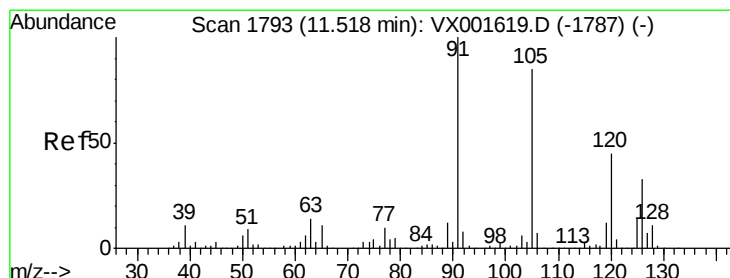
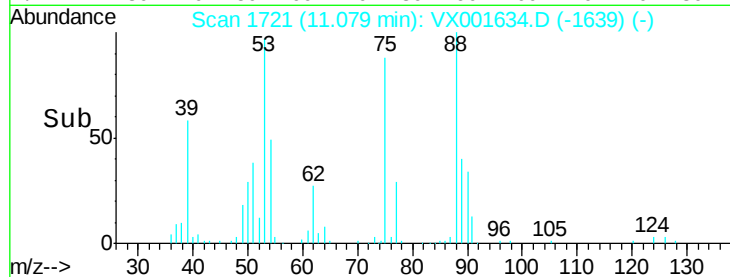
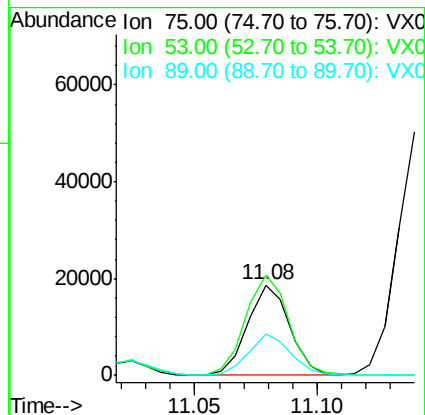
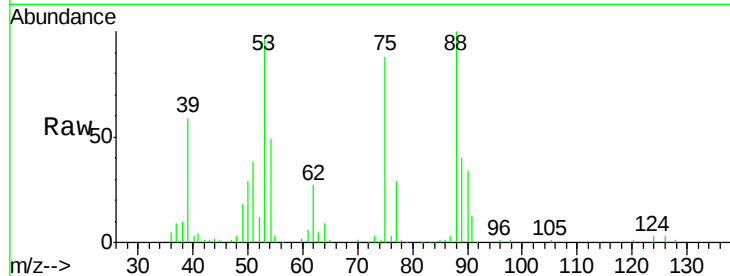
53 110.5 58.3 174.8

89 45.7 23.9 71.8

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#78

4-Chlorotoluene

Concen: 22.28 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001634.D

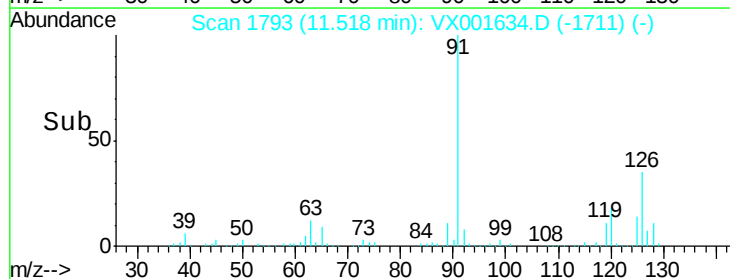
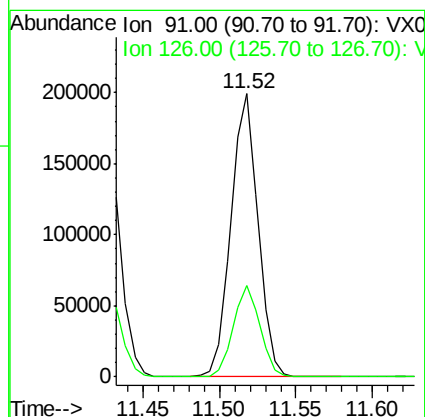
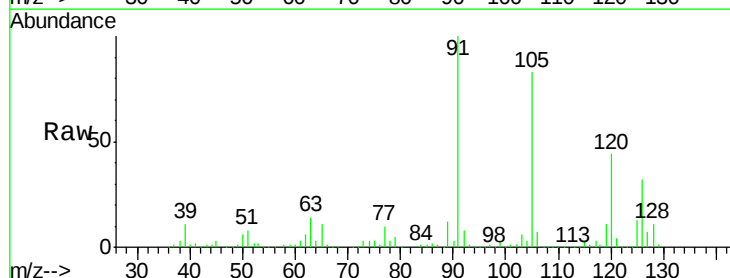
Acq: 11 May 2018 11:13

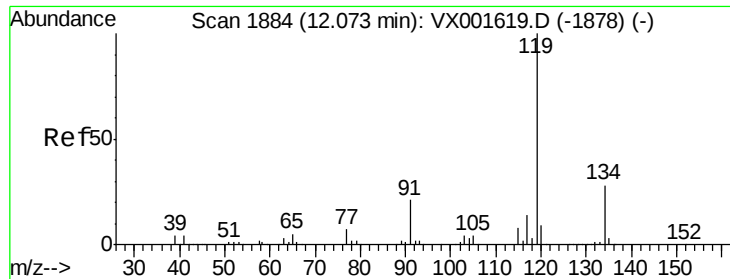
Tgt Ion: 91 Resp: 243925

Ion Ratio Lower Upper

91 100

126 31.7 0.0 64.8





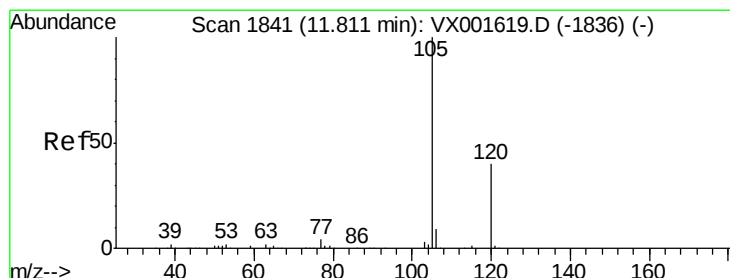
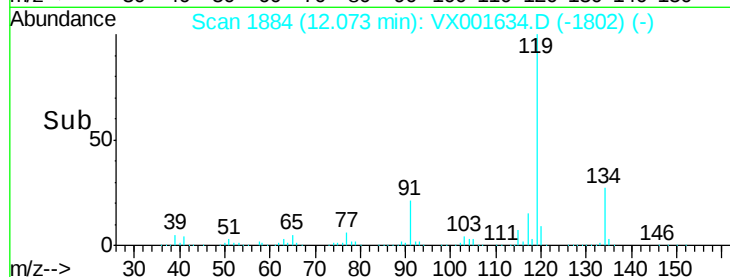
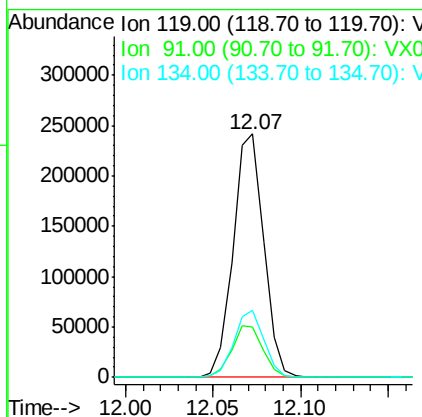
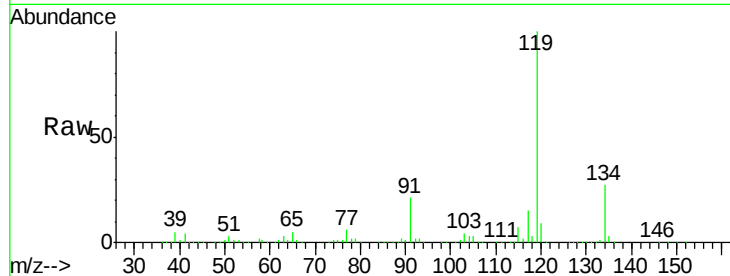
#79
tert-butylbenzene
Concen: 23.58 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	292785		
91	21.6	0.0	44.0	
134	27.0	0.0	53.8	

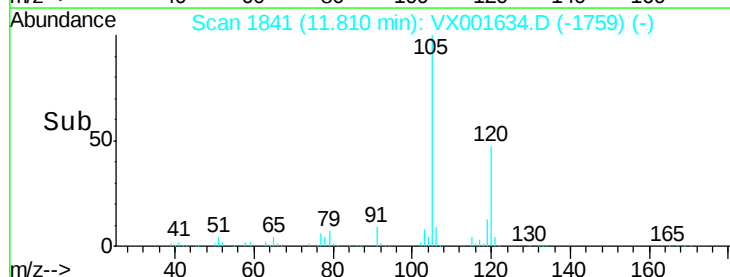
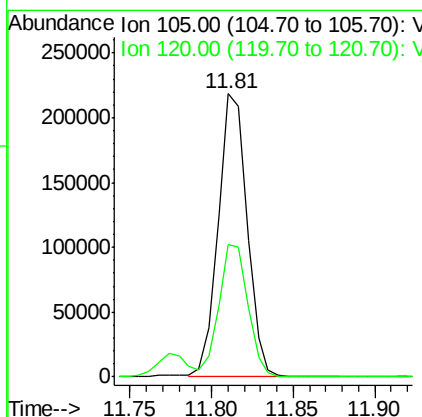
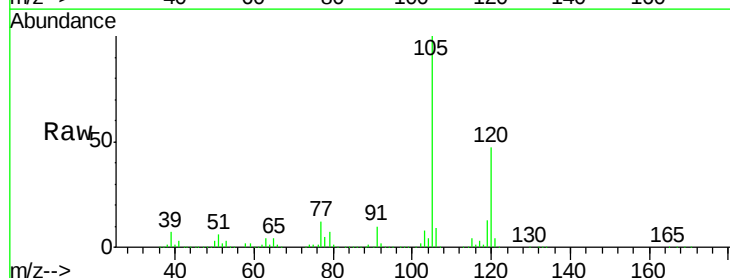
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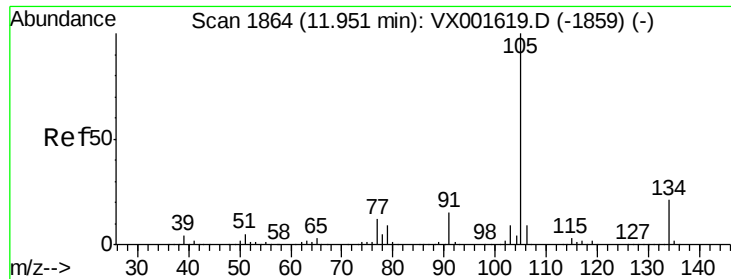
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 22.55 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270243		
120	47.0	0.0	94.0	





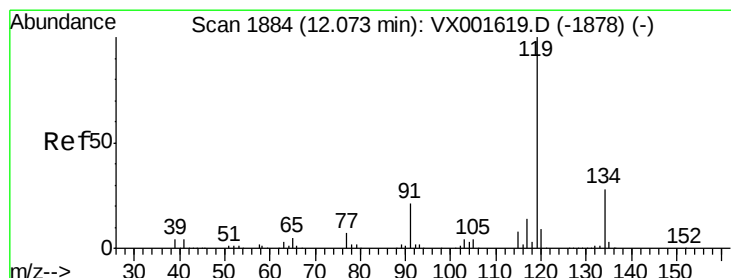
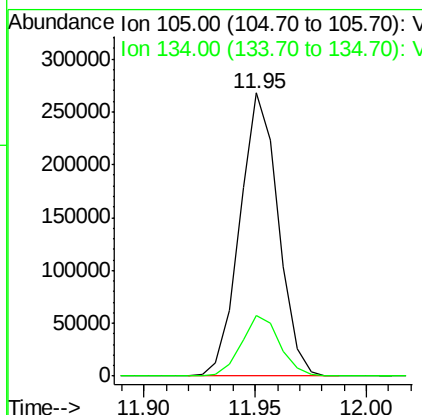
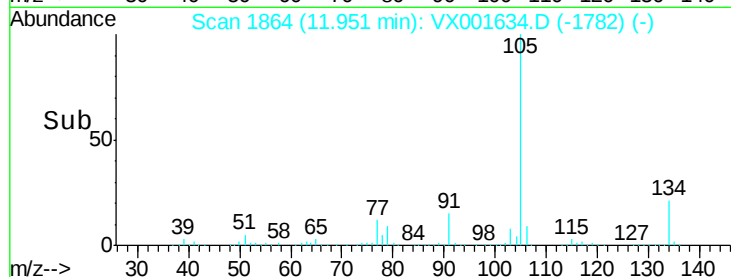
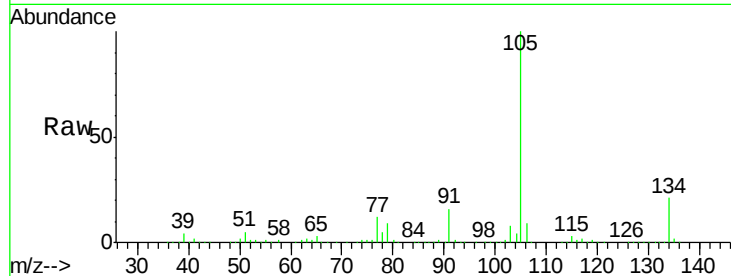
#81
 sec-Butylbenzene
 Concen: 23.66 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	0.0	43.4

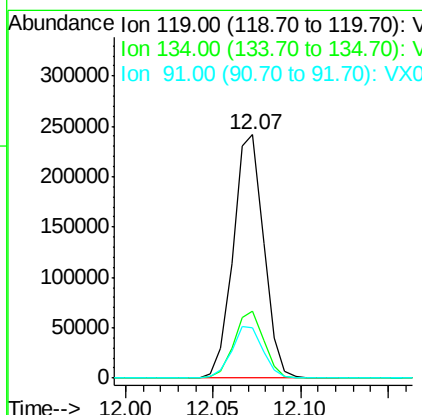
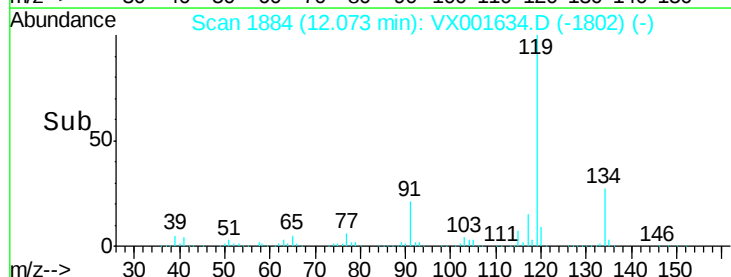
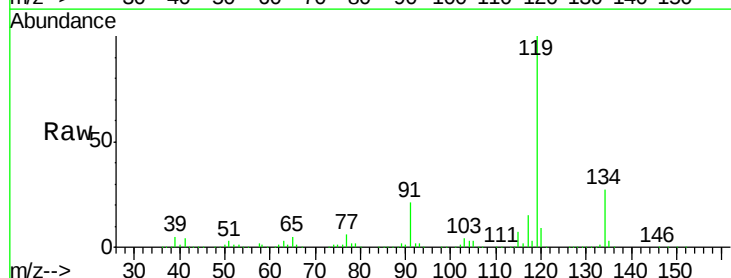
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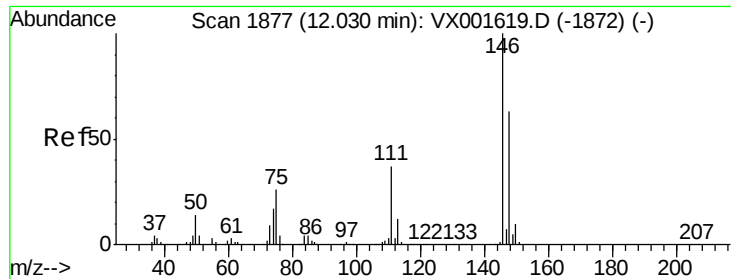
apatel
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#82
 p-Isopropyltoluene
 Concen: 23.58 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.8
91	21.6	0.0	44.0





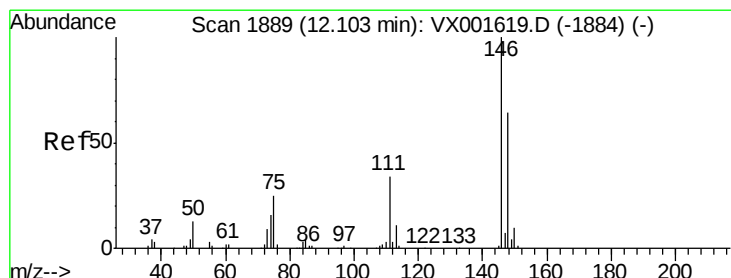
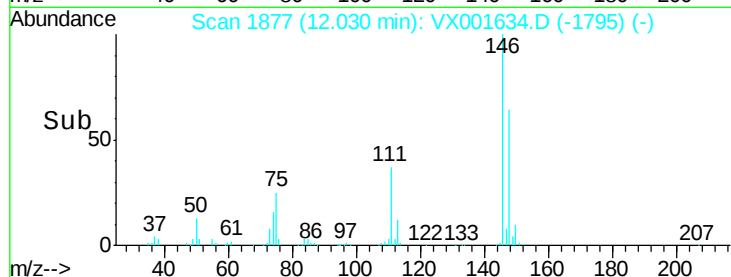
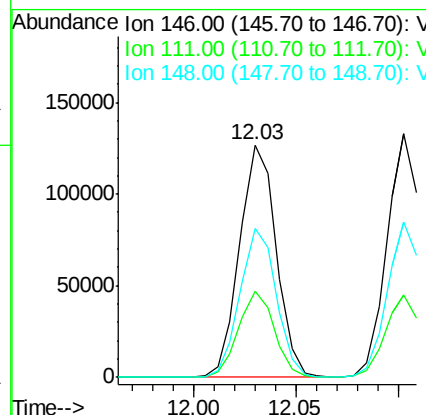
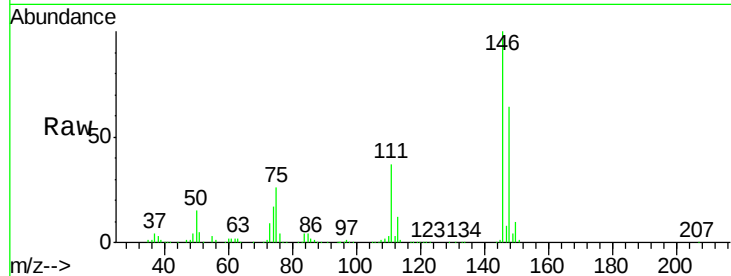
#83
 1,3-Dichlorobenzene
 Concen: 21.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	63.6	32.2	96.6

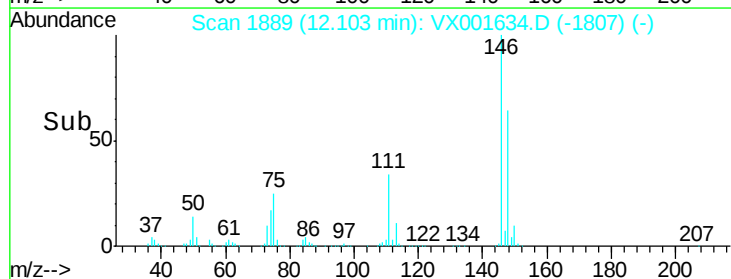
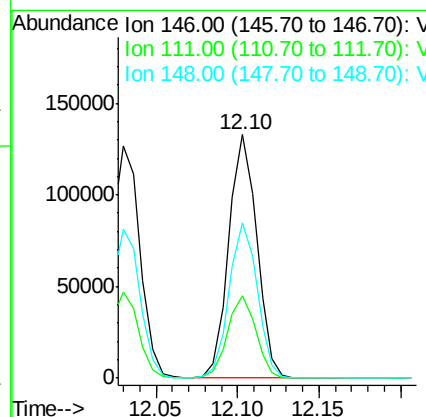
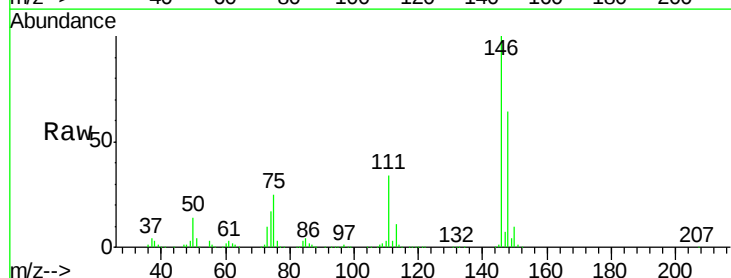
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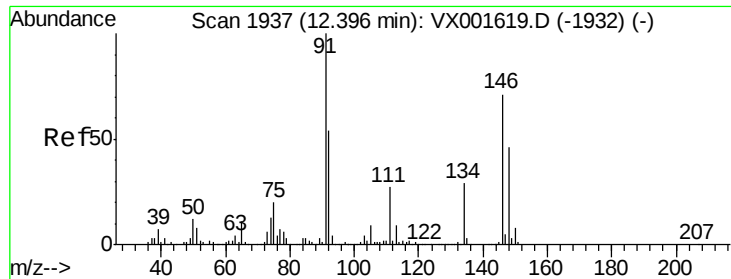
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#84
 1,4-Dichlorobenzene
 Concen: 21.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.4	52.3
148	63.7	32.5	97.4





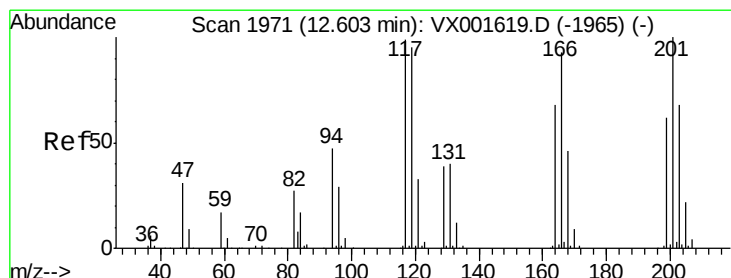
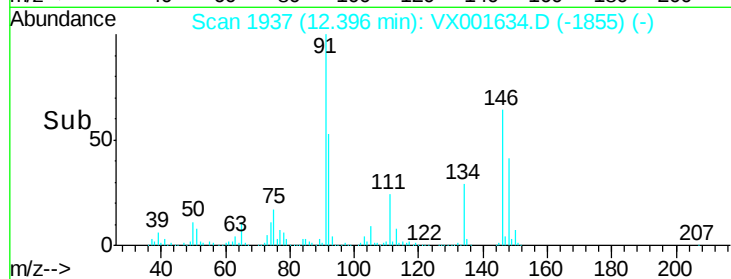
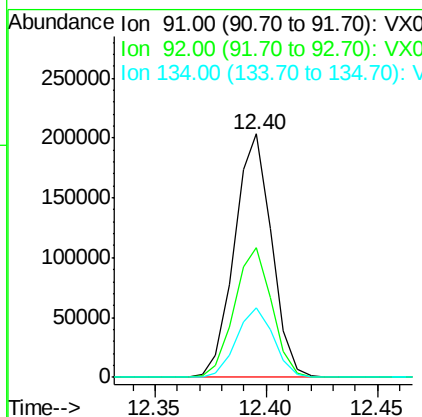
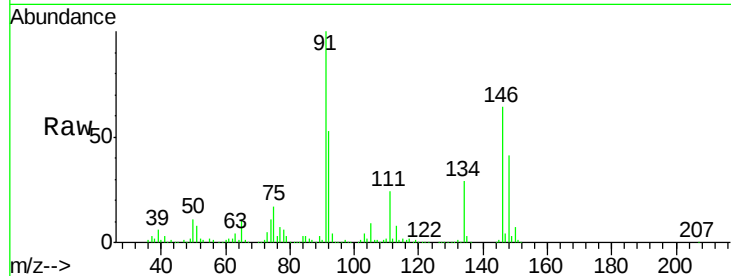
#85
n-Butylbenzene
Concen: 23.95 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	236516		
92	53.7	0.0	107.8	
134	28.6	0.0	56.8	

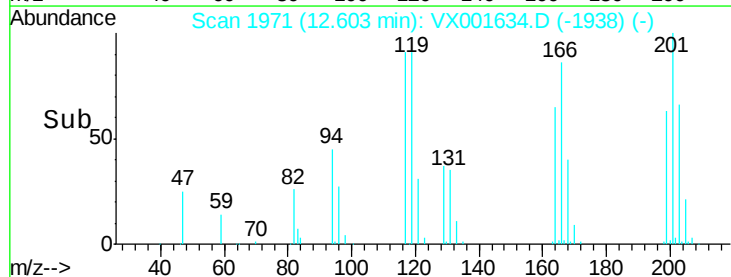
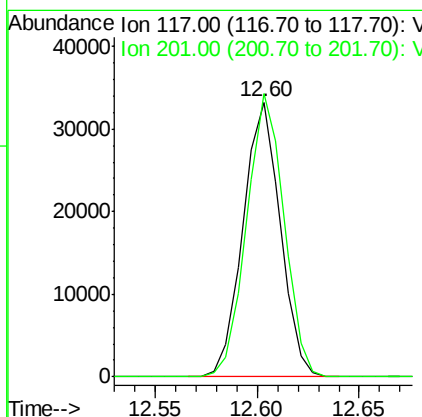
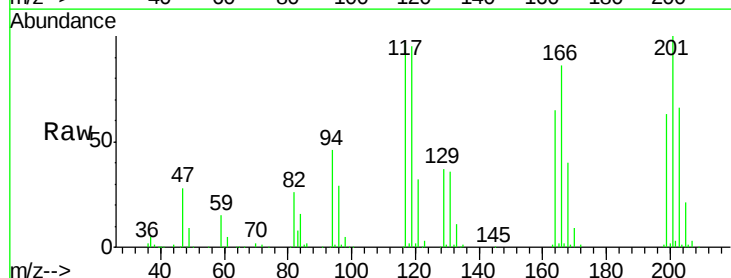
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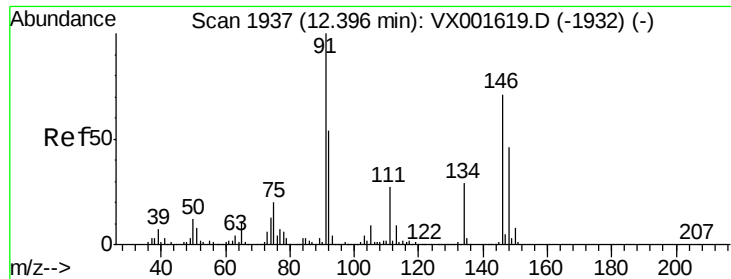
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#86
Hexachloroethane
Concen: 21.43 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42228		
201	103.3	50.1	150.3	





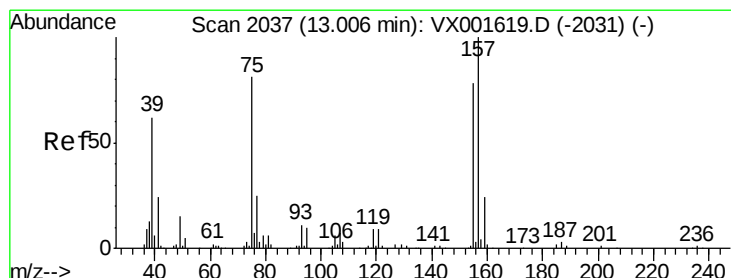
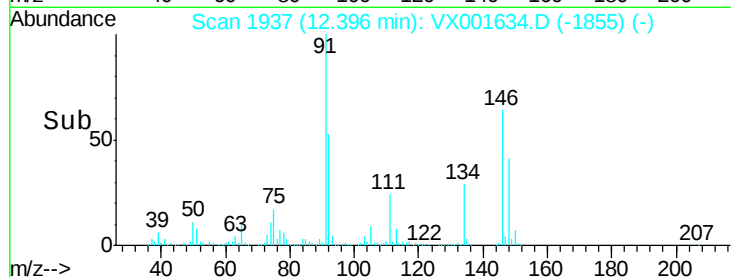
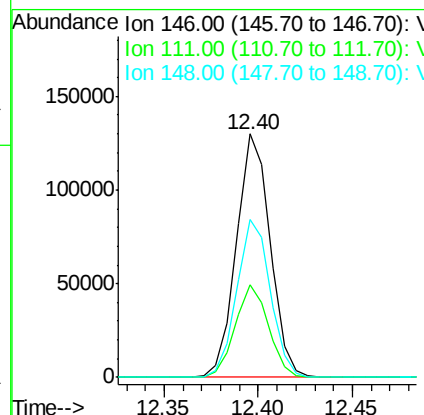
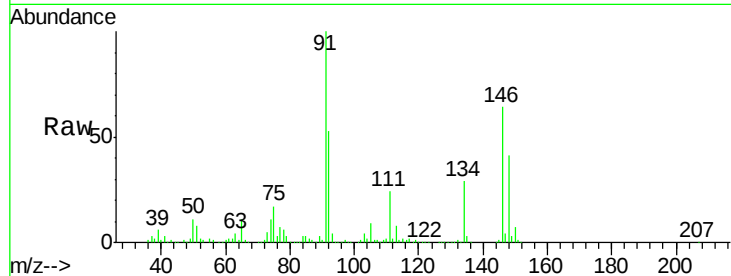
#87
 1,2-Dichlorobenzene
 Concen: 21.10 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.6	32.1	96.5

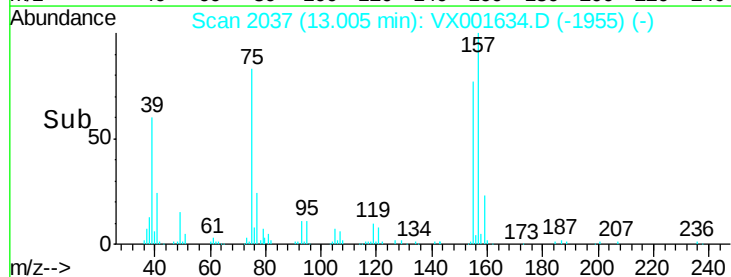
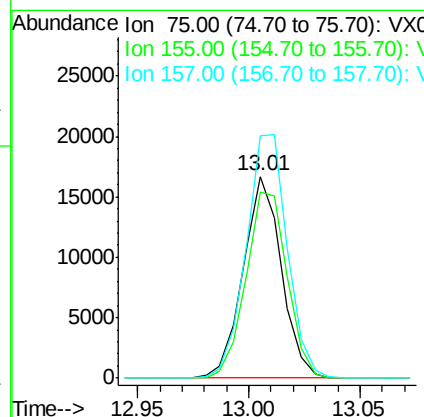
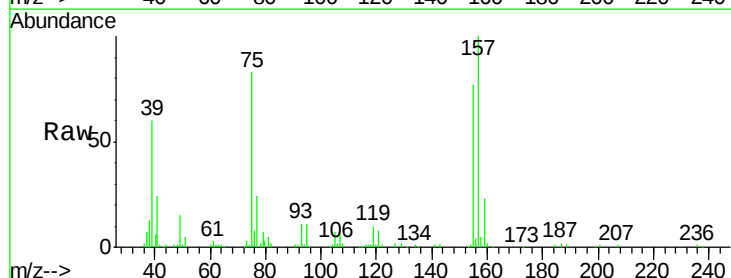
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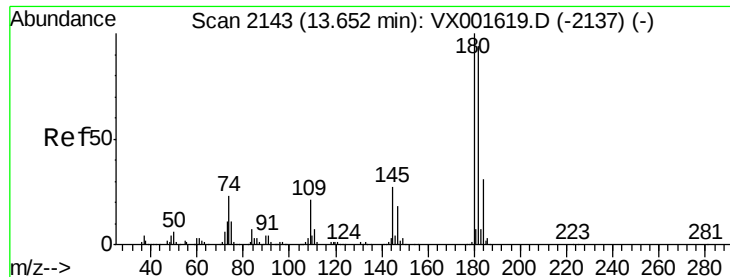
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	79.8	119.8
157	130.9	105.4	158.2





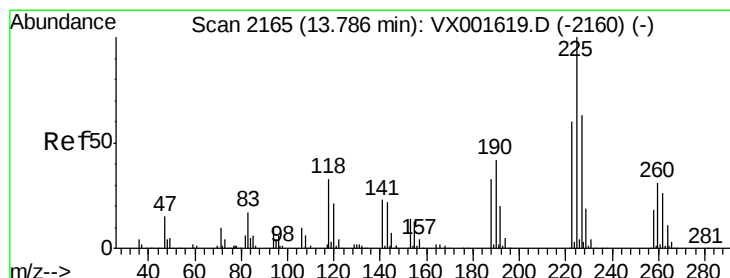
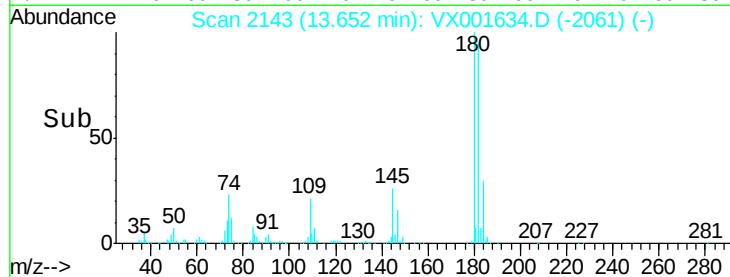
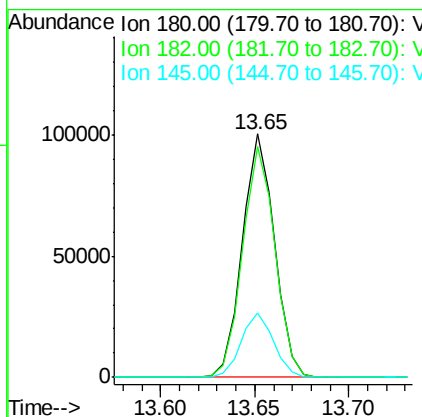
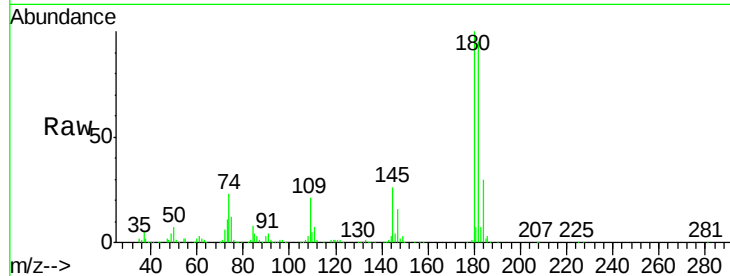
#89
 1,2,4-Trichlorobenzene
 Concen: 21.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118599		
182	95.6	76.6	115.0	
145	26.7	21.5	32.3	

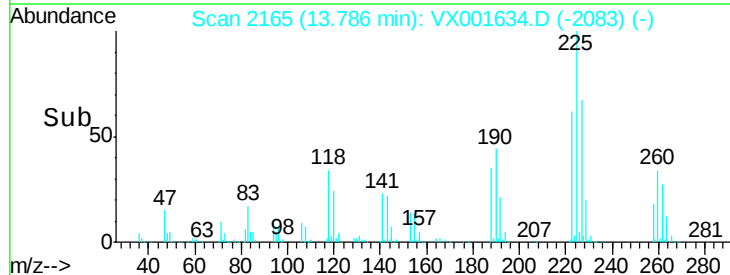
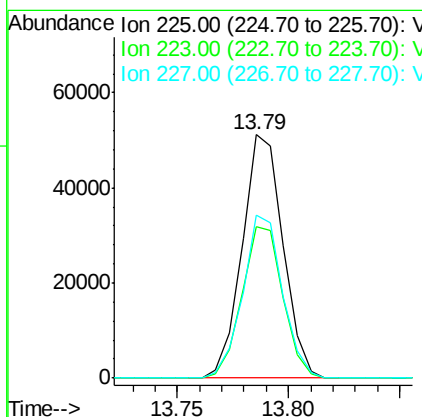
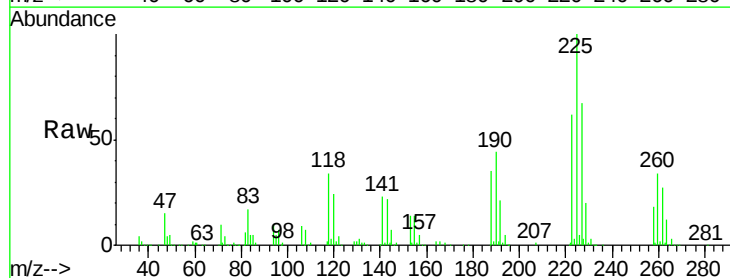
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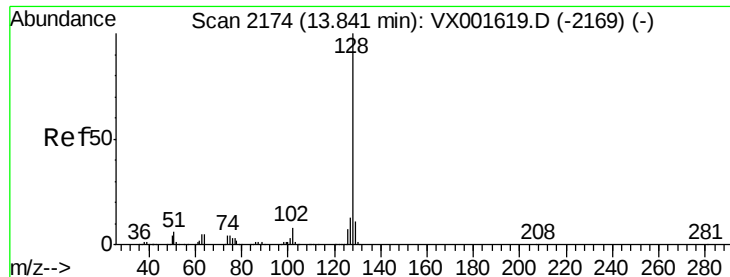
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#90
 Hexachlorobutadiene
 Concen: 23.57 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001634.D
 Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65472		
223	62.3	0.0	120.2	
227	65.0	0.0	126.6	





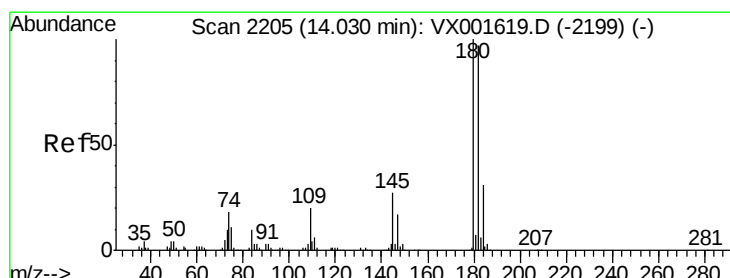
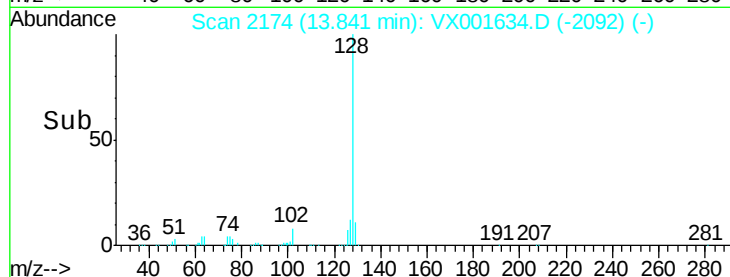
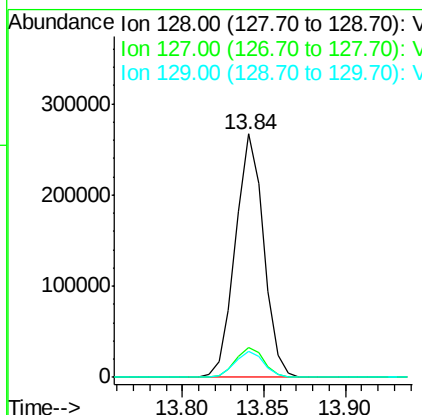
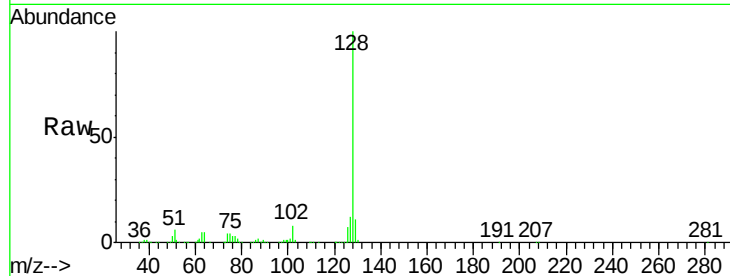
#91
Naphthalene
Concen: 19.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 21.29 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VX001634.D
Acq: 11 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	192.2
145	28.3	0.0	56.0

