

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009482.D
 Acq On : 10 May 2019 14:57
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:52:10 AM

Quant Time: May 11 03:26:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	28447	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	164920	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	148347	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	69962	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	73804	29.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.60%
63) Toluene-d8	8.71	98	208497	29.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	30457	20.149	ug/l 99
3) Chloromethane	1.32	50	45292	22.292	ug/l 100
4) Vinyl Chloride	1.40	62	43366	21.395	ug/l 96
5) Bromomethane	1.64	94	24764	19.274	ug/l 100
6) Chloroethane	1.72	64	29638	22.296	ug/l 95
7) Trichlorofluoromethane	1.93	101	55246	22.073	ug/l 95
8) Diethyl Ether	2.18	74	25410	21.864	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34240	22.096	ug/l 98
10) 1,1-Dichloroethene	2.37	96	35163	22.599	ug/l 95
11) Methyl Iodide	2.51	142	34249	20.248	ug/l 99
12) Methyl Acetate	2.77	43	56425	19.253	ug/l 96
13) Acrolein	2.29	56	39807	99.031	ug/l 100
14) Acrylonitrile	3.14	53	132218	103.955	ug/l 98
15) Acetone	2.44	58	39002	106.804	ug/l 96
16) Carbon Disulfide	2.57	76	97185	23.085	ug/l 100
17) Allyl chloride	2.73	41	78331	20.969	ug/l 98
18) Methylene Chloride	2.85	84	41342	21.985	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	37089	22.356	ug/l 96
20) Diisopropyl ether	3.85	45	159015	21.617	ug/l 97
21) 1,1-Dichloroethane	3.70	63	75843	21.304	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	43742	21.889	ug/l 99
23) tert-Butyl Alcohol	3.04	59	50087	93.132	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	131046	21.521	ug/l 100
25) Chloroform	5.21	83	72490	22.313	ug/l 99
26) Cyclohexane	5.57	56	75196	22.664	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	55620	22.984	ug/l 99
30) 2-Butanone	4.67	43	199084	105.049	ug/l 100
31) 2,2-Dichloropropane	4.58	77	57000	21.366	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	57902	22.072	ug/l 98
33) Carbon Tetrachloride	5.78	117	48476	22.085	ug/l 98
34) Benzene	6.14	78	167090	22.396	ug/l 99
35) Methacrylonitrile	5.04	41	43021	21.697	ug/l 96
36) 1,2-Dichloroethane	6.19	62	60790	22.456	ug/l 99
37) Trichloroethene	7.21	130	39118	21.781	ug/l 95
38) Methylcyclohexane	7.46	83	69874	23.371	ug/l 100
39) 1,2-Dichloropropane	7.51	63	46468	21.872	ug/l 97
40) Dibromomethane	7.66	93	27173	22.535	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	53301	21.640	ug/l	100
42) Vinyl Acetate	3.81	43	702462	112.306	ug/l	99
43) Ethyl Acetate	4.83	43	75478	22.041	ug/l	98
44) Isopropyl Acetate	6.44	43	118353	21.334	ug/l	99
45) 1,4-Dioxane	7.74	88	20774	381.407	ug/l	98
46) Methyl methacrylate	7.77	41	60165	21.728	ug/l	98
47) n-amyl Acetate	10.90	43	107118	21.434	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	61225	21.304	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	68328	21.657	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	40078	21.694	ug/l	97
51) Ethyl methacrylate	9.18	69	73261	21.459	ug/l	97
52) 1,3-Dichloropropane	9.37	76	72000	21.960	ug/l	100
53) Dibromochloromethane	9.58	129	40067	21.777	ug/l	100
54) 1,2-Dibromoethane	9.67	107	42199	22.272	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	155706	85.591	ug/l	99
56) Bromoform	10.85	173	29207	20.680	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	385873	105.786	ug/l	100
59) 2-Hexanone	9.49	43	296677	103.695	ug/l	100
61) Tetrachloroethene	9.34	164	37092	22.681	ug/l	98
62) Toluene	8.78	91	179010	22.582	ug/l	99
64) Chlorobenzene	10.13	112	105809	22.179	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	38690	22.149	ug/l	97
66) Ethyl Benzene	10.25	91	197860	22.406	ug/l	100
67) m/p-Xylenes	10.36	106	145369	45.087	ug/l	99
68) o-Xylene	10.69	106	70318	22.180	ug/l	99
69) Styrene	10.71	104	121536	21.838	ug/l	99
70) Isopropylbenzene	11.02	105	190779	22.376	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	66958	21.444	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	58269m	21.655	ug/l	
73) Bromobenzene	11.26	156	46504	22.075	ug/l	99
74) n-propylbenzene	11.36	91	221009	22.369	ug/l	99
75) 2-Chlorotoluene	11.42	91	130870	22.083	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	161594	22.375	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	22454	20.687	ug/l	96
78) 4-Chlorotoluene	11.51	91	149385	22.194	ug/l	99
79) tert-butylbenzene	11.77	119	156056	22.352	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	160361	22.153	ug/l	100
81) sec-Butylbenzene	11.94	105	186583	22.493	ug/l	99
82) p-Isopropyltoluene	12.06	119	170472	22.592	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	83173	22.108	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	81901	21.851	ug/l	99
85) n-Butylbenzene	12.38	91	153603	22.247	ug/l	99
86) Hexachloroethane	12.59	117	27250	21.223	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	83524	22.055	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15100	20.810	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	59809	22.158	ug/l	99
90) Hexachlorobutadiene	13.78	225	31400	23.289	ug/l	99
91) Naphthalene	13.83	128	192986	21.837	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	62118	22.639	ug/l	99

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VSTDCCC020EC

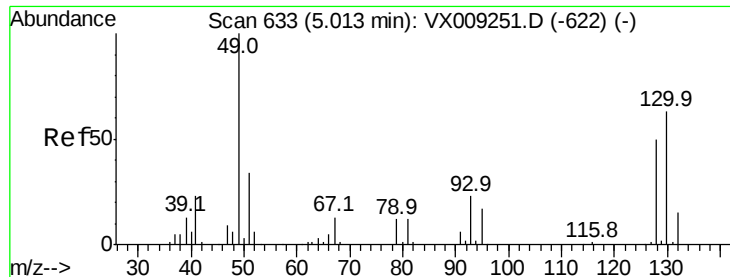
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion:128 Resp: 28447

Ion Ratio Lower Upper

128 100

49 198.7 0.0 515.0

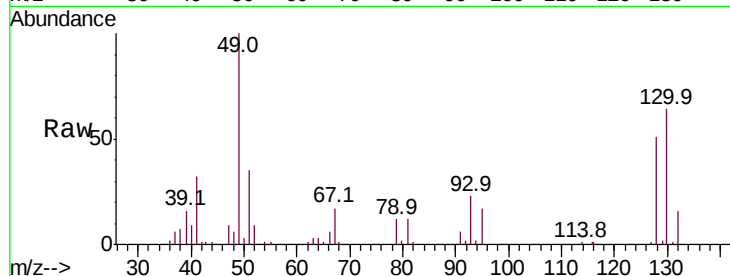
130 129.5 0.0 323.3

Manual Integrations

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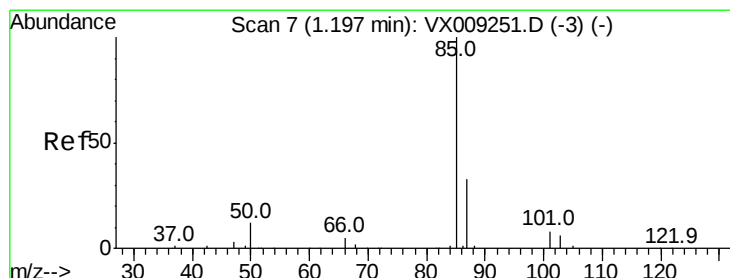
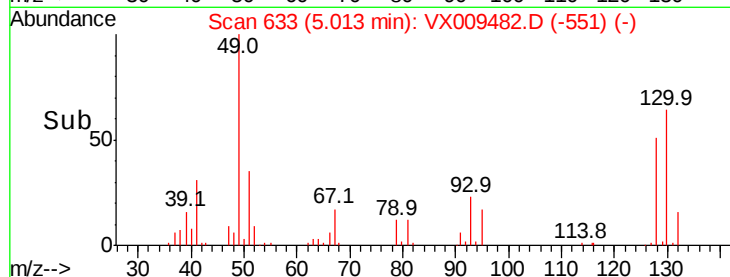
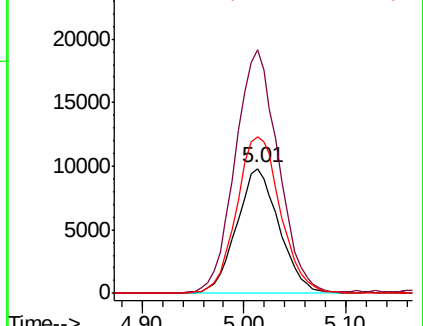
5/11/2019 11:52:10 AM



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: 20.149 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009482.D

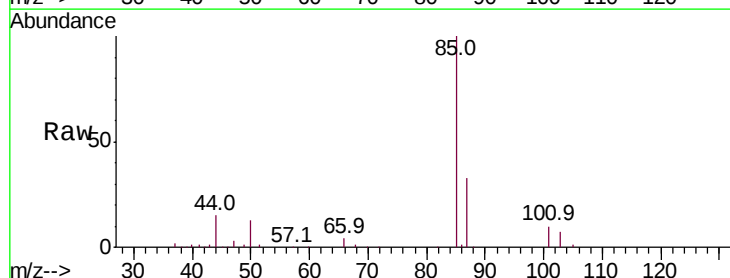
Acq: 10 May 2019 14:57

Tgt Ion: 85 Resp: 30457

Ion Ratio Lower Upper

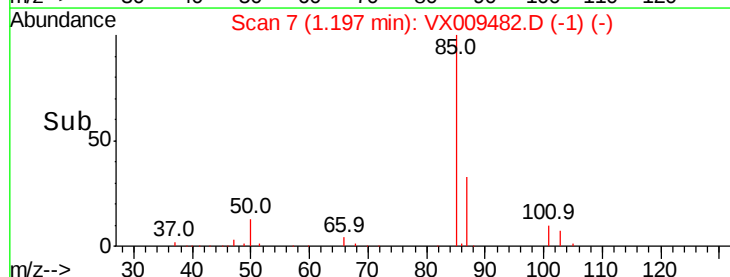
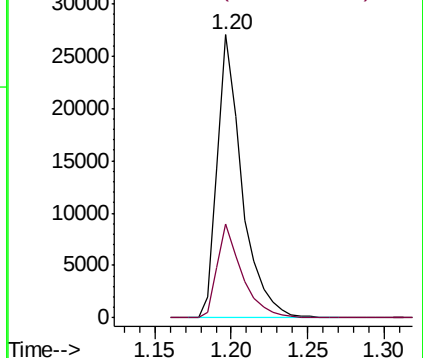
85 100

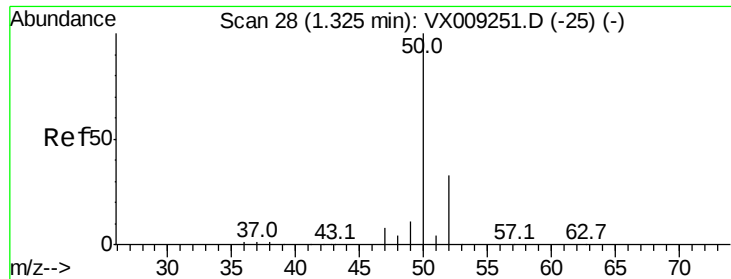
87 33.2 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 22.292 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 45292

Ion Ratio Lower Upper

50 100

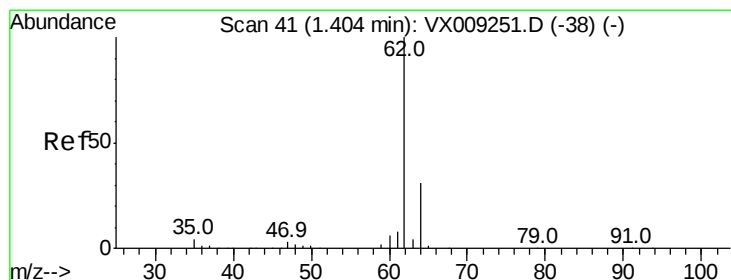
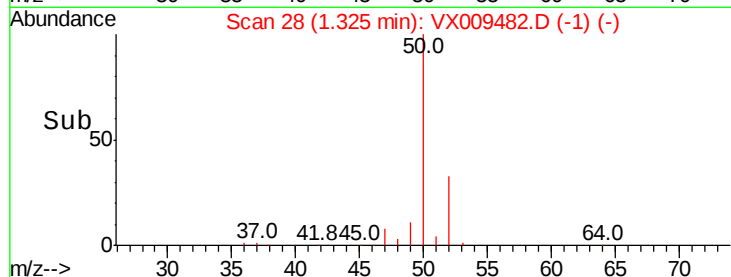
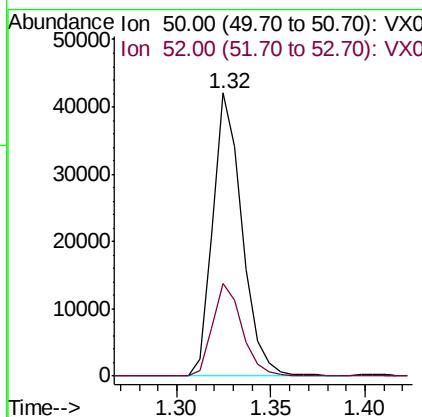
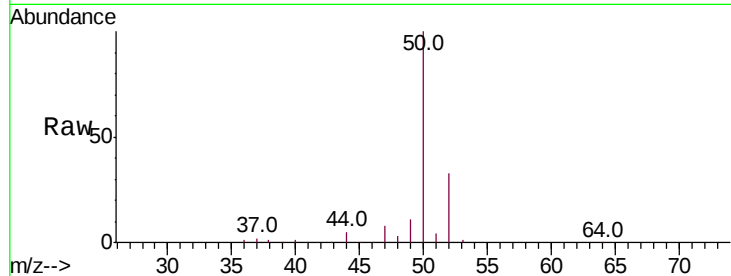
52 32.8 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.395 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009482.D

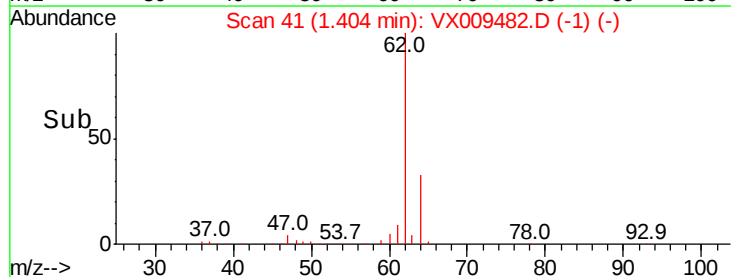
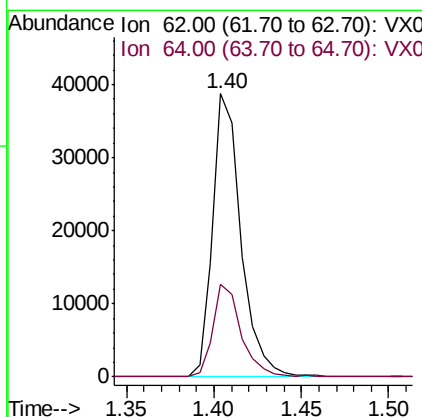
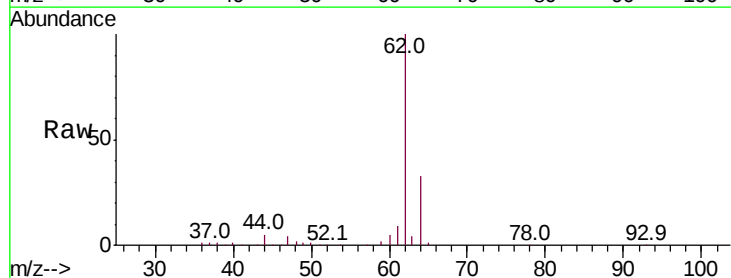
Acq: 10 May 2019 14:57

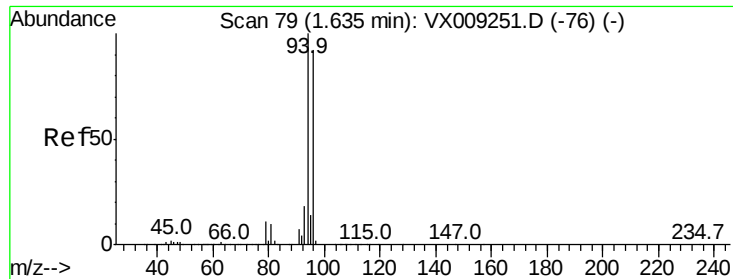
Tgt Ion: 62 Resp: 43366

Ion Ratio Lower Upper

62 100

64 32.7 24.6 36.8





#5

Bromomethane

Concen: 19.274 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 24764

Ion Ratio Lower Upper

94 100

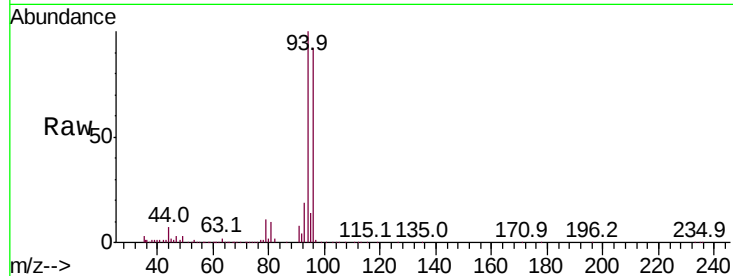
96 91.6 73.5 110.3

Manual Integrations

APPROVED

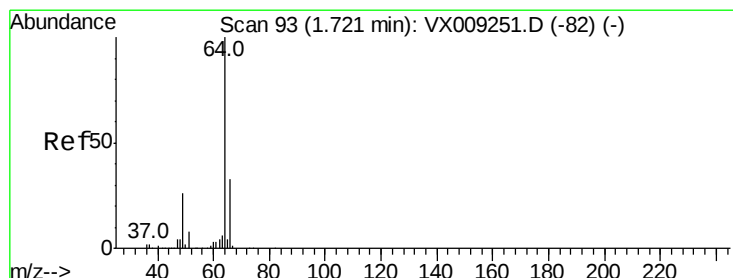
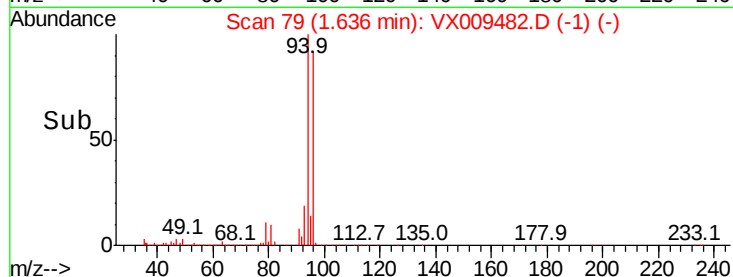
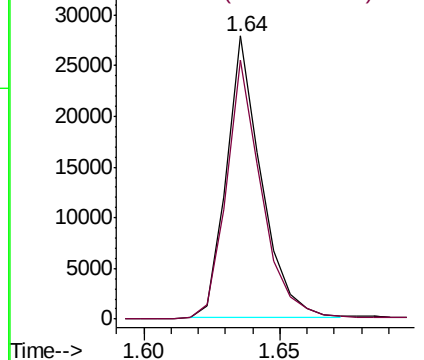
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 22.296 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009482.D

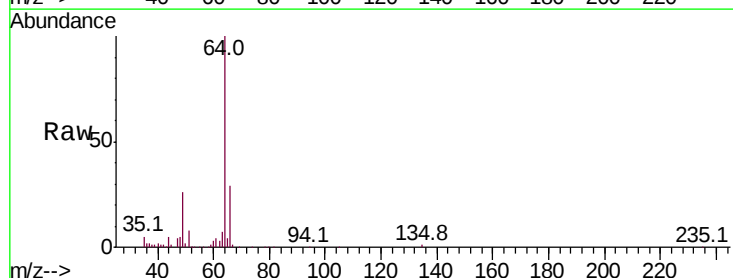
Acq: 10 May 2019 14:57

Tgt Ion: 64 Resp: 29638

Ion Ratio Lower Upper

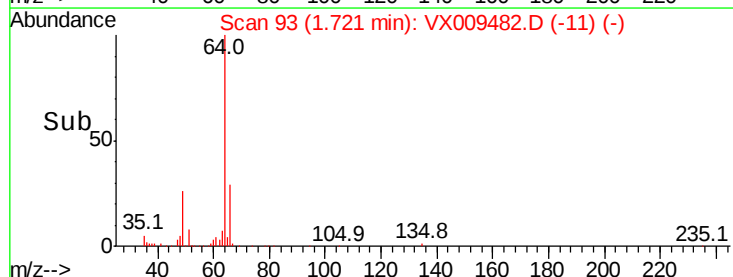
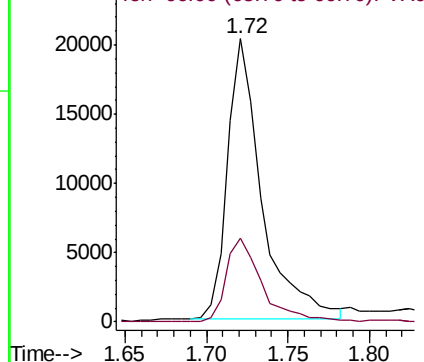
64 100

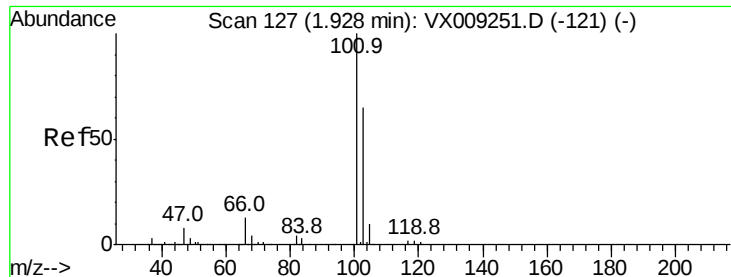
66 29.4 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

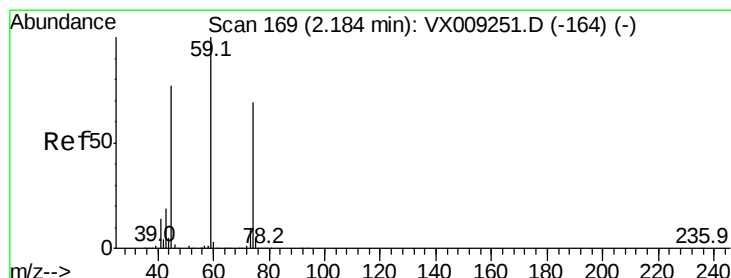
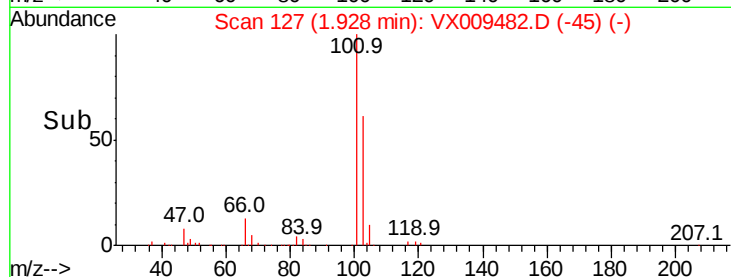
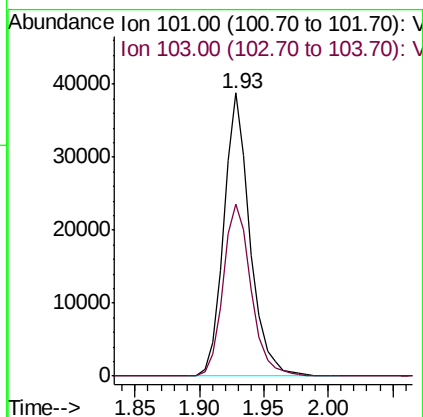
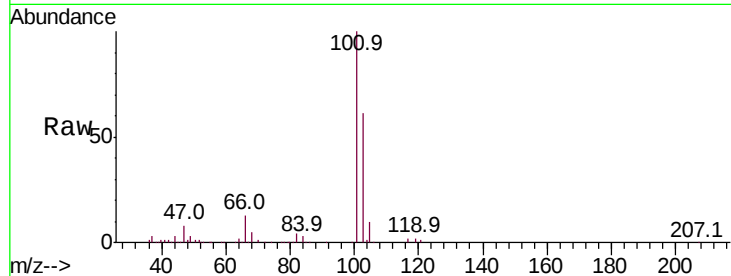
Trichlorofluoromethane
Concen: 22.073 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:101 Resp: 55246
Ion Ratio Lower Upper
101 100
103 60.9 51.9 77.9

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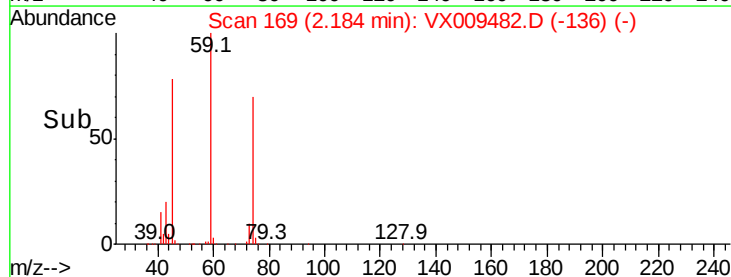
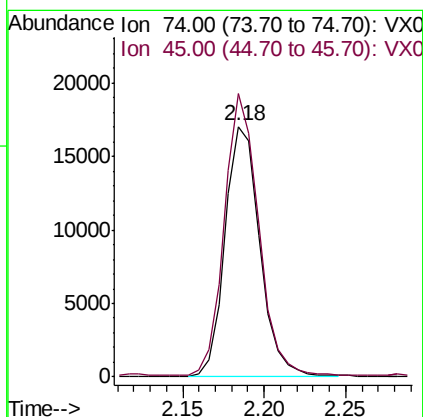
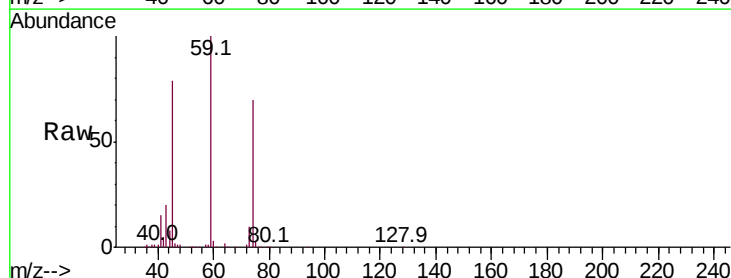
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5/11/2019 11:52:10 AM

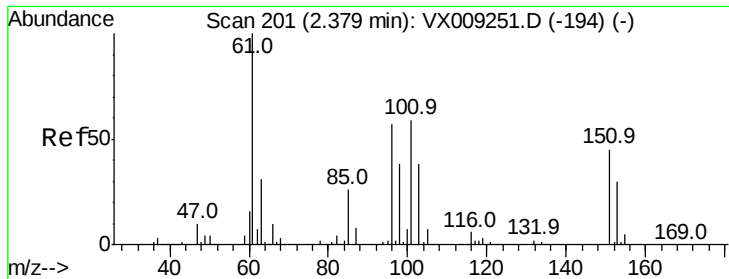


#8

Diethyl Ether
Concen: 21.864 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion: 74 Resp: 25410
Ion Ratio Lower Upper
74 100
45 110.2 21.5 193.9





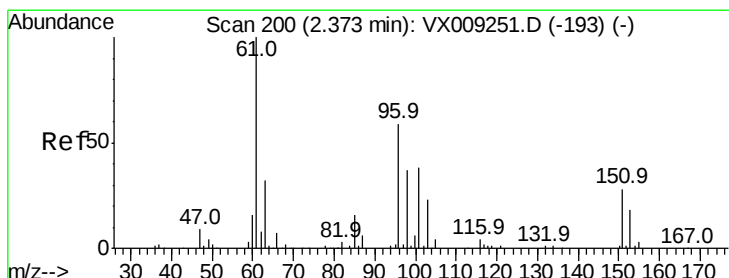
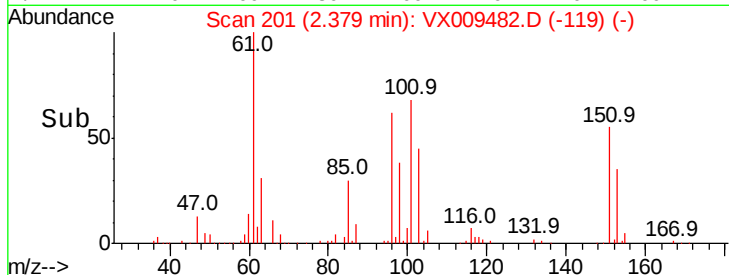
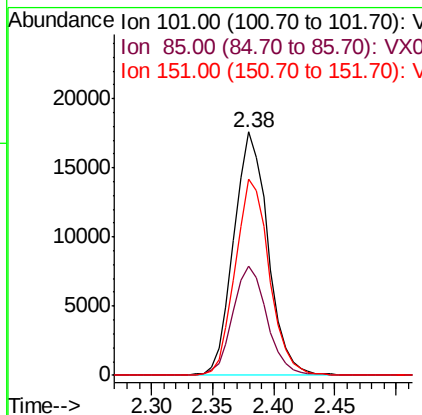
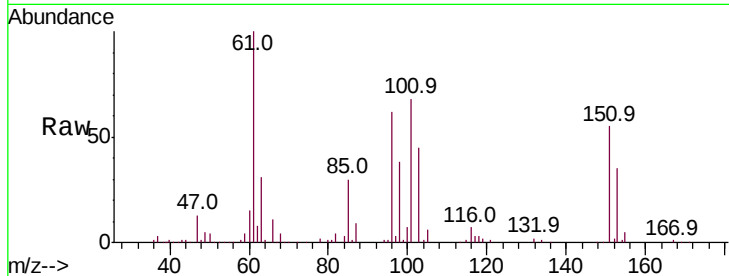
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.096 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	34240		
85	44.5	0.0	87.4	
151	80.0	0.0	157.0	

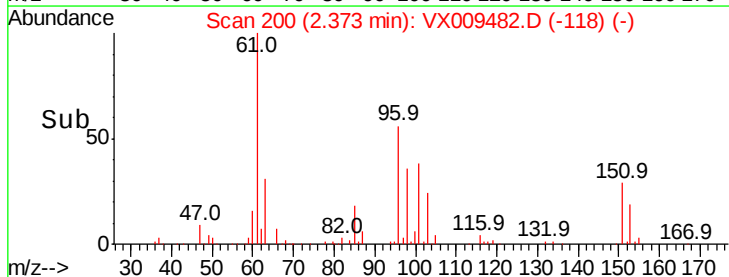
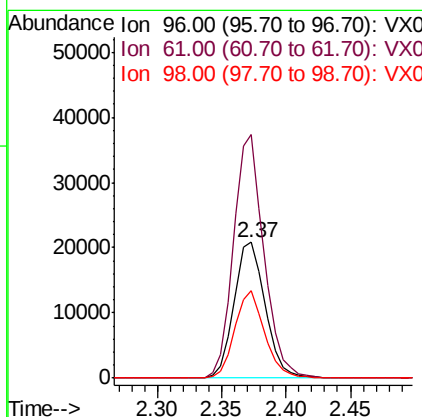
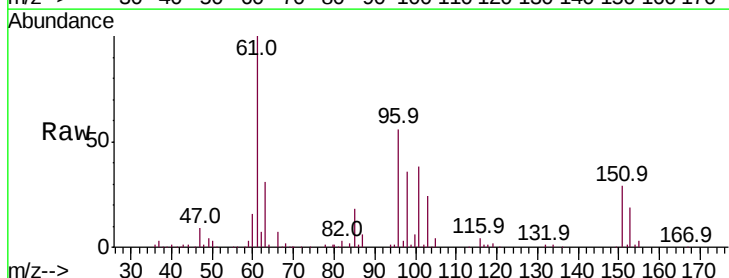
Manual Integrations
 APPROVED

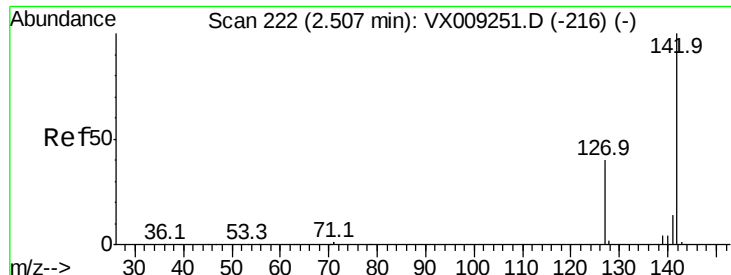
MMDadoda
 5/11/2019 11:52:10 AM



#10
 1,1-Dichloroethene
 Concen: 22.599 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	35163		
61	179.6	136.5	204.7	
98	64.1	51.0	76.4	





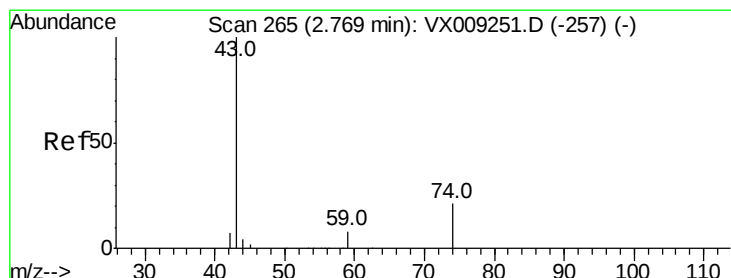
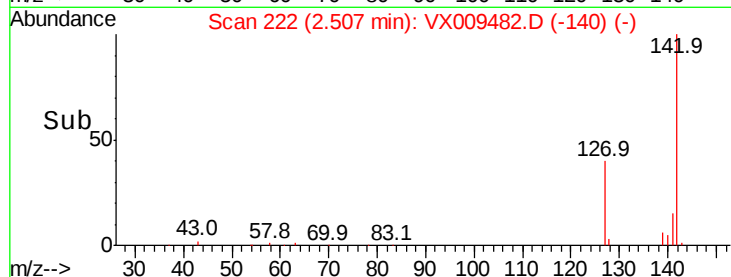
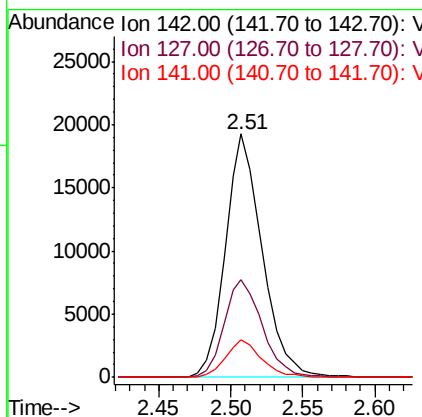
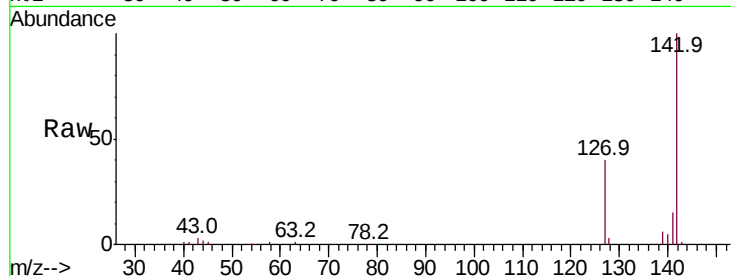
#11
Methvl Iodide
Concen: 20.248 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.2	20.2	60.5
141	15.0	6.9	20.7

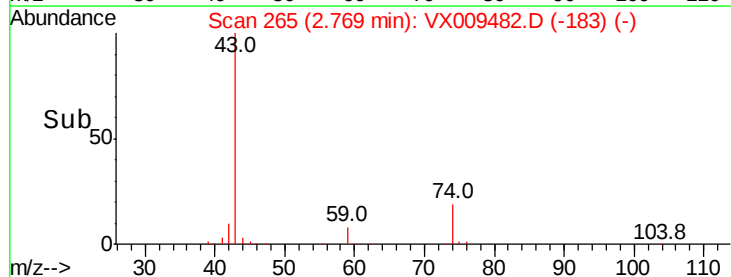
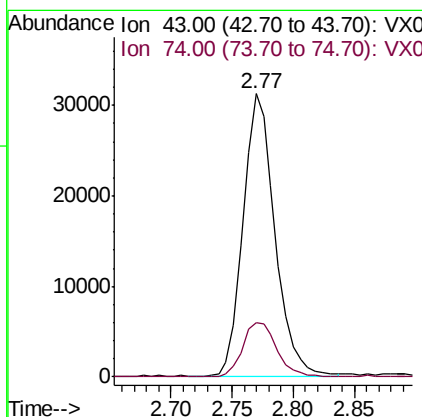
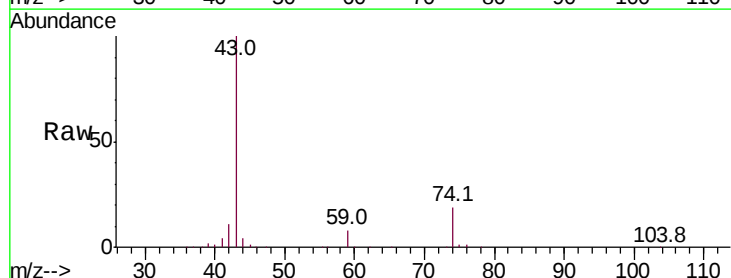
Manual Integrations
APPROVED

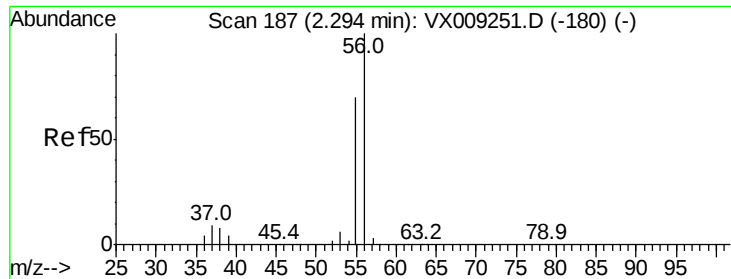
MMDadoda
5/11/2019 11:52:10 AM



#12
Methyl Acetate
Concen: 19.253 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	16.5	24.7





#13

Acrolein

Concen: 99.031 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 39807

Ion Ratio Lower Upper

56 100

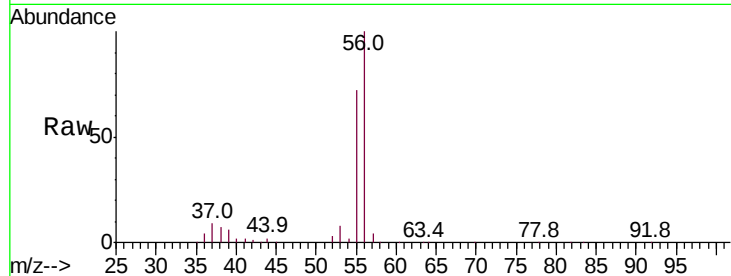
55 70.9 56.9 85.3

Manual Integrations

APPROVED

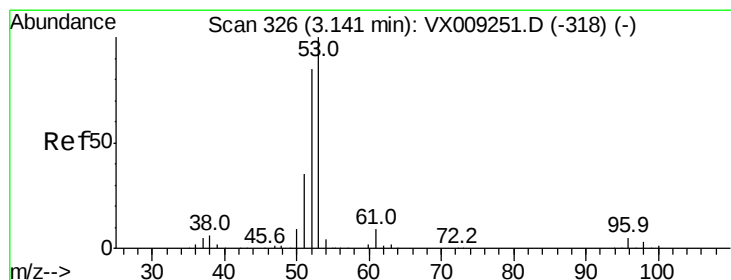
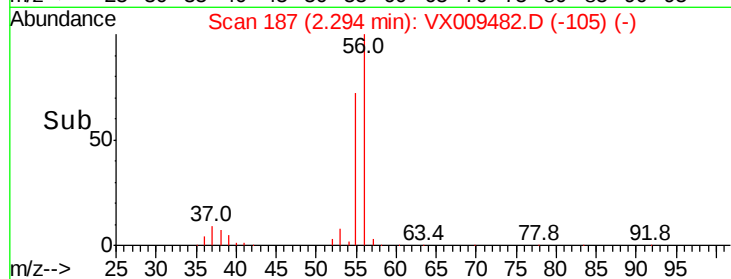
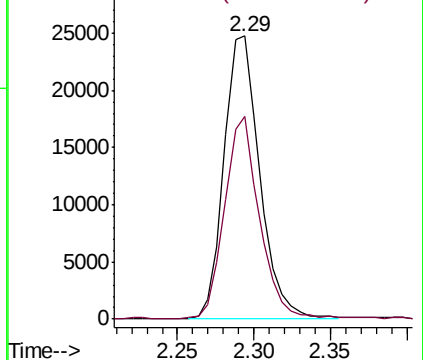
MMDadoda

5/11/2019 11:52:10 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 103.955 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

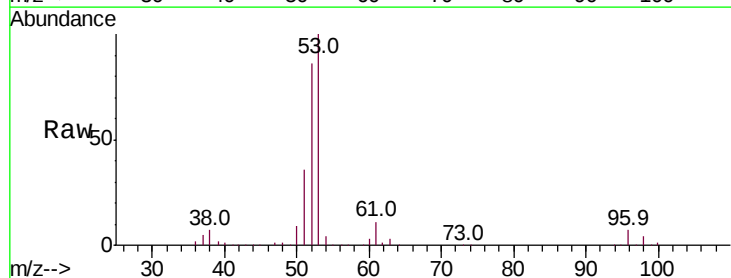
Tgt Ion: 53 Resp: 132218

Ion Ratio Lower Upper

53 100

52 84.6 41.5 124.5

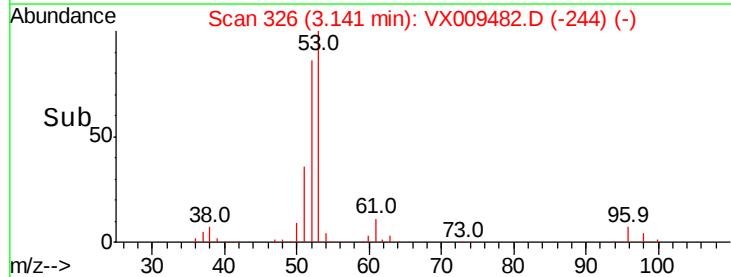
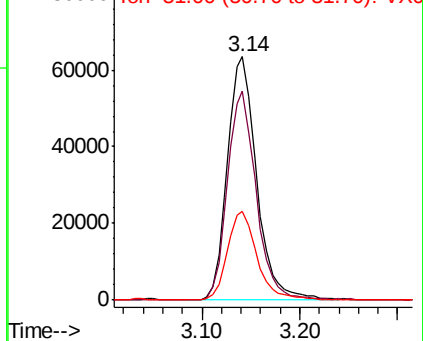
51 36.9 17.8 53.3

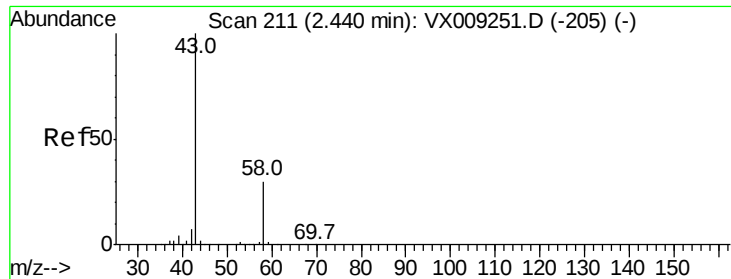


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 106.804 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 39002

Ion Ratio Lower Upper

58 100

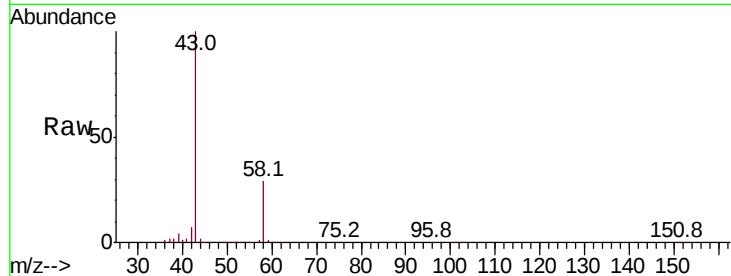
43 339.2 264.0 396.0

Manual Integrations

APPROVED

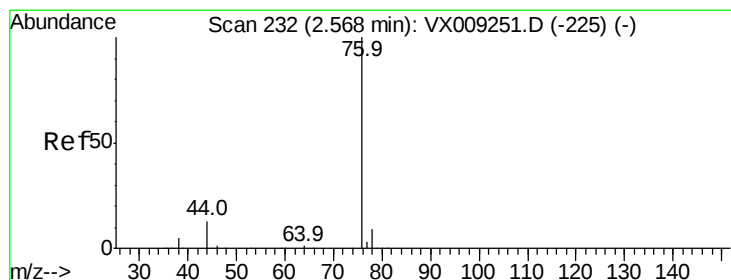
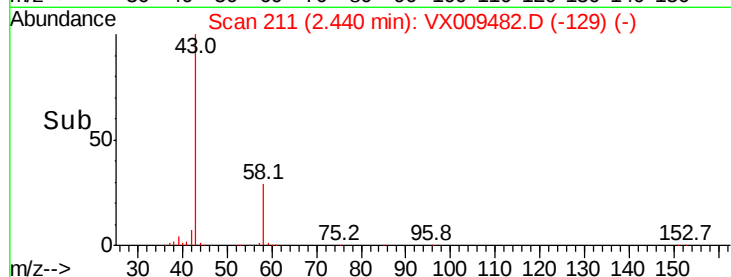
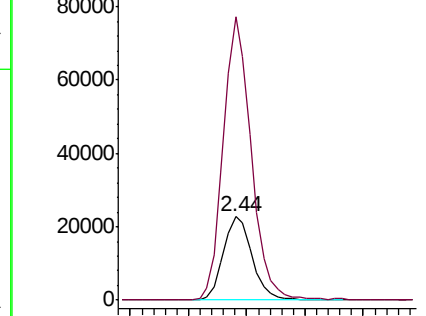
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 23.085 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009482.D

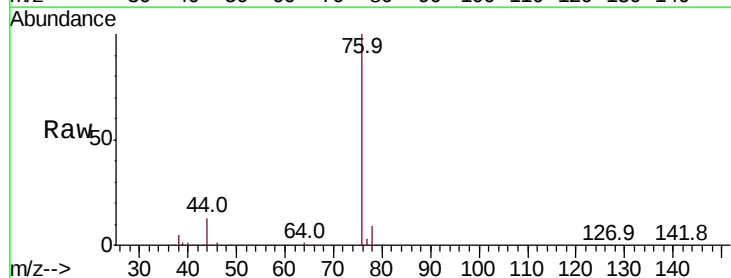
Acq: 10 May 2019 14:57

Tgt Ion: 76 Resp: 97185

Ion Ratio Lower Upper

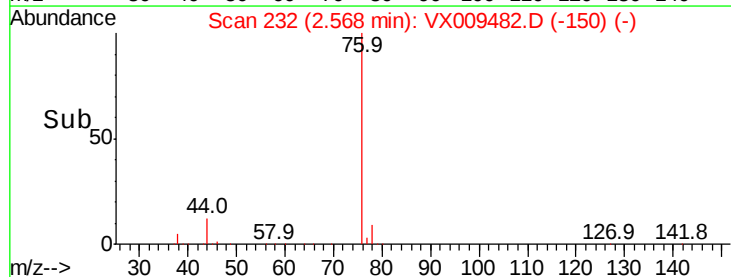
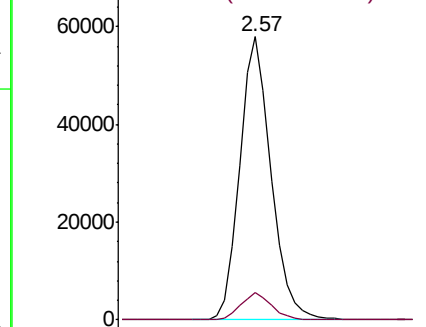
76 100

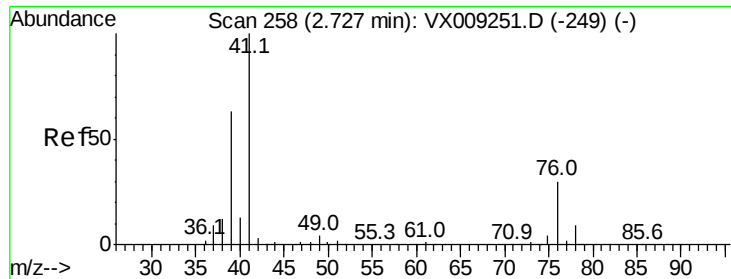
78 9.4 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 20.969 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

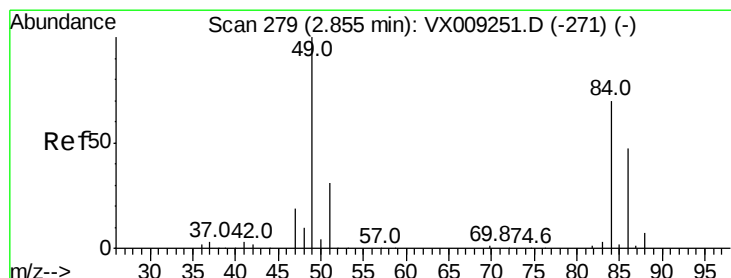
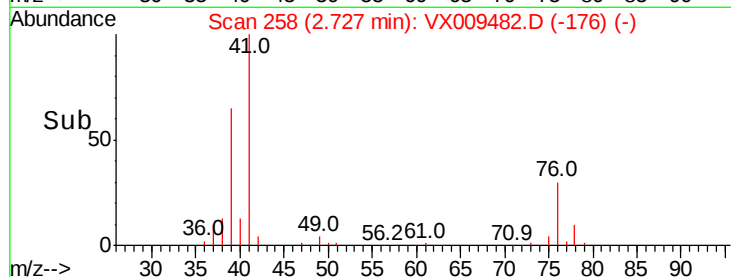
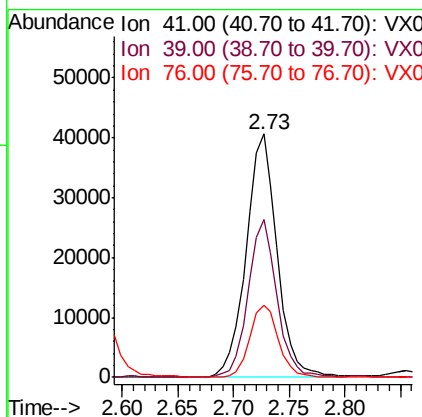
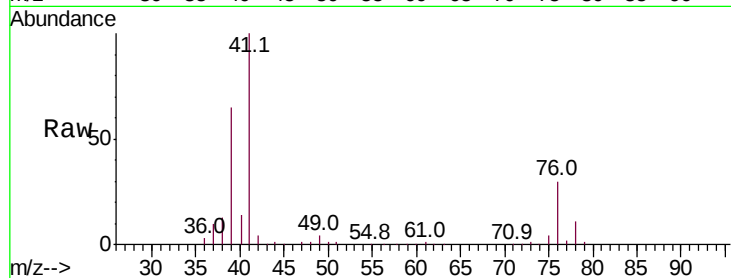
ClientSampleId :

VSTDCCC020EC

Tot Ion:	41	Resp:	78331
Ion Ratio	Lower	Upper	
41	100		
39	64.7	31.6	94.7
76	29.4	15.1	45.3

Manual Integrations
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#18

Methylene Chloride

Concen: 21.985 ug/l

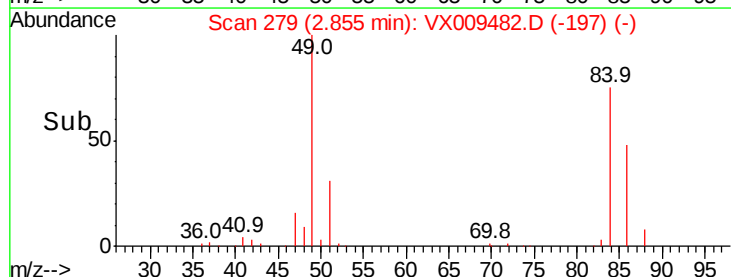
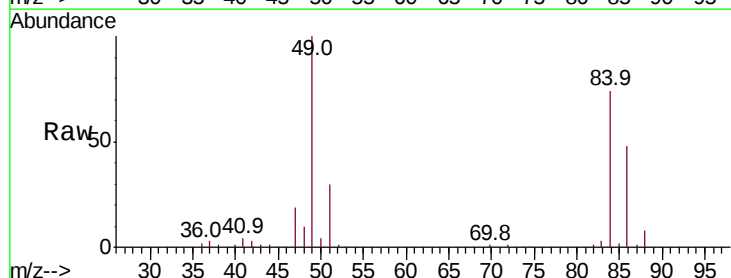
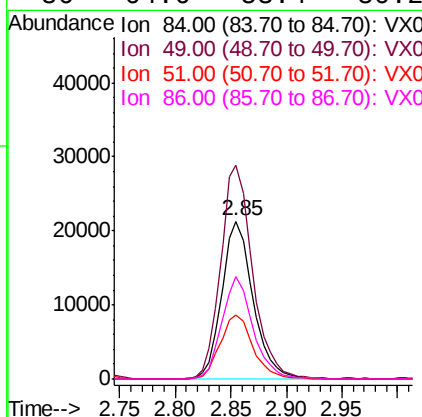
RT: 2.85 min Scan# 279

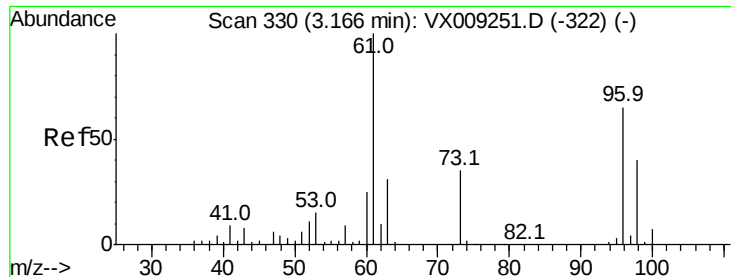
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	84	Resp:	41342
Ion Ratio	Lower	Upper	
84	100		
49	135.0	114.6	171.8
51	40.9	35.5	53.3
86	64.6	53.4	80.2





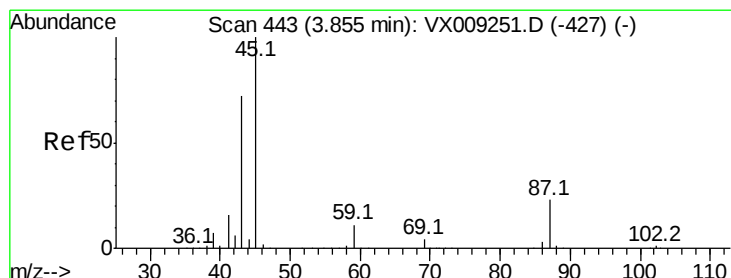
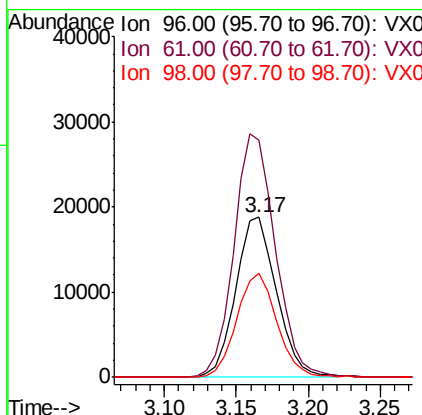
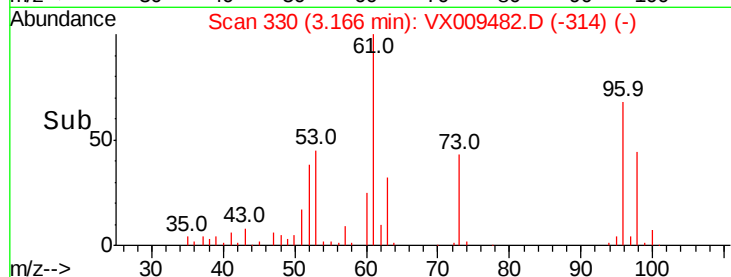
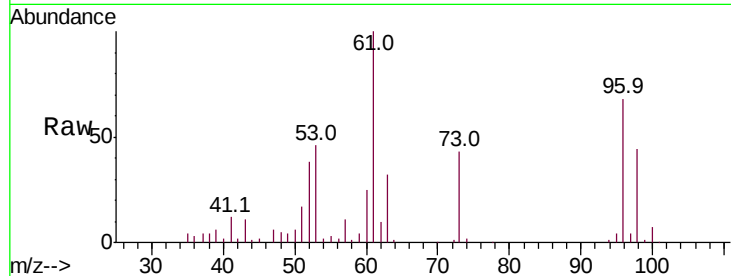
#19
trans-1,2-Dichloroethene
Concen: 22.356 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	122.7	184.1
98	65.1	49.5	74.3

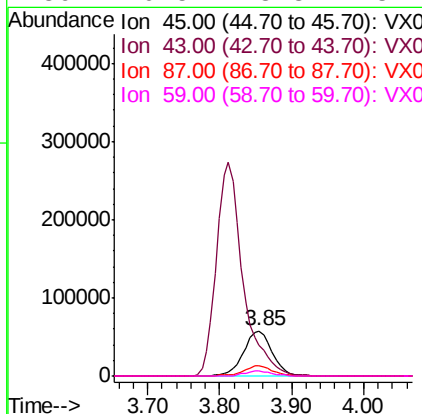
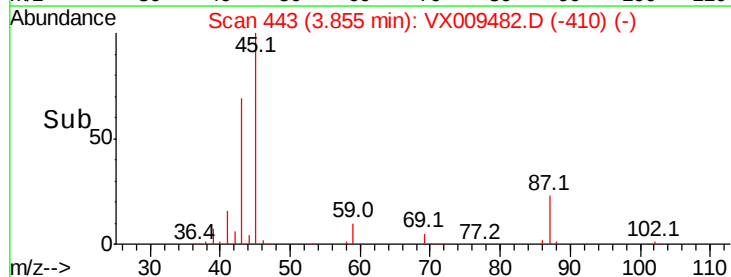
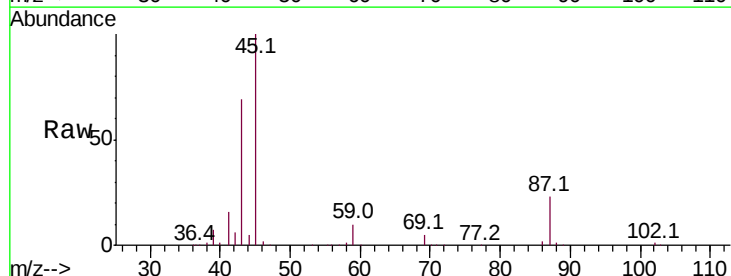
Manual Integrations
APPROVED

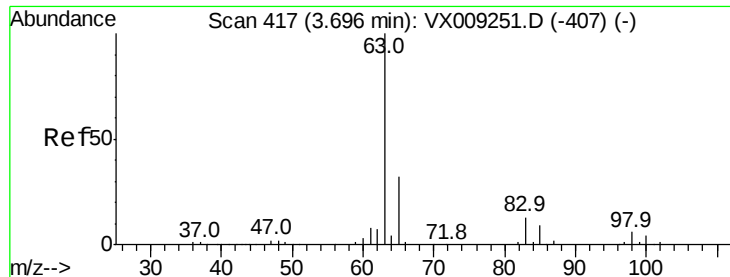
MMDadoda
5/11/2019 11:52:10 AM



#20
Diisopropyl ether
Concen: 21.617 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.7	57.7	86.5
87	23.0	18.5	27.7
59	10.5	8.8	13.2





#21

1,1-Dichloroethane

Concen: 21.304 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

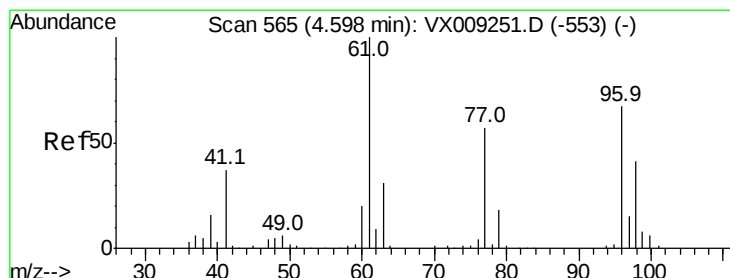
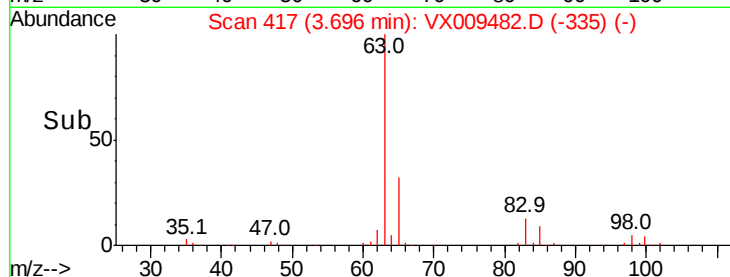
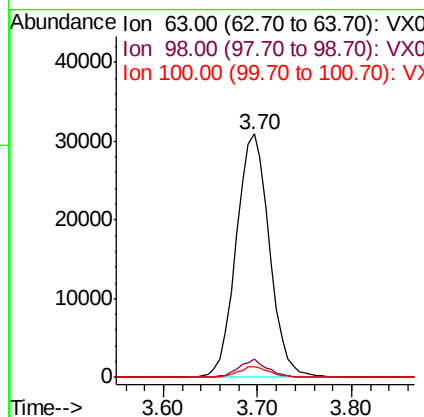
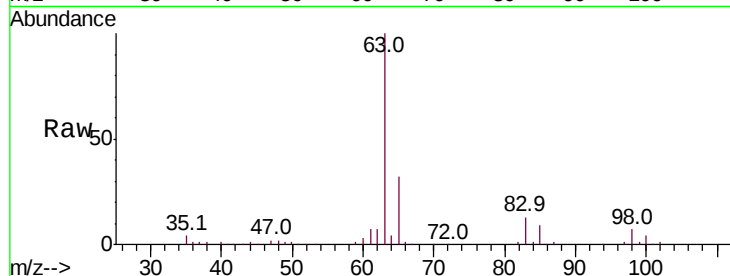
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	75843
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.1	9.3
100	4.3	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 21.889 ug/l

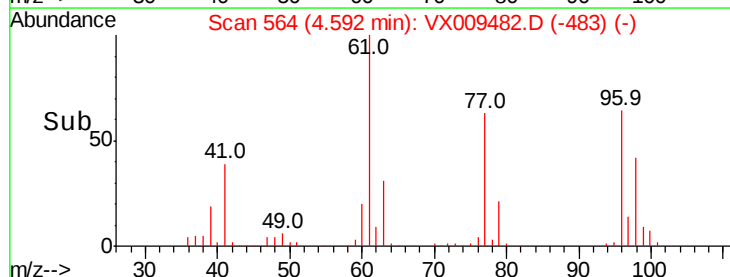
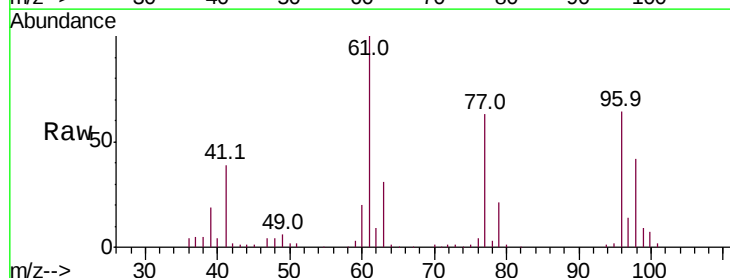
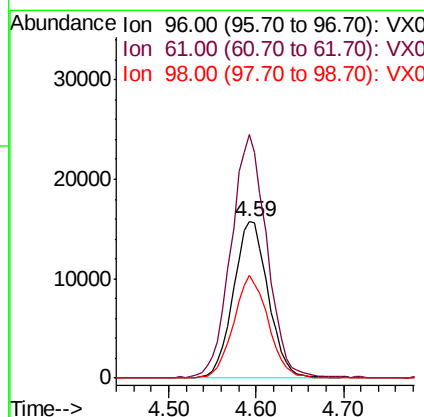
RT: 4.59 min Scan# 564

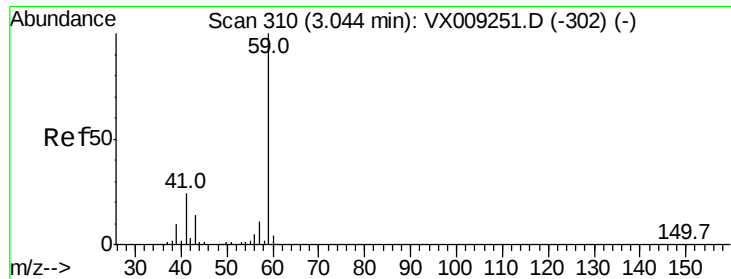
Delta R.T. -0.01 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	96	Resp:	43742
Ion Ratio	Lower	Upper	
96	100		
61	159.4	127.7	191.5
98	64.9	50.5	75.7





#23

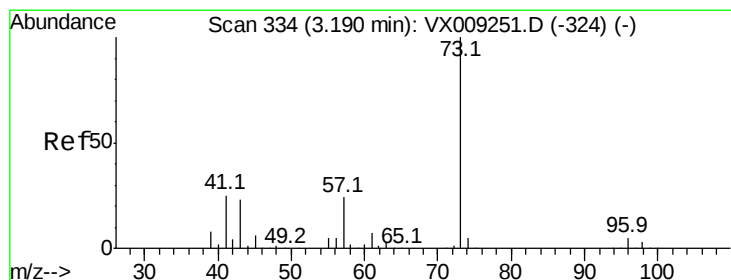
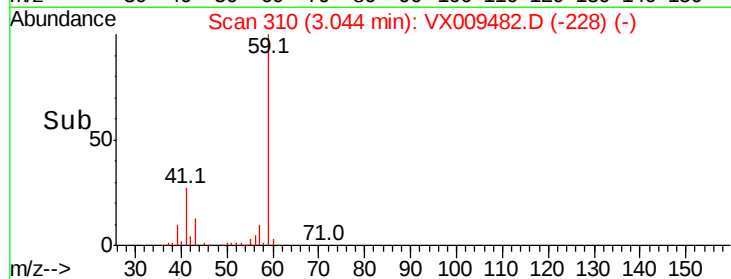
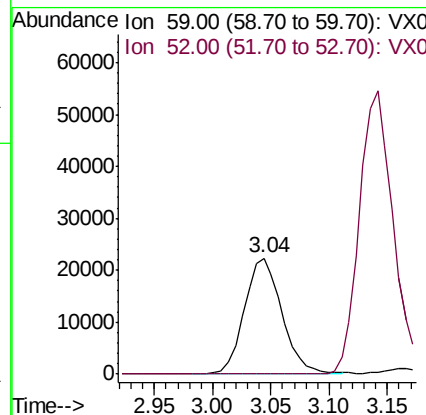
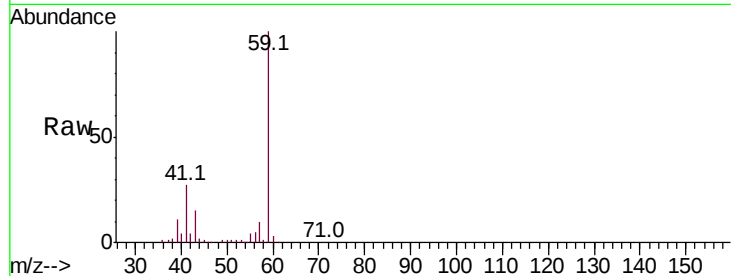
tert-Butyl Alcohol
Concen: 93.132 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	59	Ratio	100	Resp	50087
Ion	59	100		Lower	Upper
	52	0.2		0.2	0.2

Manual Integrations
APPROVED

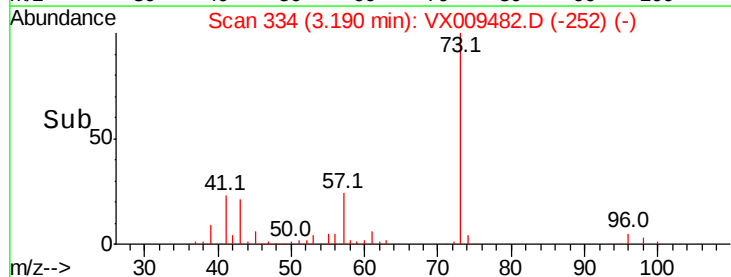
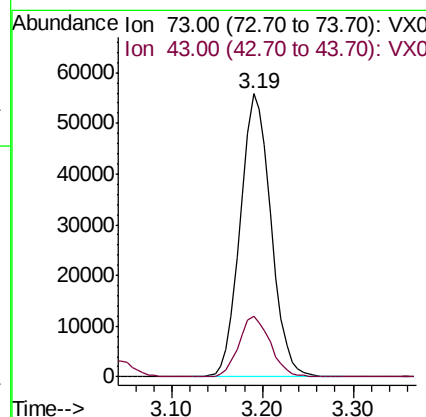
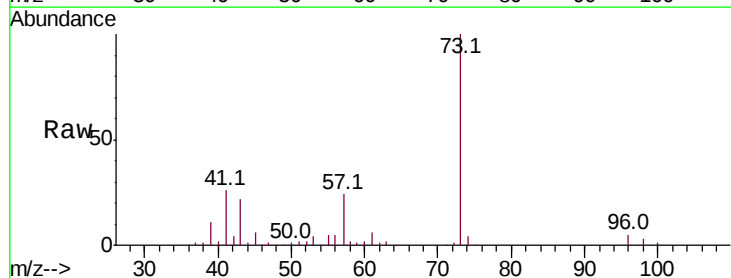
MMDadoda
5/11/2019 11:52:10 AM

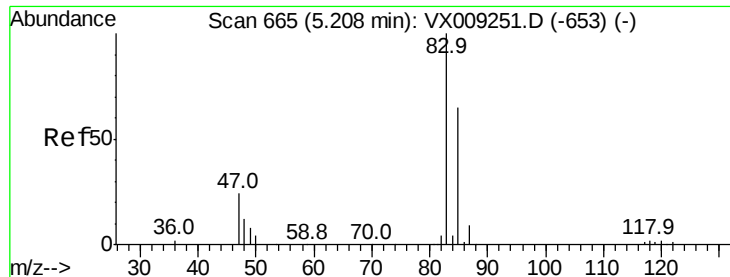


#24

Methyl tert-Butyl Ether
Concen: 21.521 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	73	Ratio	100	Resp	131046
Ion	73	100		Lower	Upper
	43	21.8		17.6	26.4





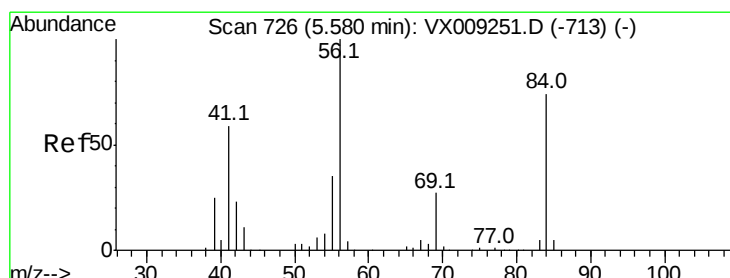
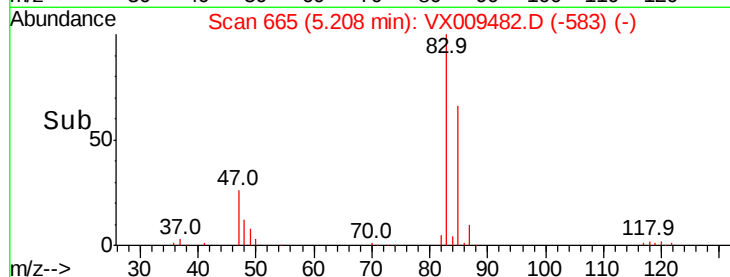
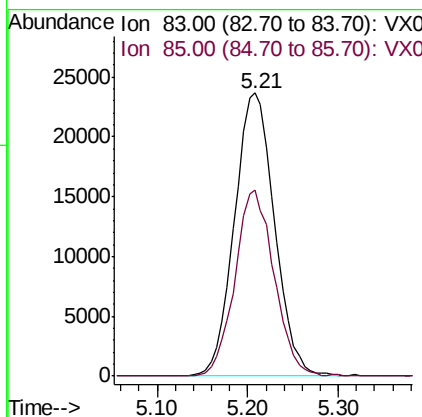
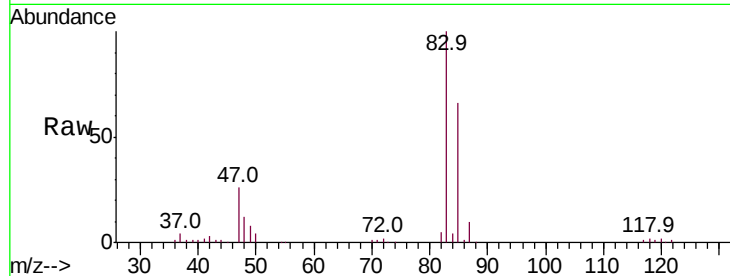
#25
Chloroform
Concen: 22.313 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 72490
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9

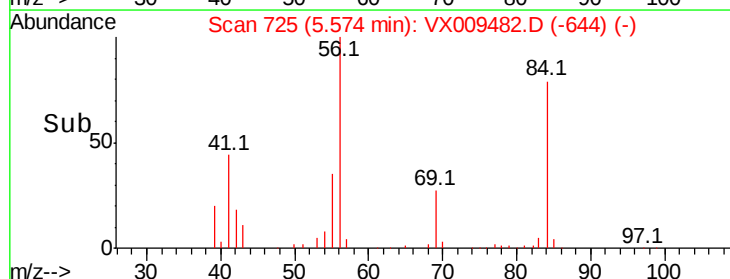
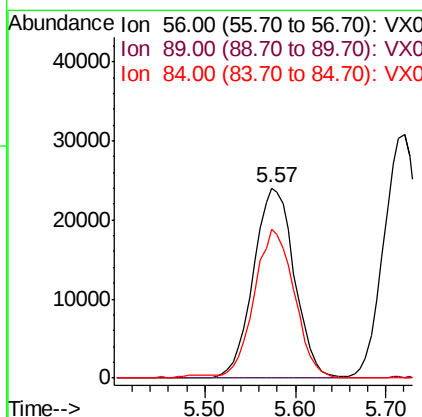
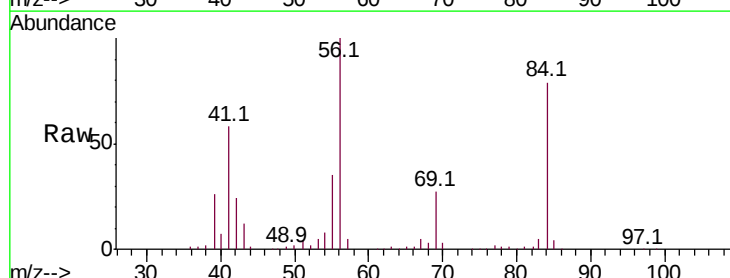
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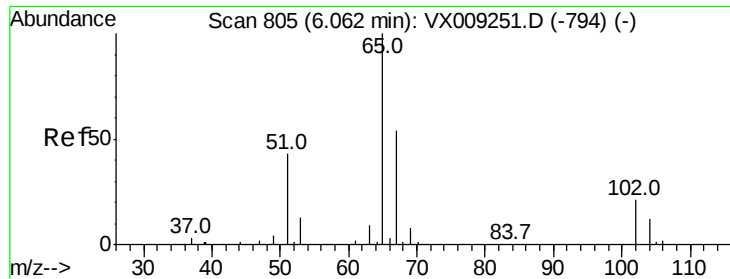
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#26
Cyclohexane
Concen: 22.664 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion: 56 Resp: 75196
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.7 59.7 89.5





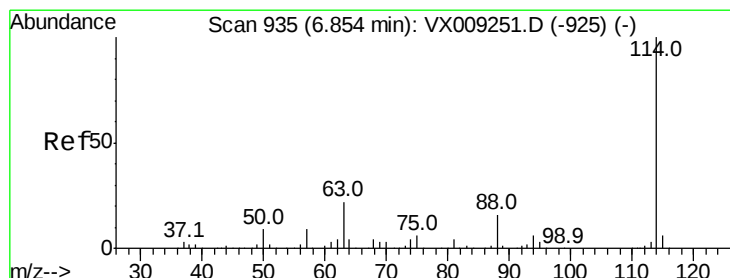
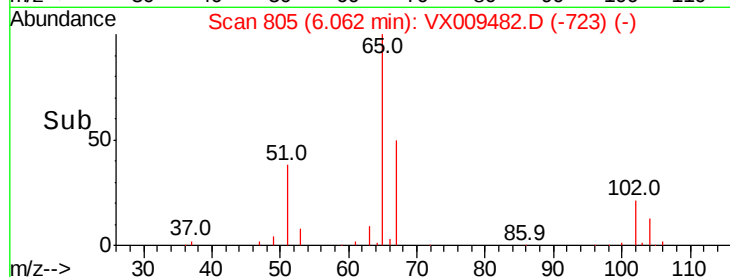
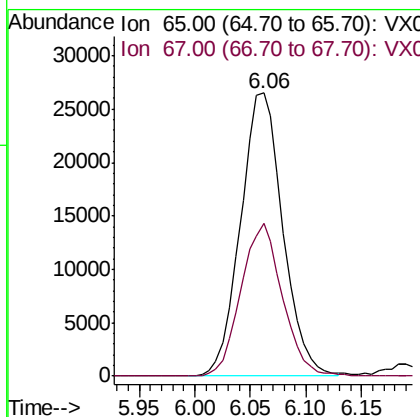
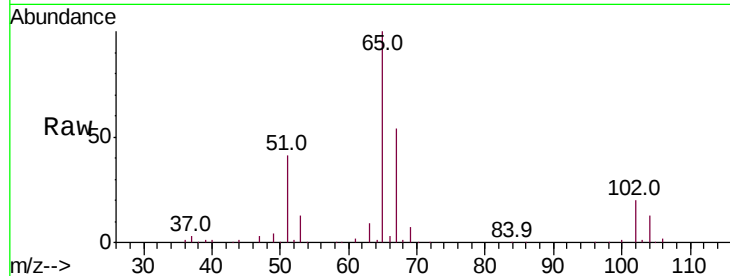
#27
 1,2-Dichloroethane-d4
 Concen: 29.647 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	43.1	64.7

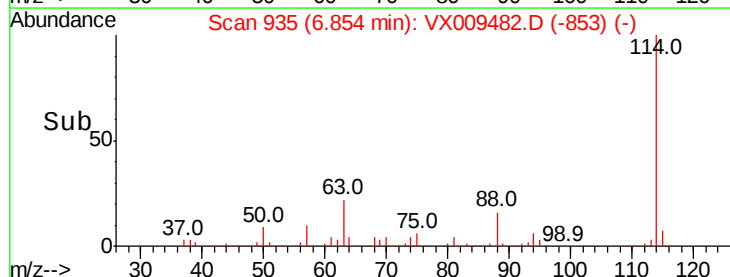
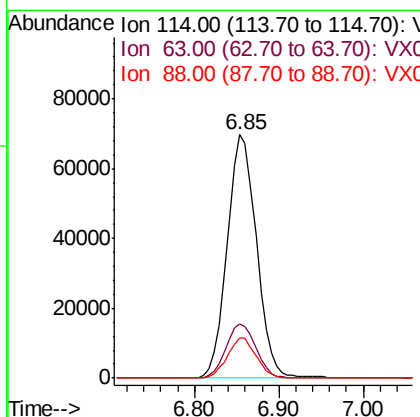
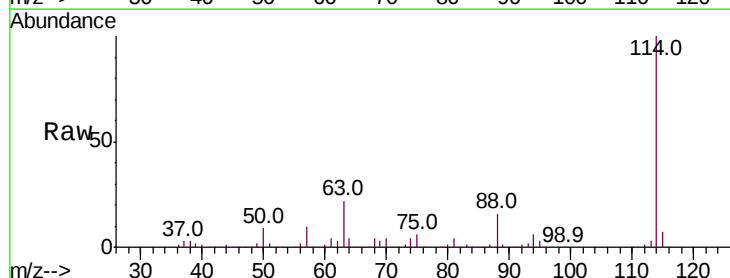
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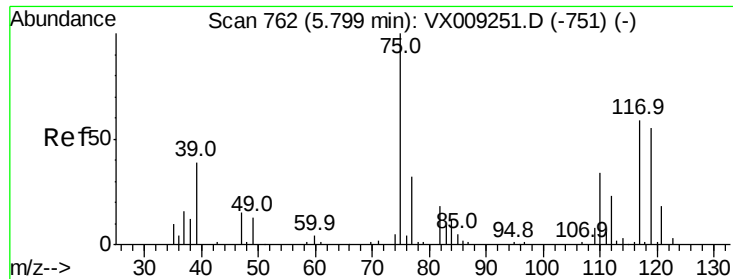
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.8	18.0	27.0
88	16.3	13.4	20.0





#29

1,1-Dichloropropene

Concen: 22.984 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

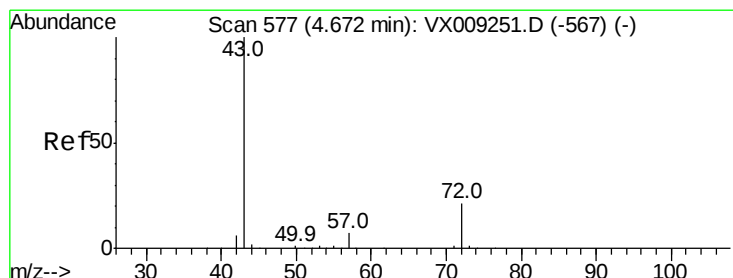
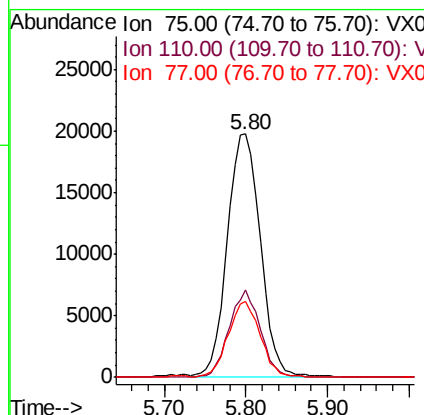
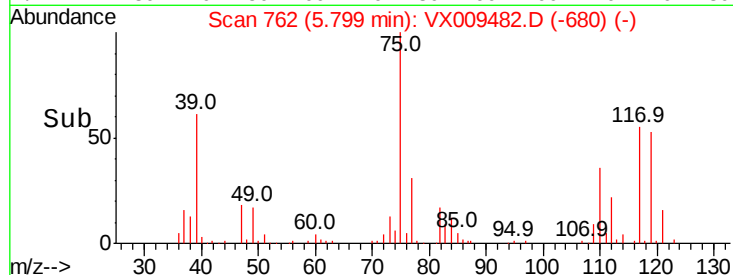
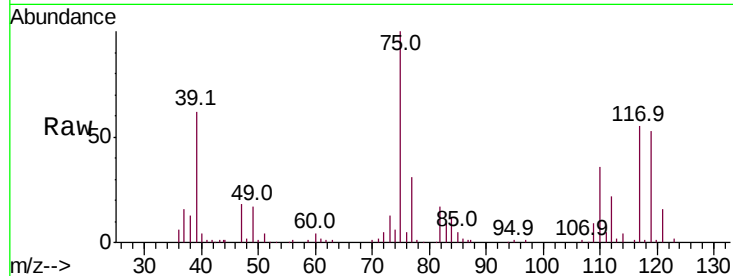
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	55620
Ion Ratio	Lower	Upper	
75	100		
110	33.3	0.0	66.4
77	30.2	0.0	62.2

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#30

2-Butanone

Concen: 105.049 ug/l

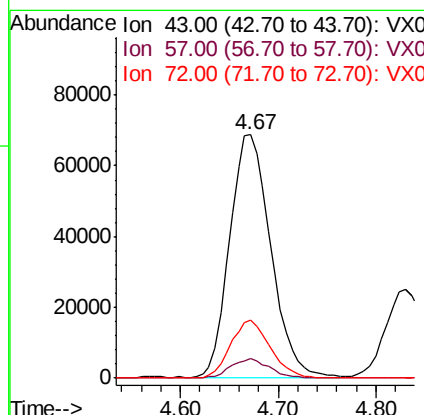
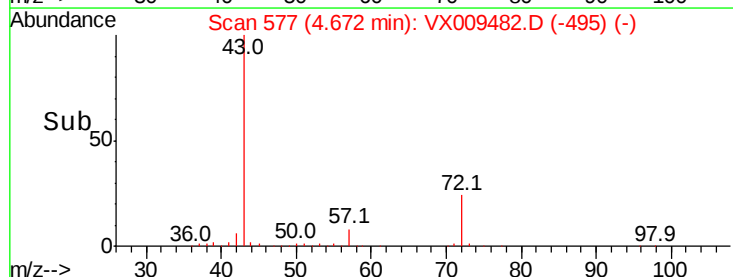
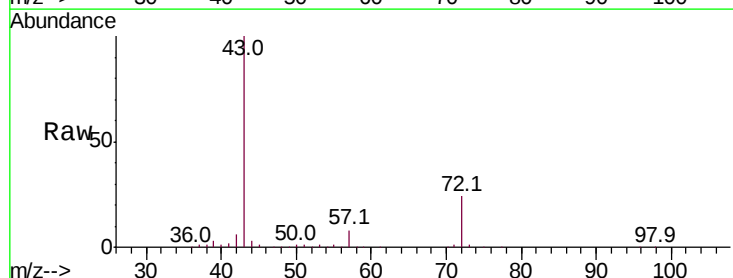
RT: 4.67 min Scan# 577

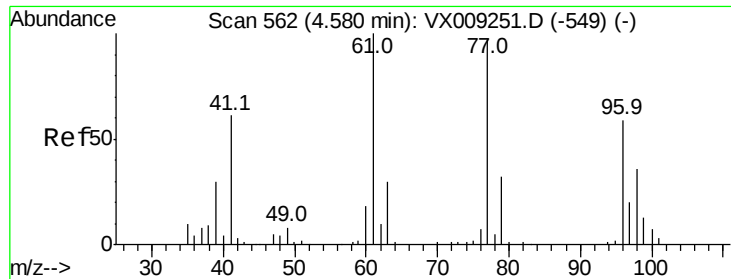
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	43	Resp:	199084
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.0	9.0
72	22.8	18.2	27.4





#31

2,2-Dichloropropane

Concen: 21.366 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 57000

Ion Ratio Lower Upper

77 100

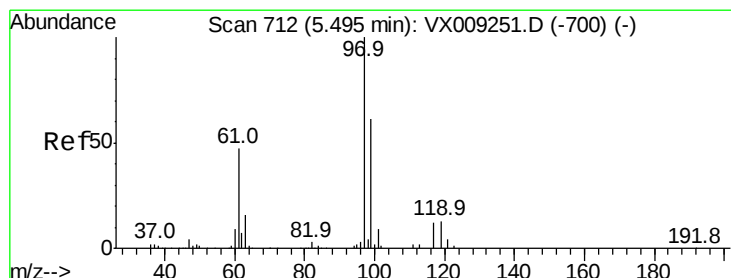
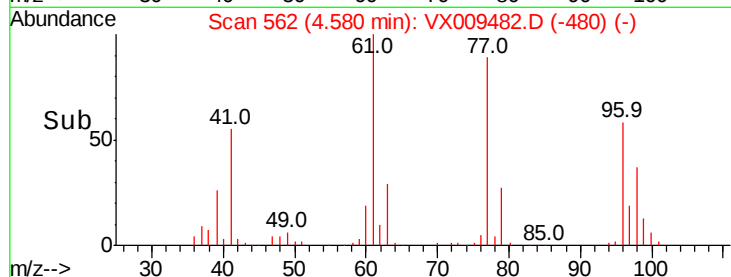
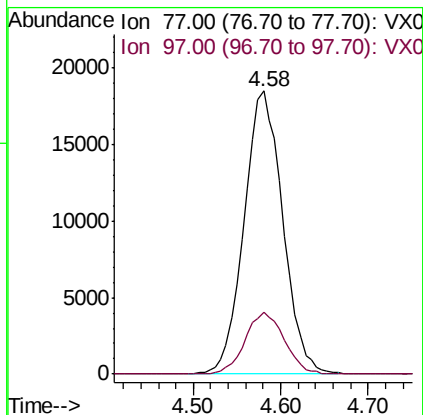
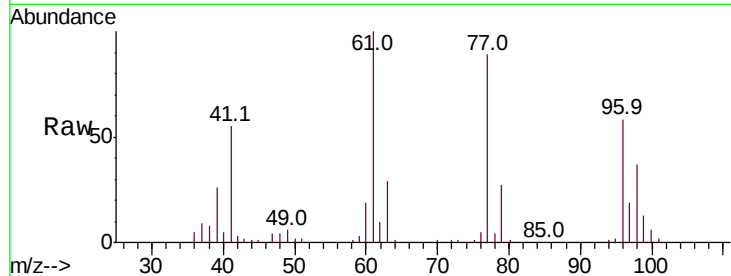
97 22.1 18.3 27.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 22.072 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

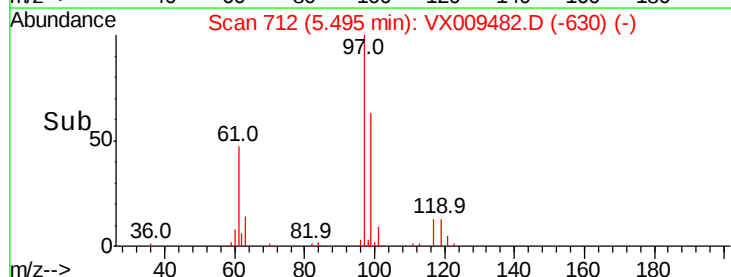
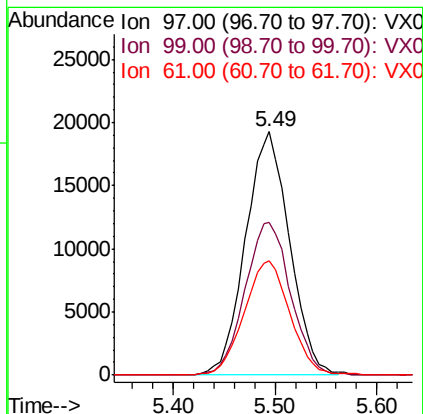
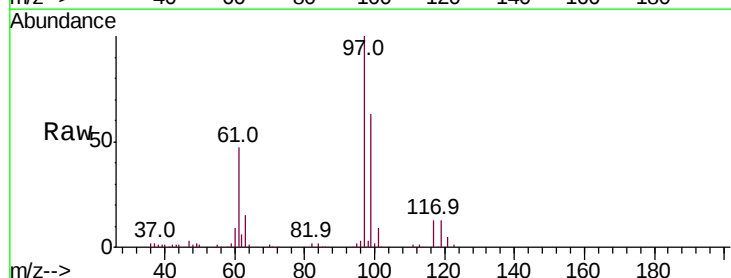
Tgt Ion: 97 Resp: 57902

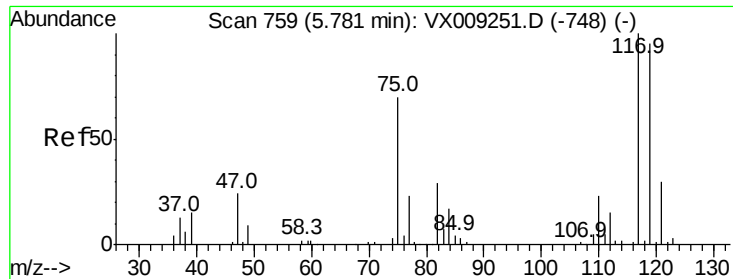
Ion Ratio Lower Upper

97 100

99 64.8 53.9 80.9

61 48.2 38.6 58.0





#33

Carbon Tetrachloride

Concen: 22.085 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:117 Resp: 48476

Ion Ratio Lower Upper

117 100

119 92.7 76.1 114.1

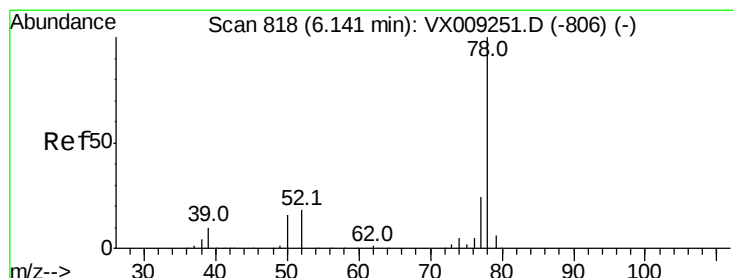
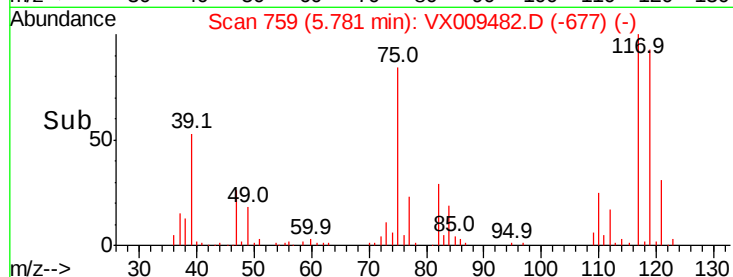
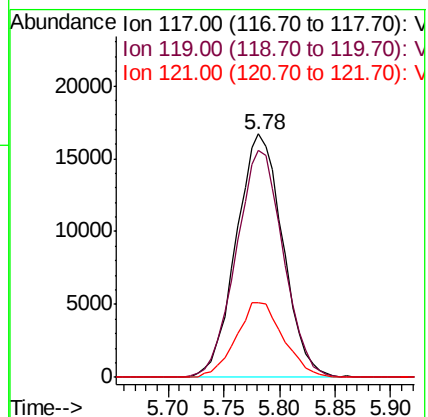
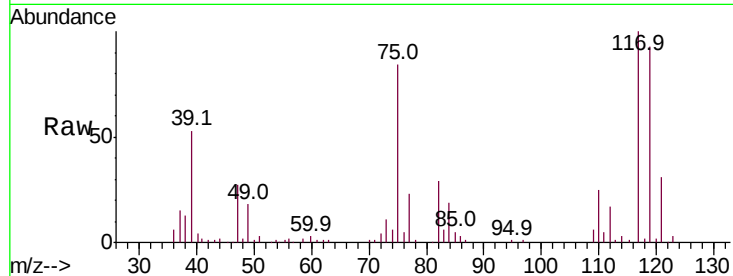
121 30.8 24.4 36.6

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#34

Benzene

Concen: 22.396 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

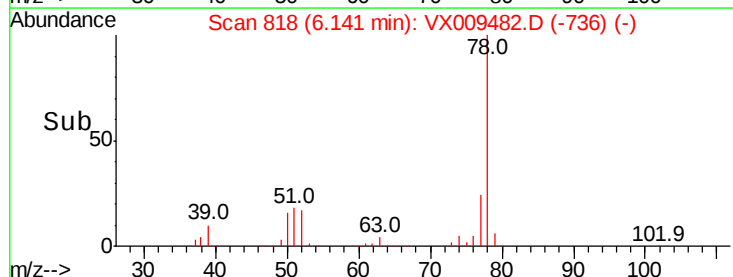
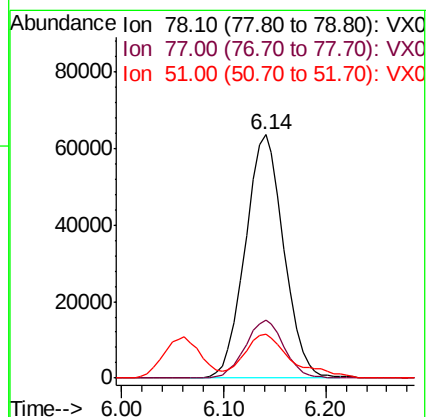
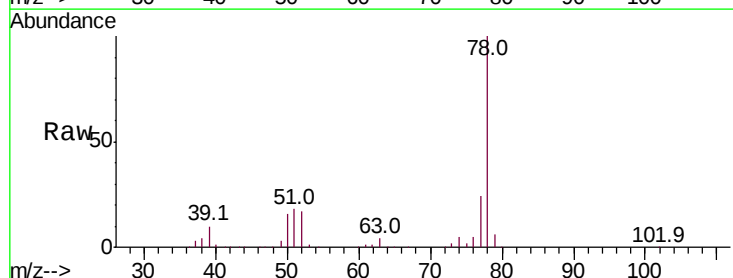
Tgt Ion: 78 Resp: 167090

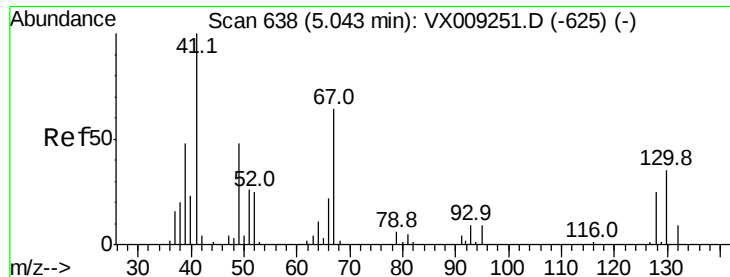
Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

51 16.6 13.5 20.3





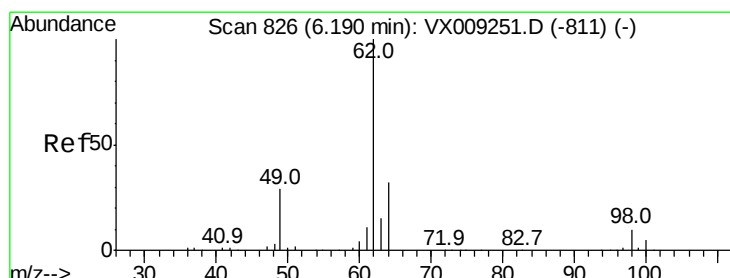
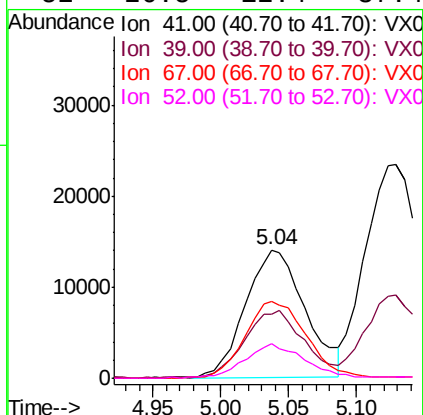
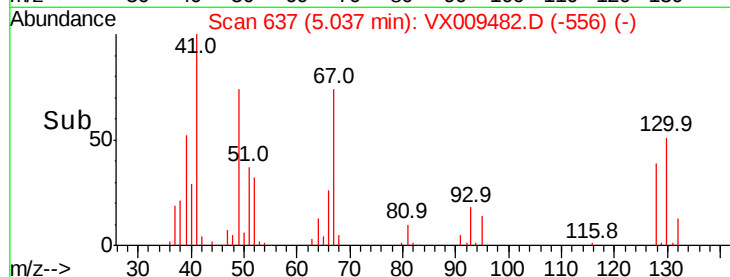
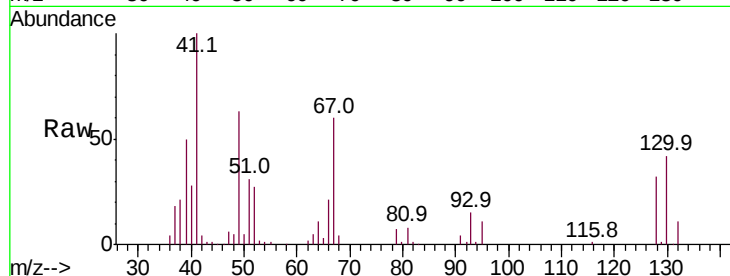
#35
Methacrylonitrile
Concen: 21.697 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.9	24.1	72.3	
67	60.2	32.2	96.6	
52	26.5	12.4	37.4	

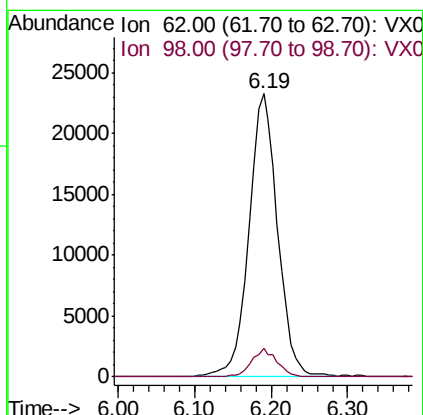
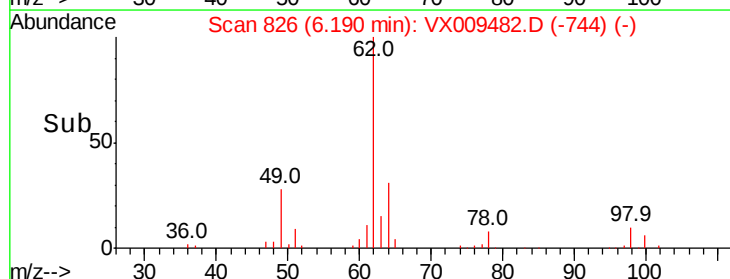
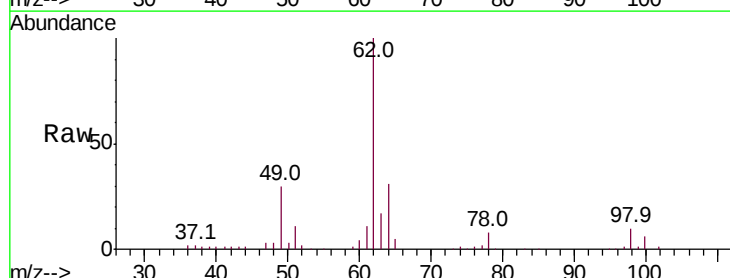
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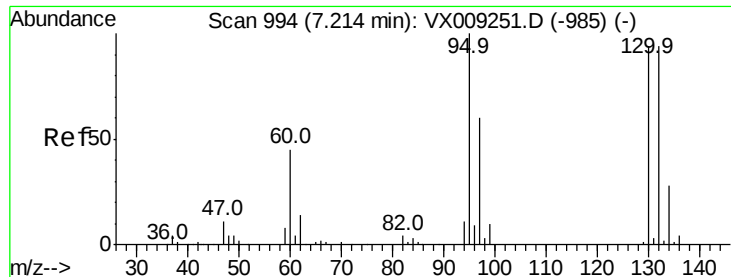
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#36
1,2-Dichloroethane
Concen: 22.456 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	7.4	11.2	





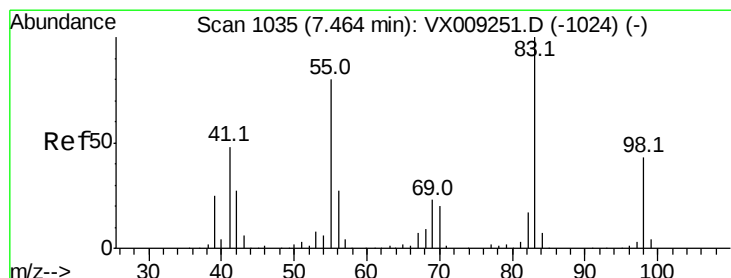
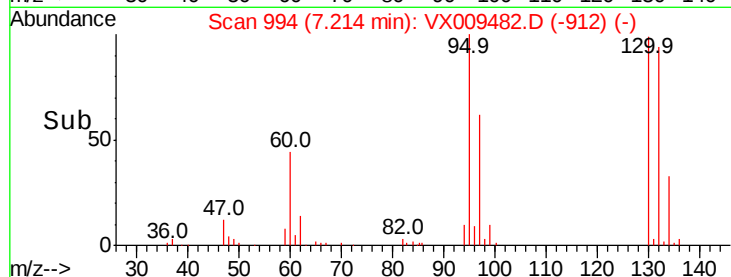
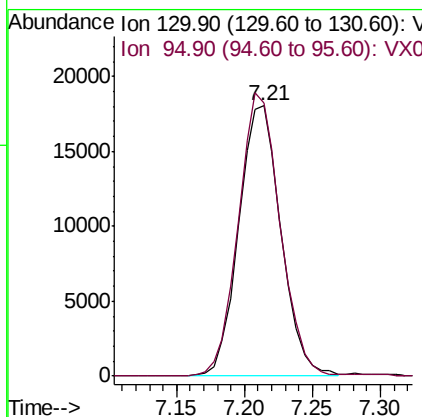
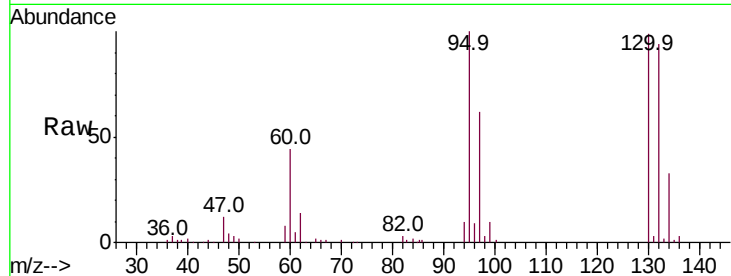
#37
 Trichloroethene
 Concen: 21.781 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 39118
 Ion Ratio Lower Upper
 130 100
 95 101.3 85.0 127.4

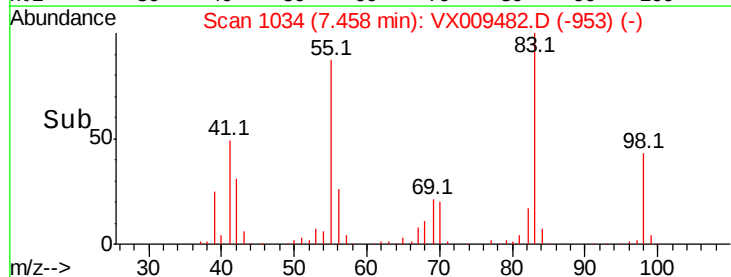
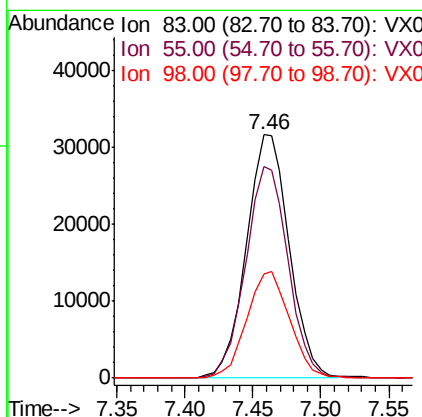
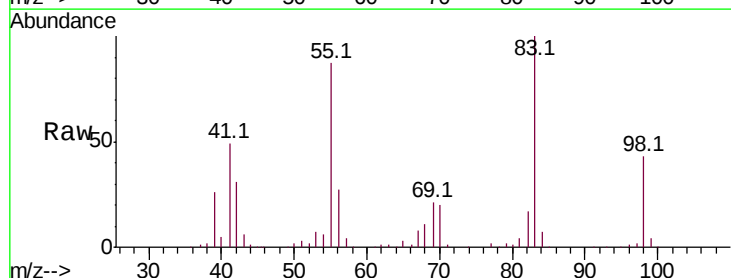
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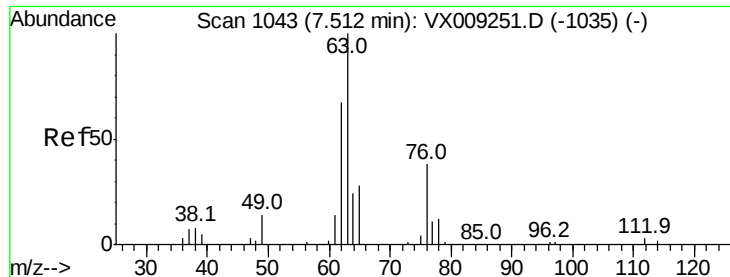
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#38
 Methylcyclohexane
 Concen: 23.371 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion: 83 Resp: 69874
 Ion Ratio Lower Upper
 83 100
 55 86.5 43.0 129.2
 98 43.8 22.1 66.1





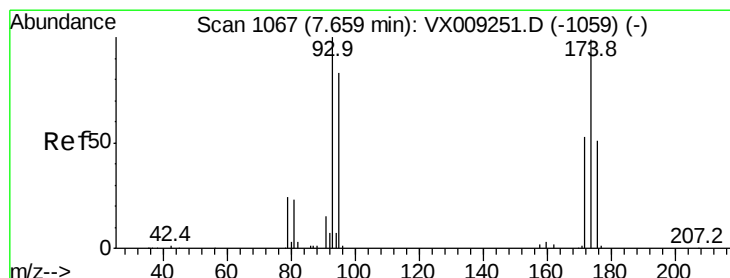
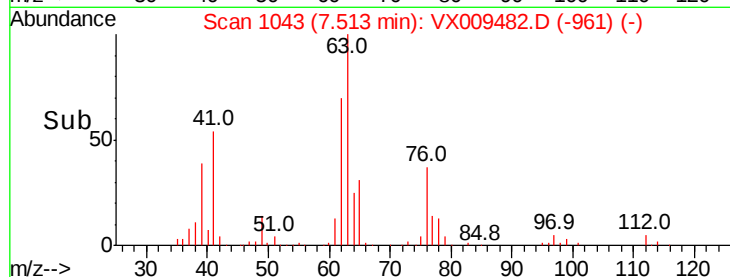
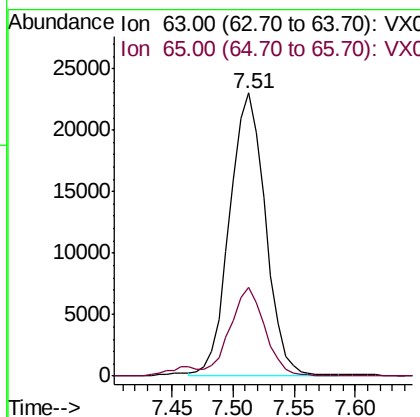
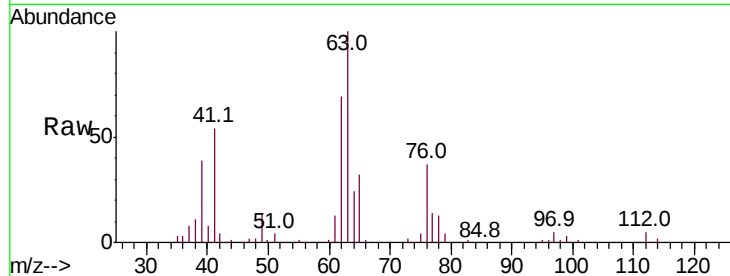
#39
 1,2-Dichloropropane
 Concen: 21.872 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 46468
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.0 36.0

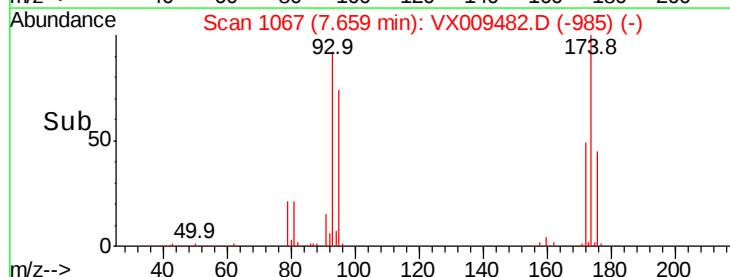
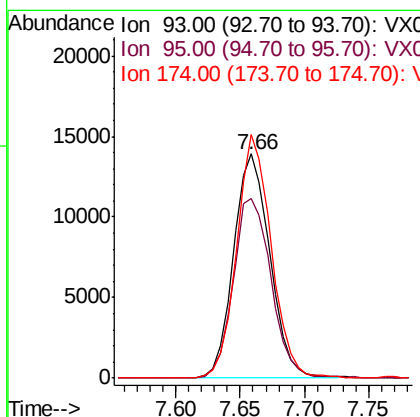
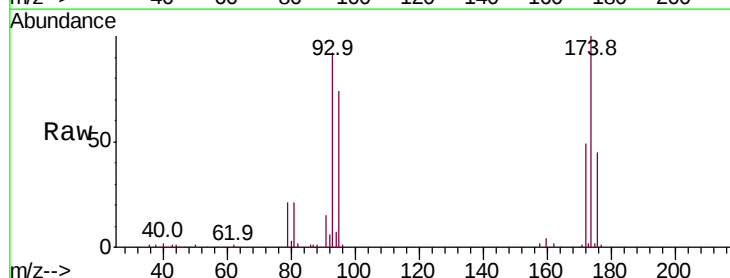
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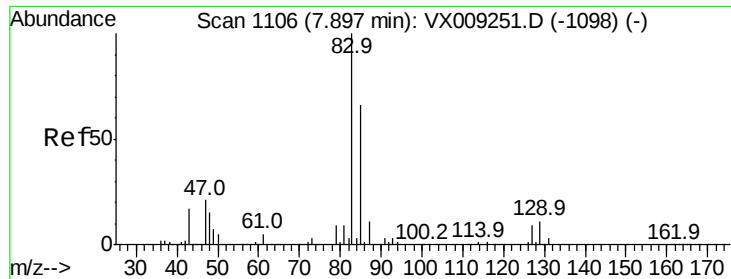
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#40
 Dibromomethane
 Concen: 22.535 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion: 93 Resp: 27173
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 167.2
 174 103.4 0.0 203.4





#41

Bromodichloromethane

Concen: 21.640 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

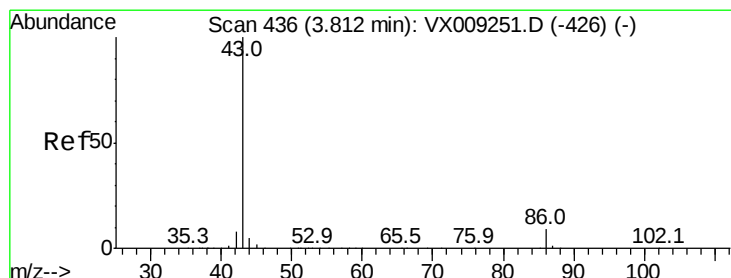
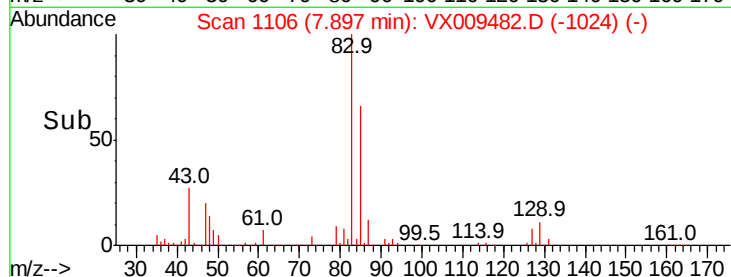
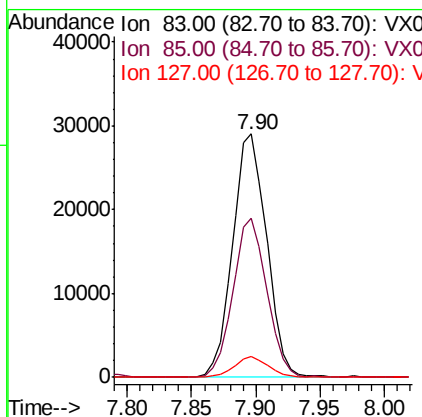
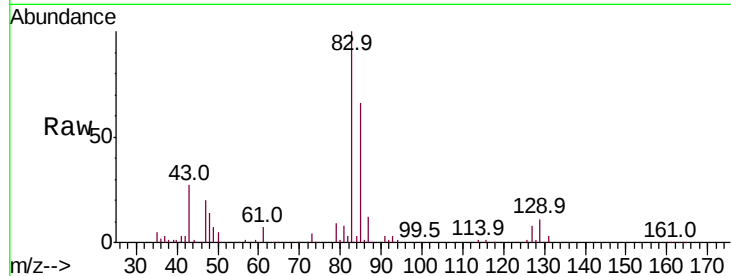
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	53301
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.6	79.0
127	8.4	6.9	10.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 112.306 ug/l

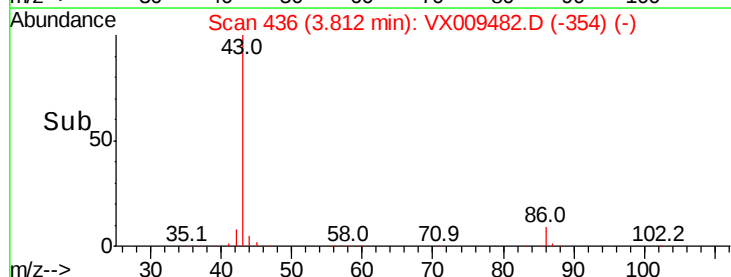
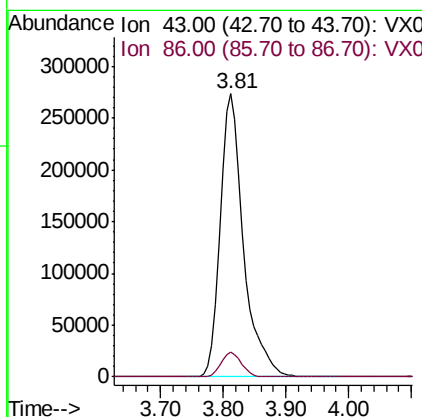
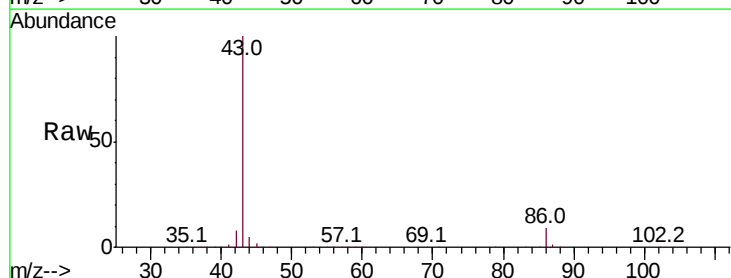
RT: 3.81 min Scan# 436

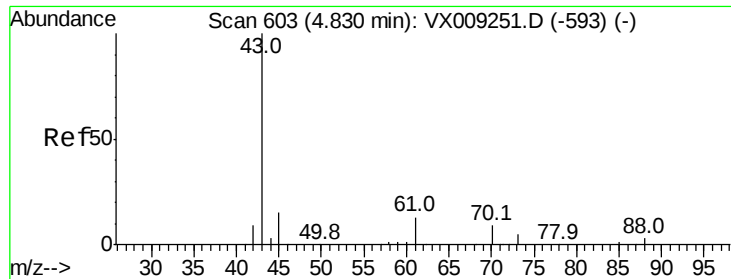
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	43	Resp:	702462
Ion Ratio	Lower	Upper	
43	100		
86	7.7	6.0	9.0





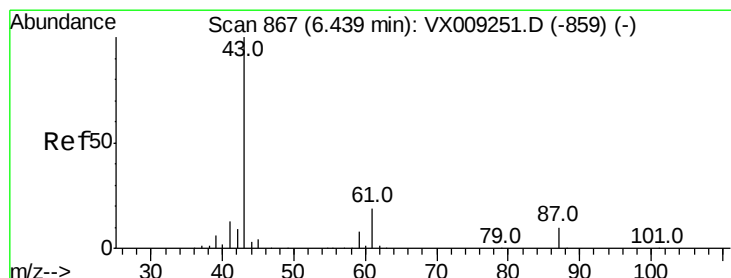
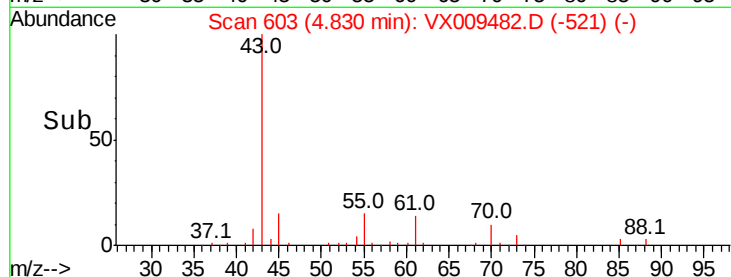
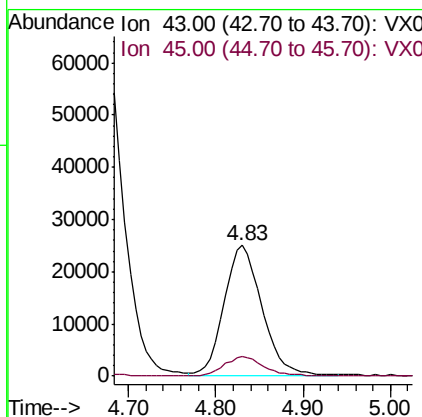
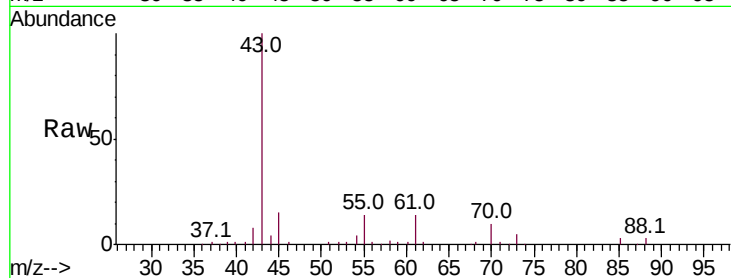
#43
Ethyl Acetate
Concen: 22.041 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 75478
Ion Ratio Lower Upper
43 100
45 15.7 11.8 17.8

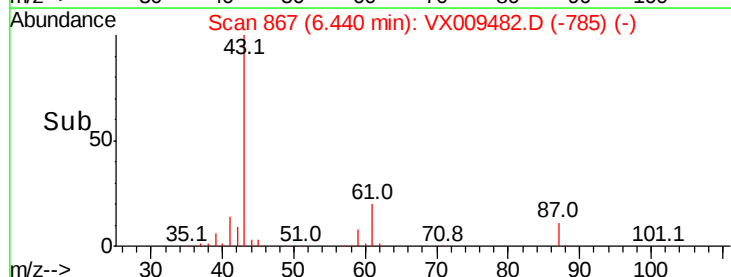
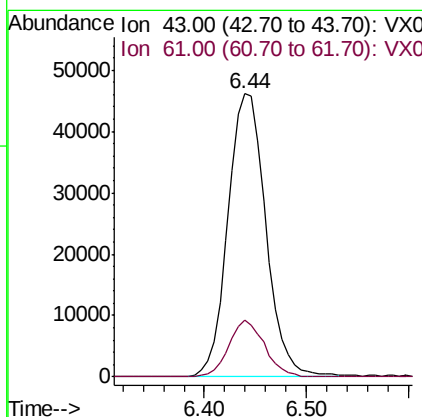
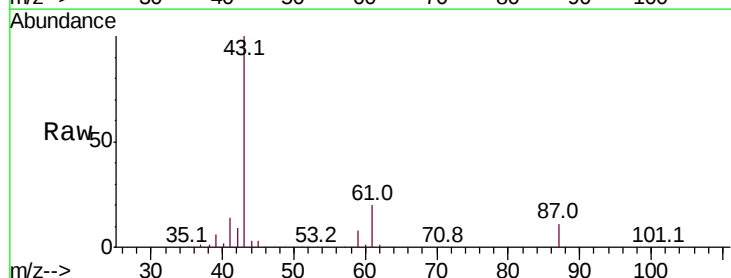
Manual Integrations
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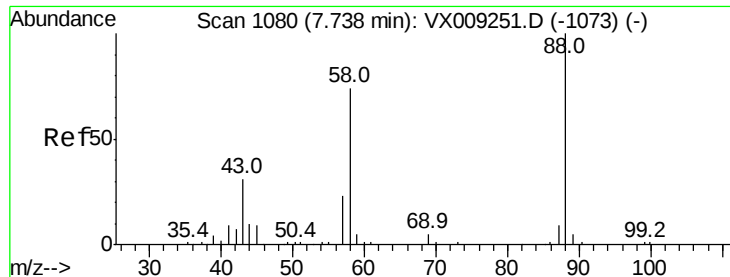
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5/11/2019 11:52:10 AM



#44
Isopropyl Acetate
Concen: 21.334 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion: 43 Resp: 118353
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.2





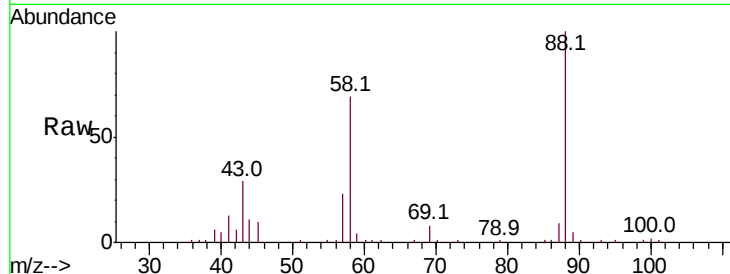
#45
1,4-Dioxane
Concen: 381.407 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	28.5	42.7
58	79.9	62.5	93.7

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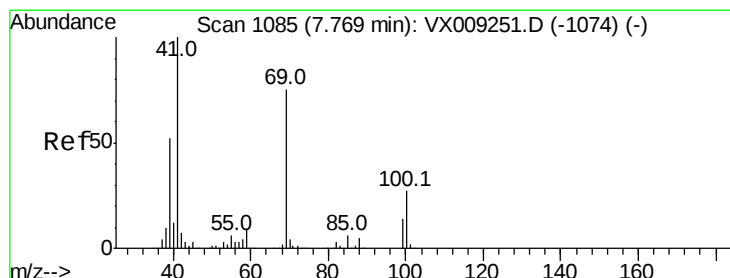
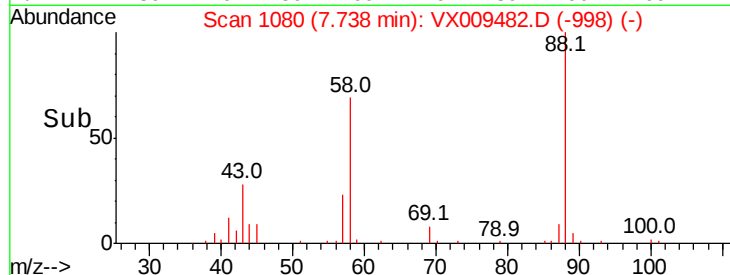
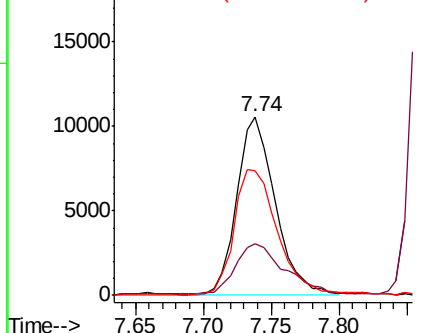


Abundance

Ion 88.00 (87.70 to 88.70): VX0

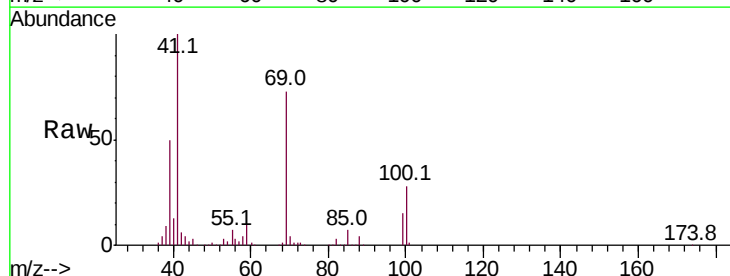
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
Methyl methacrylate
Concen: 21.728 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.2	37.6	112.8
39	50.0	25.8	77.3

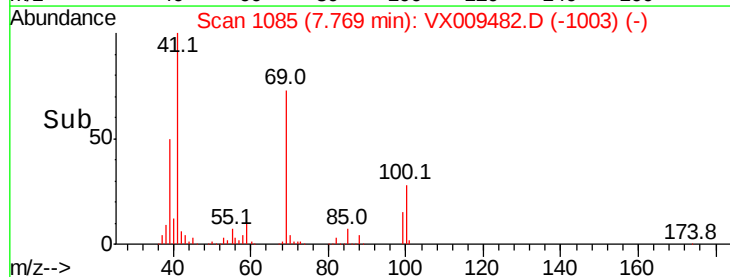
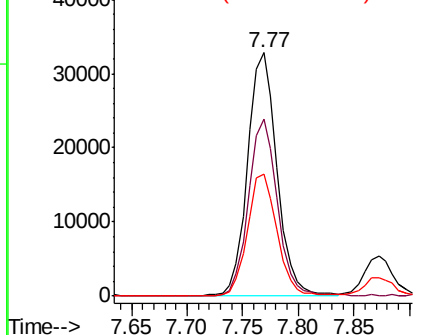


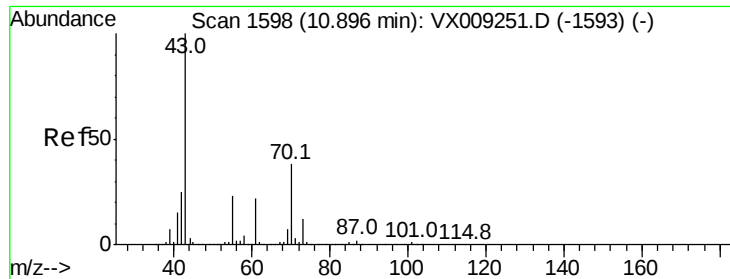
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





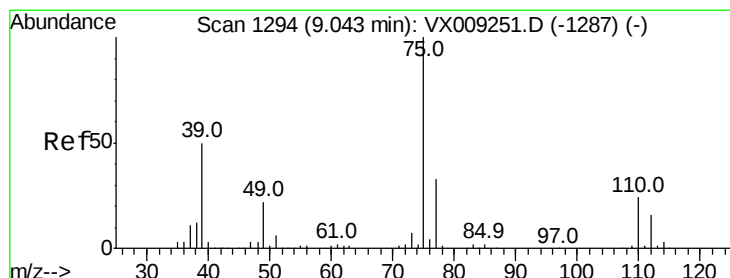
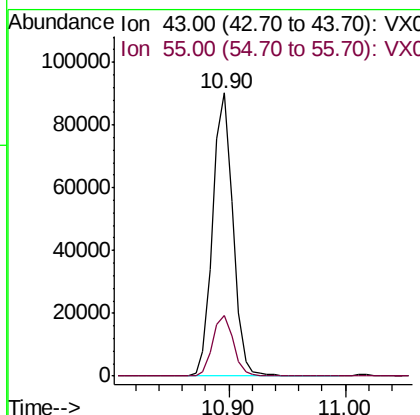
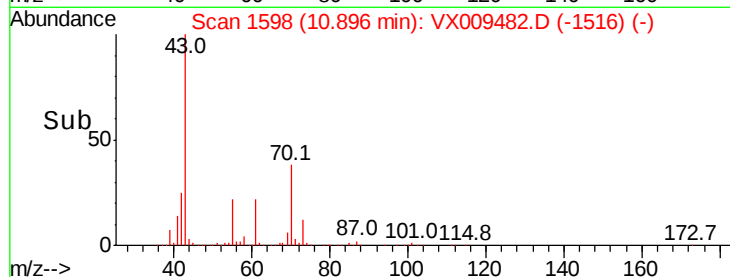
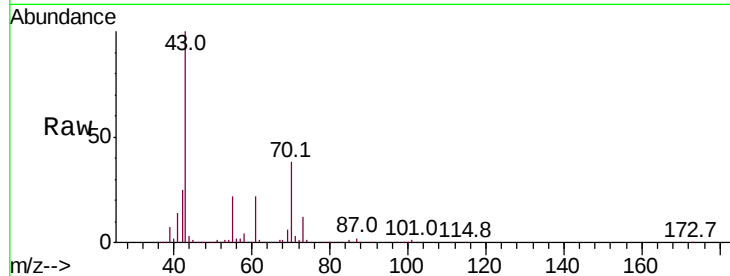
#47
n-amvl Acetate
Concen: 21.434 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 107118
Ion Ratio Lower Upper
43 100
55 22.1 18.2 27.4

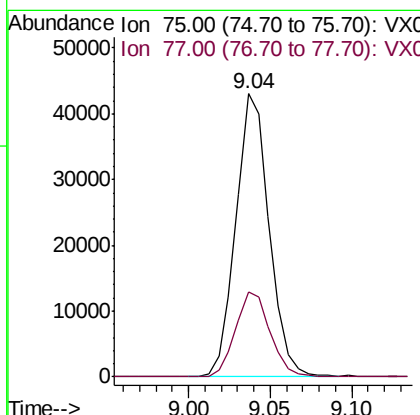
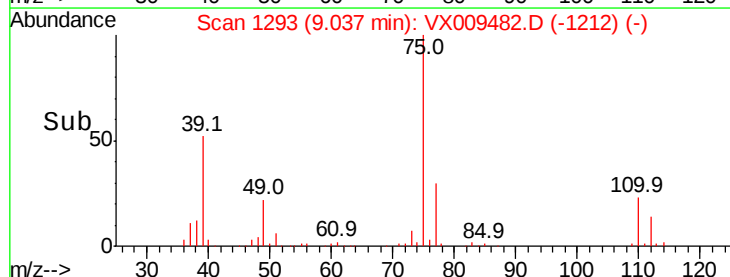
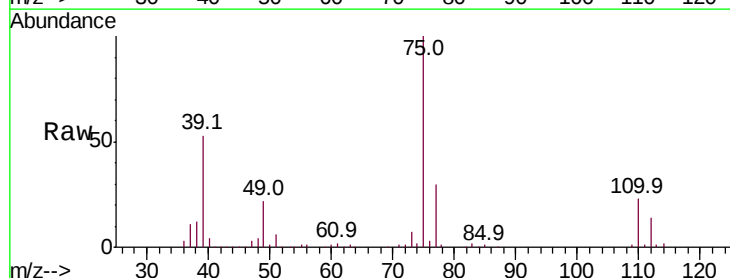
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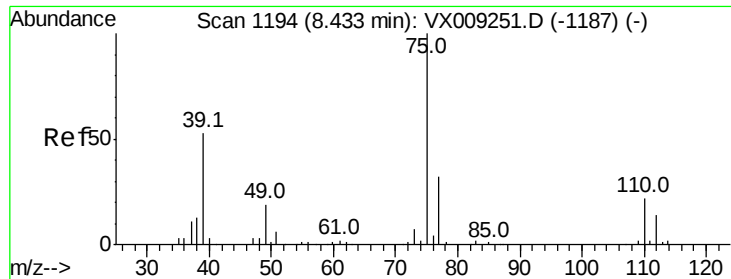
MMDadoda
5/11/2019 11:52:10 AM



#48
t-1,3-Dichloropropene
Concen: 21.304 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion: 75 Resp: 61225
Ion Ratio Lower Upper
75 100
77 30.1 26.5 39.7





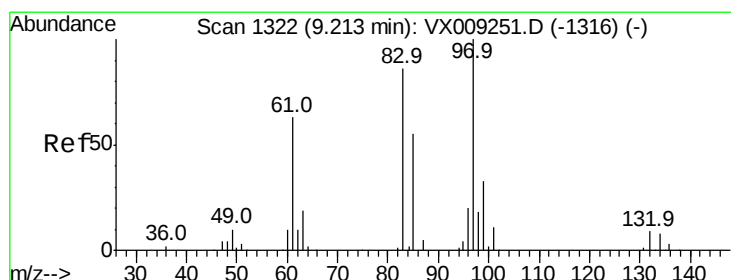
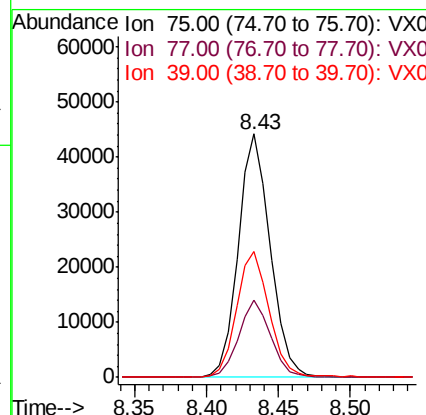
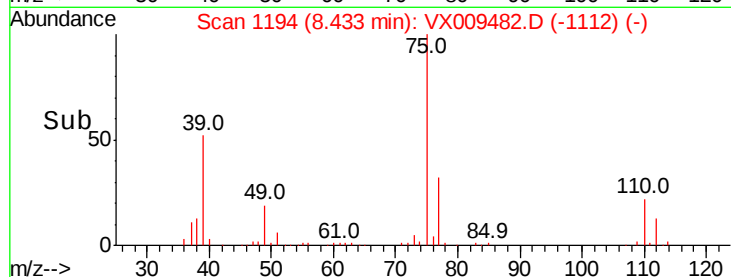
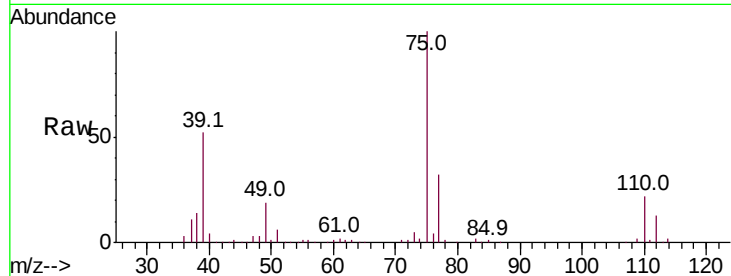
#49
 cis-1,3-Dichloropropene
 Concen: 21.657 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.0	39.0
39	51.7	42.6	63.8

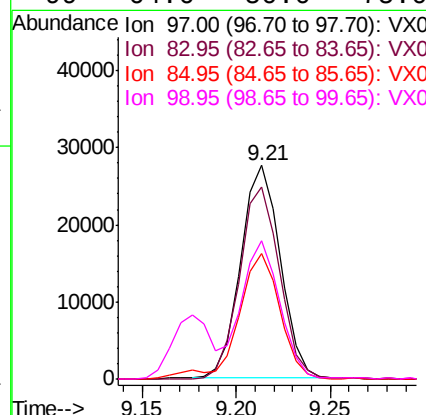
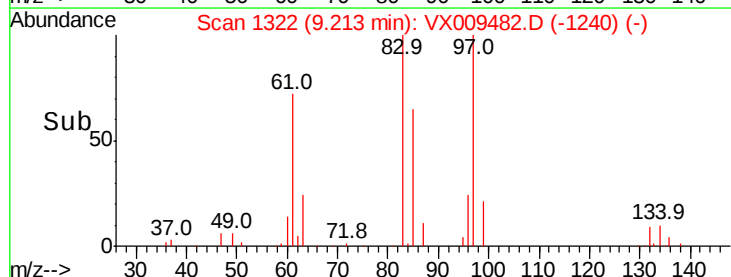
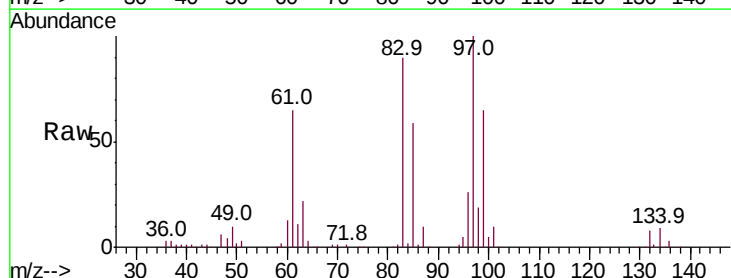
Manual Integrations
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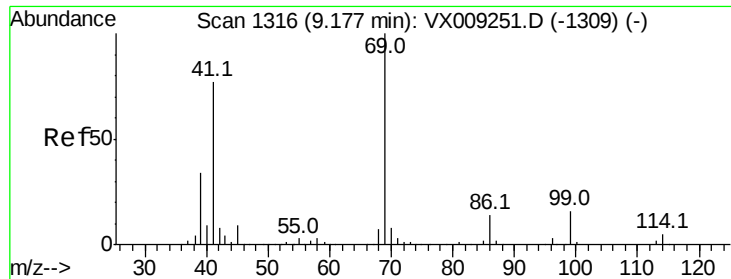
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#50
 1,1,2-Trichloroethane
 Concen: 21.694 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.8	103.2
85	58.7	45.8	68.6
99	64.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 21.459 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

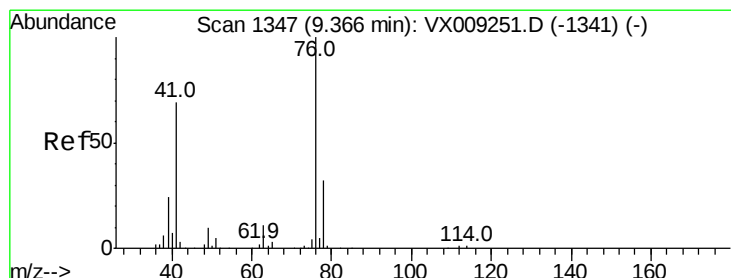
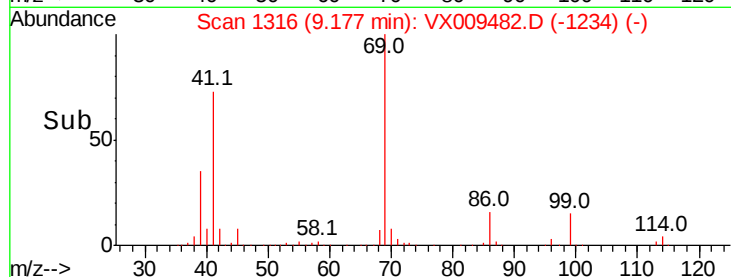
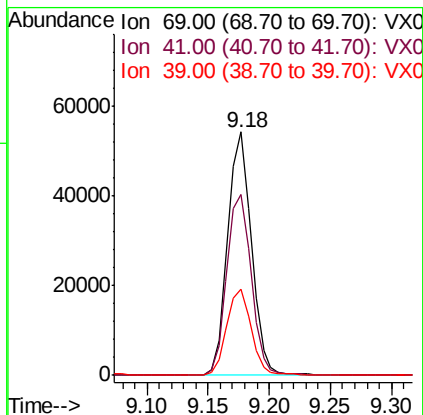
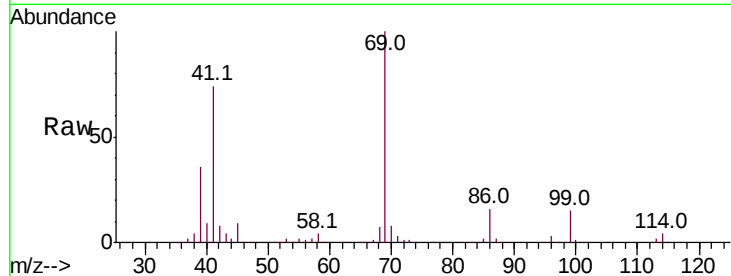
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	73261
Ion	Ratio	Lower	Upper
69	100		
41	73.9	38.4	115.2
39	35.4	17.2	51.5

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#52

1,3-Dichloropropane

Concen: 21.960 ug/l

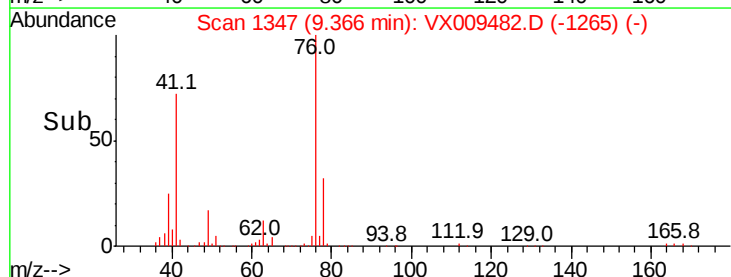
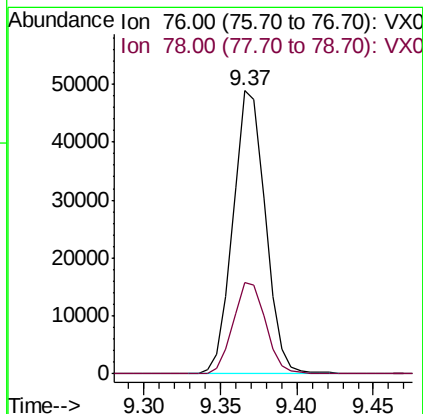
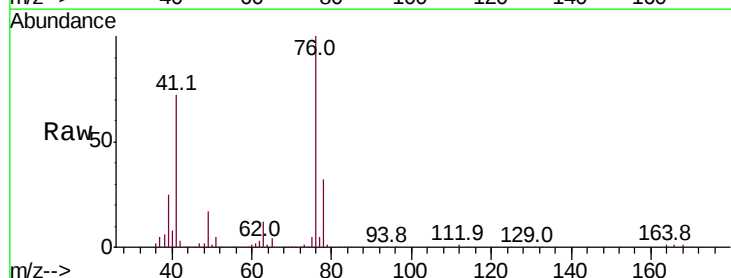
RT: 9.37 min Scan# 1347

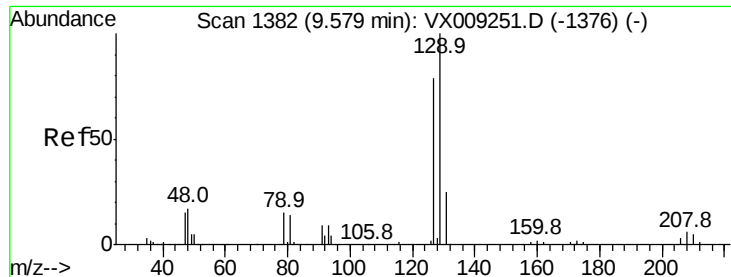
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	76	Resp:	72000
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.2





#53

Dibromochloromethane

Concen: 21.777 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 40067

Ion Ratio Lower Upper

129 100

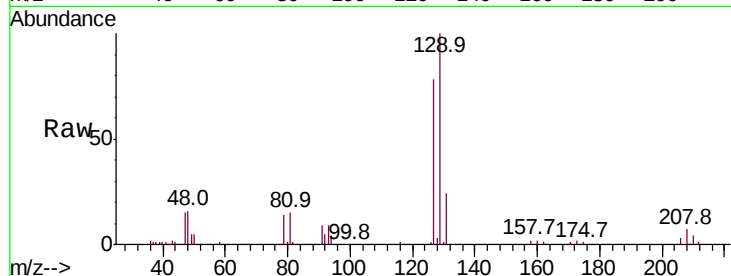
127 77.9 39.1 117.5

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

30000

25000

20000

15000

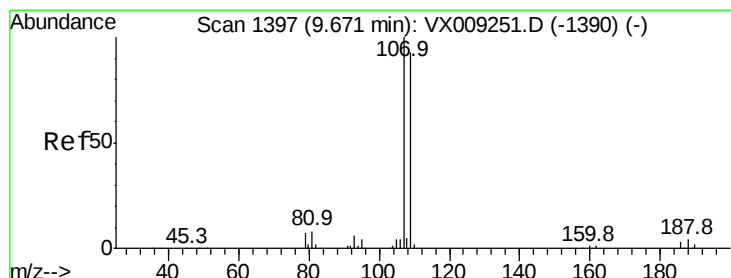
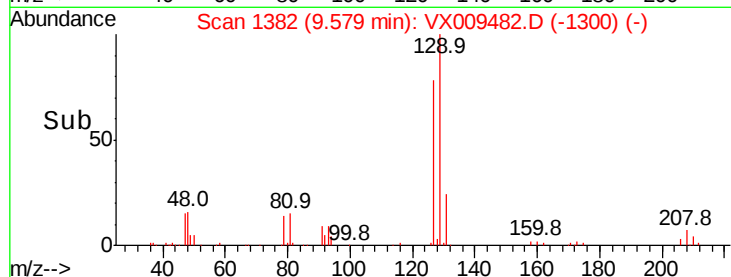
10000

5000

0

9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 22.272 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009482.D

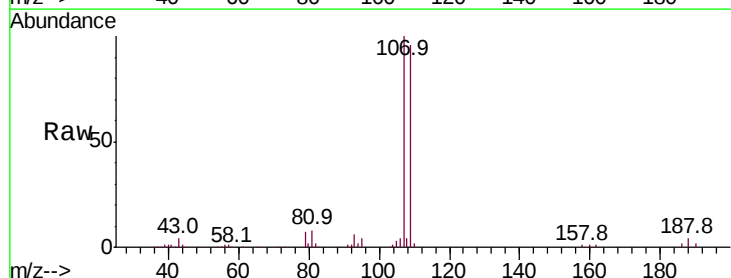
Acq: 10 May 2019 14:57

Tgt Ion:107 Resp: 42199

Ion Ratio Lower Upper

107 100

109 93.3 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

30000

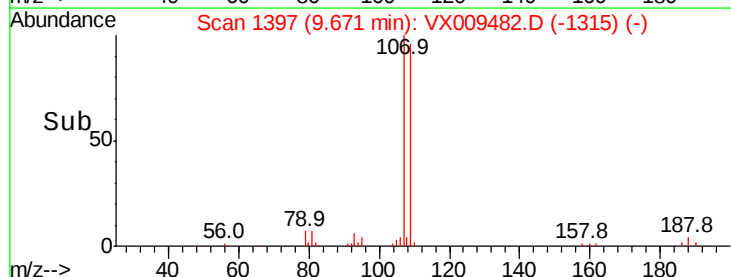
20000

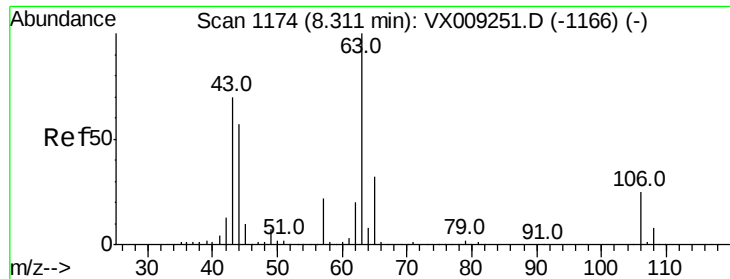
10000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 85.591 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

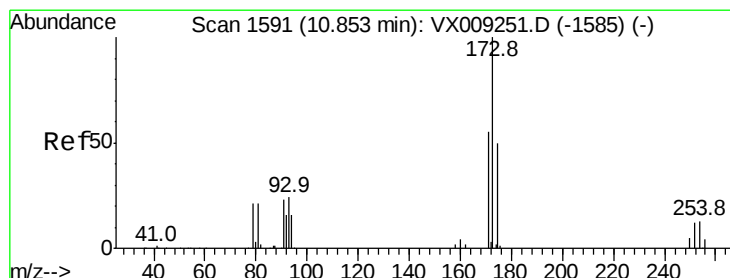
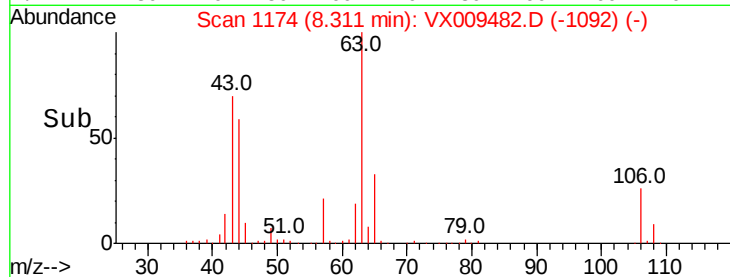
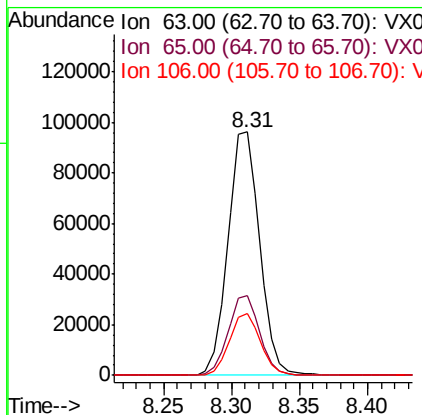
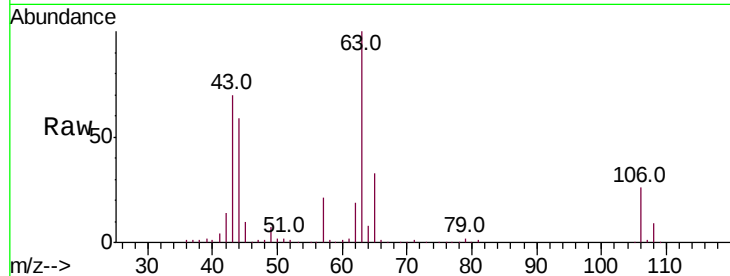
VSTDCCC020EC

Tot Ion: 63 Resp: 155706

Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	25.1	19.8	29.6

Manual Integrations
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#56

Bromoform

Concen: 20.680 ug/l

RT: 10.85 min Scan# 1591

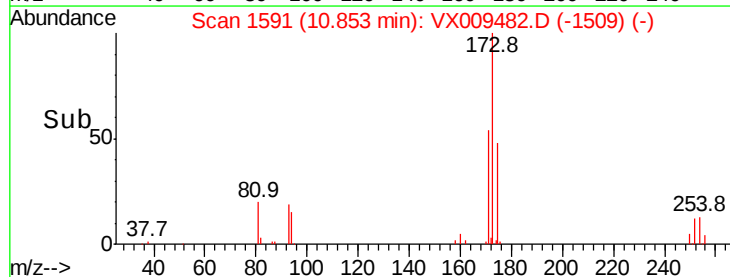
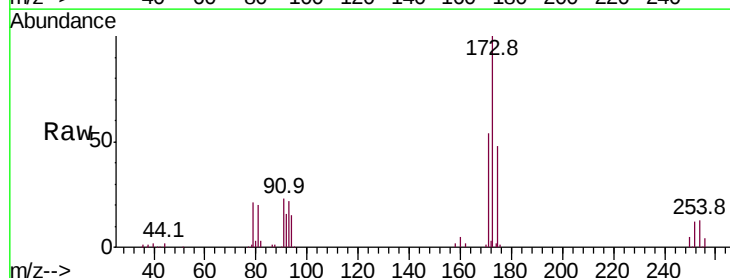
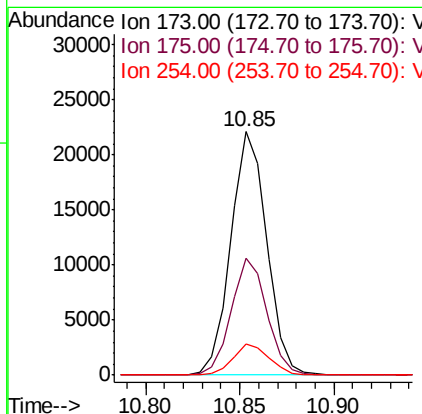
Delta R.T. 0.00 min

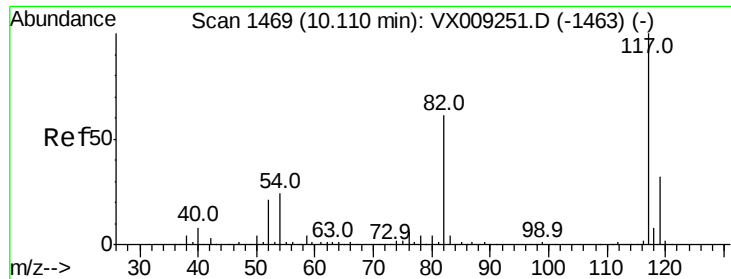
Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion: 173 Resp: 29207

Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.4	59.2
254	12.7	9.9	14.9





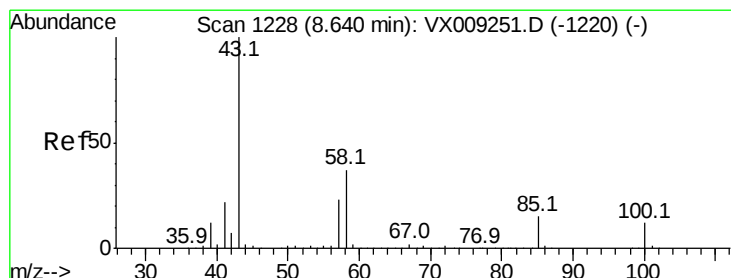
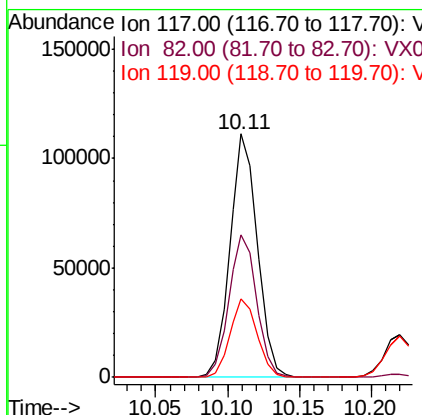
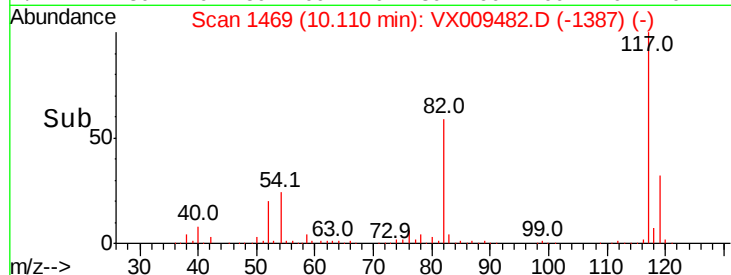
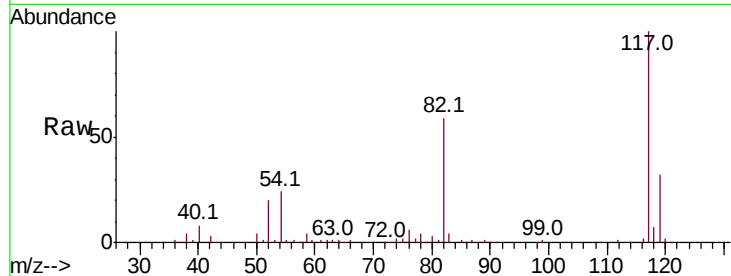
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	117	Resp:	148347
Ion Ratio	Lower	Upper	
117	100		
82	59.4	47.8	71.8
119	32.1	25.6	38.4

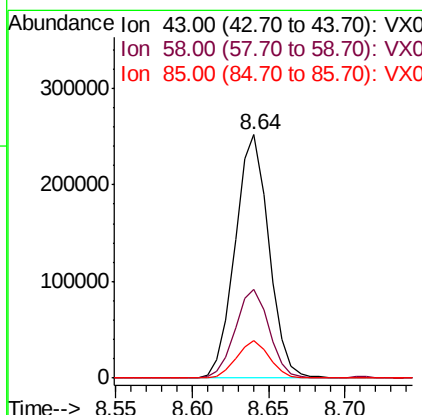
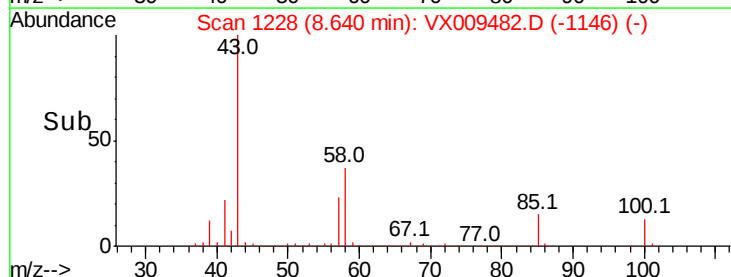
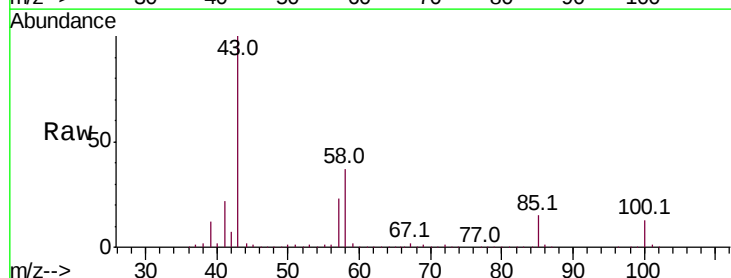
Manual Integrations
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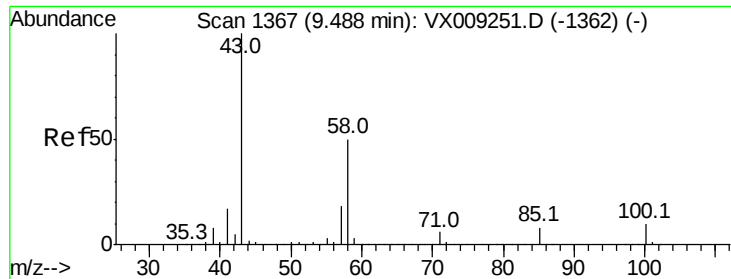
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 5/11/2019 11:52:10 AM



#58
 4-Methyl-2-Pentanone
 Concen: 105.786 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion:	43	Resp:	385873
Ion Ratio	Lower	Upper	
43	100		
58	36.7	29.4	44.0
85	14.9	11.8	17.8





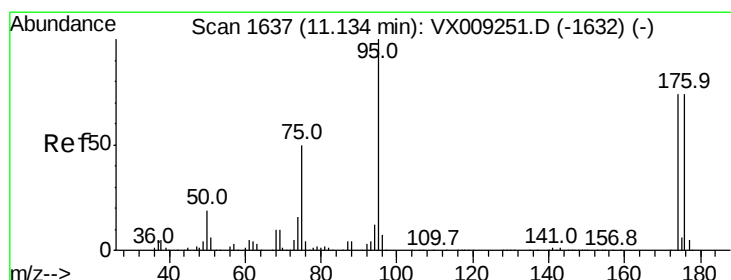
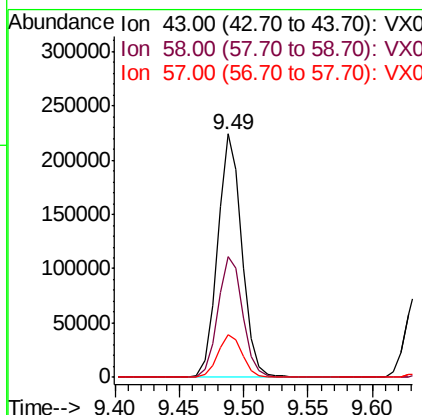
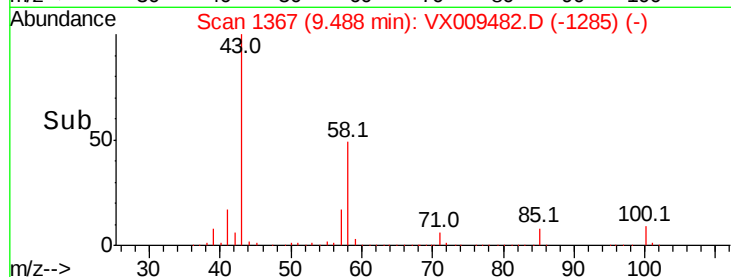
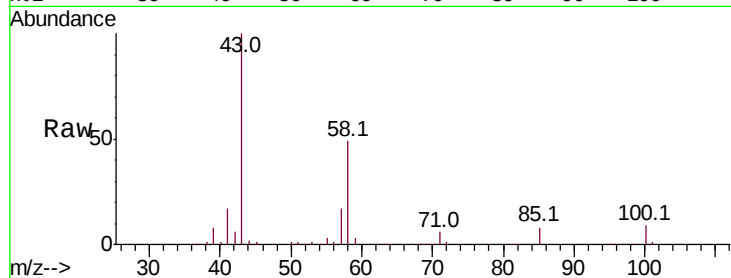
#59
2-Hexanone
Concen: 103.695 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.8	61.2
57	17.5	14.1	21.1

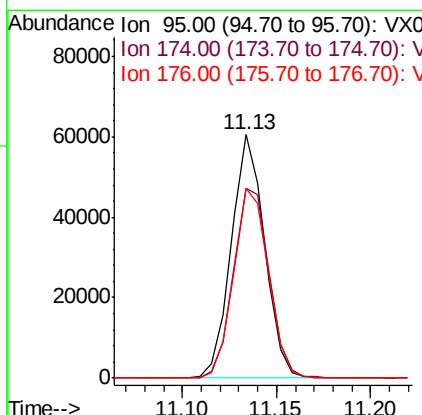
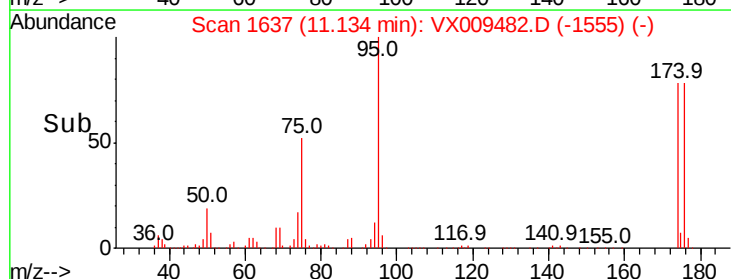
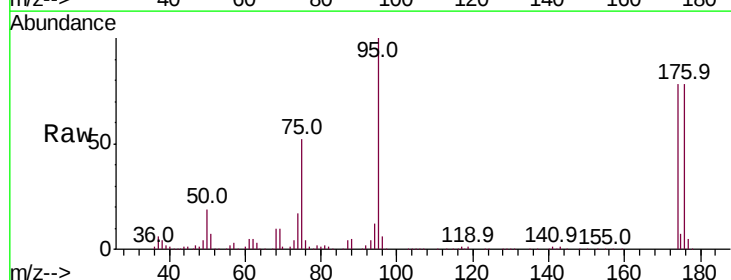
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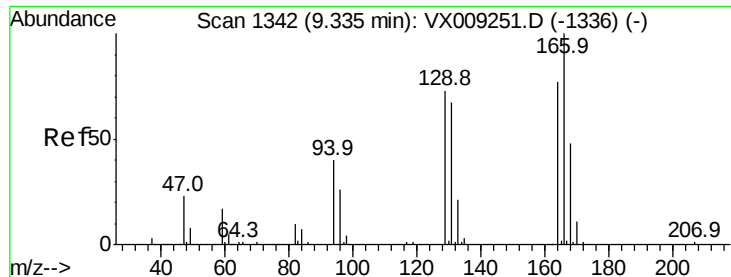
MMDadoda
5/11/2019 11:52:10 AM



#60
4-Bromofluorobenzene
Concen: 29.278 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	63.6	95.4
176	81.7	62.4	93.6





#61

Tetrachloroethene

Concen: 22.681 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 37092

Ion Ratio Lower Upper

164 100

166 129.6 104.1 156.1

129 90.8 76.0 114.0

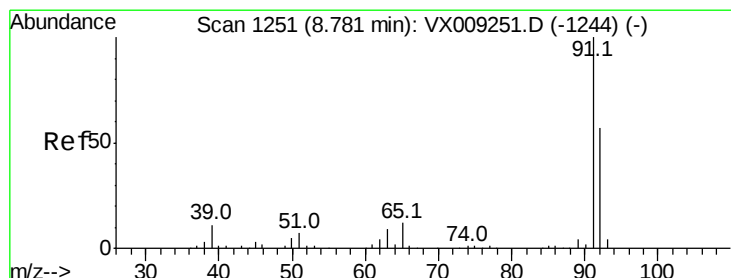
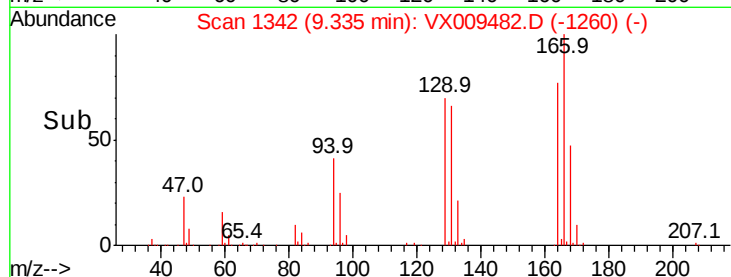
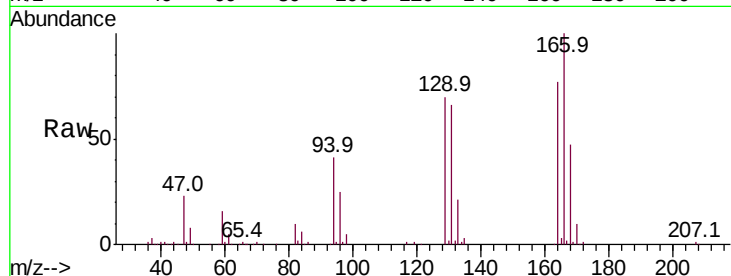
131 85.2 70.1 105.1

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#62

Toluene

Concen: 22.582 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009482.D

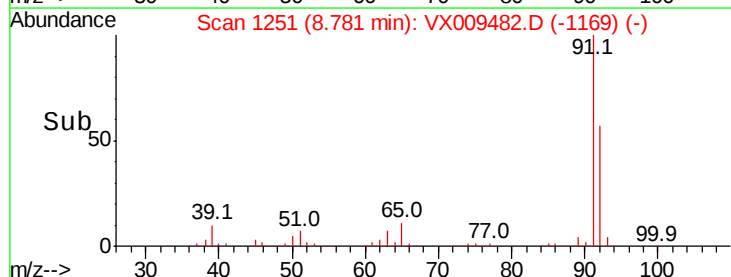
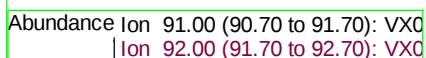
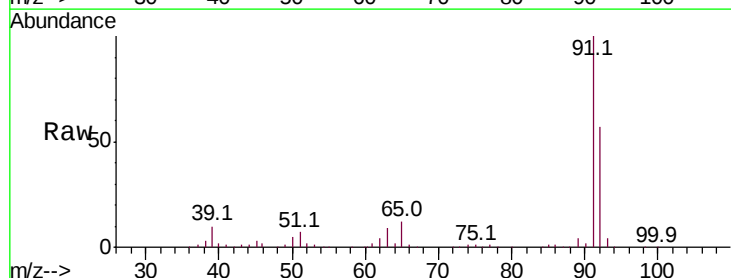
Acq: 10 May 2019 14:57

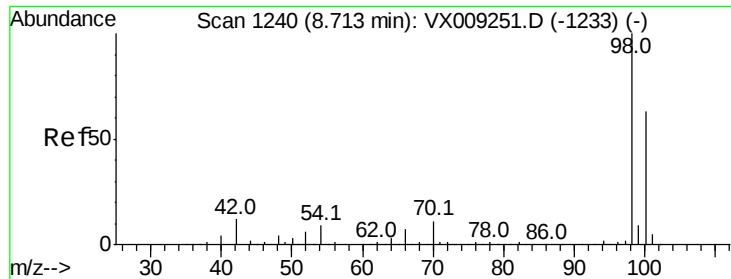
Tgt Ion: 91 Resp: 179010

Ion Ratio Lower Upper

91 100

92 57.0 46.1 69.1





#63

Toluene-d8

Concen: 29.644 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 208497

Ion Ratio Lower Upper

98 100

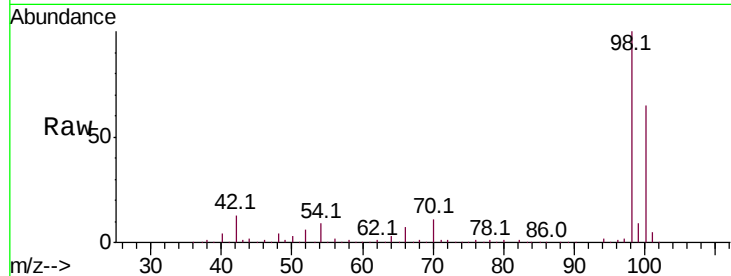
100 64.7 52.3 78.5

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Abundance Ion 98.00 (97.70 to 98.70): VX009251.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX009251.D (-1233) (-)

8.71

150000

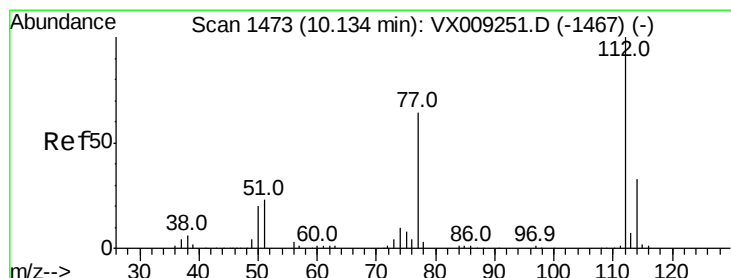
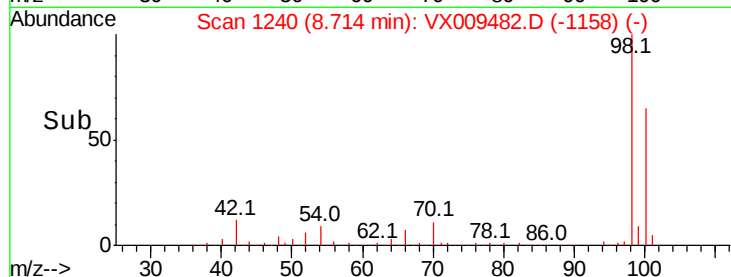
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 22.179 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009482.D

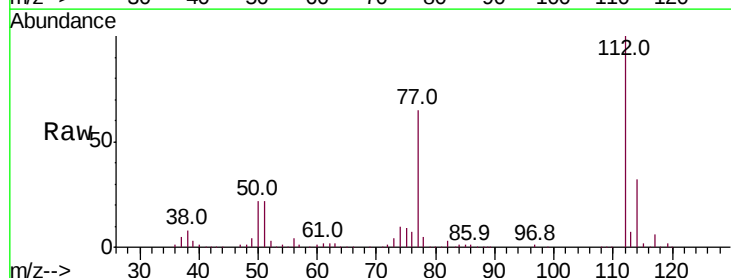
Acq: 10 May 2019 14:57

Tgt Ion: 112 Resp: 105809

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009251.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX009251.D (-1467) (-)

10.13

80000

60000

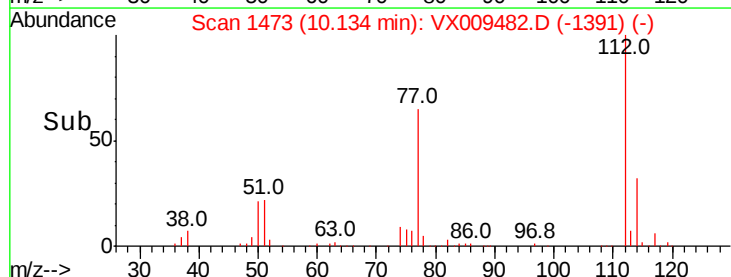
40000

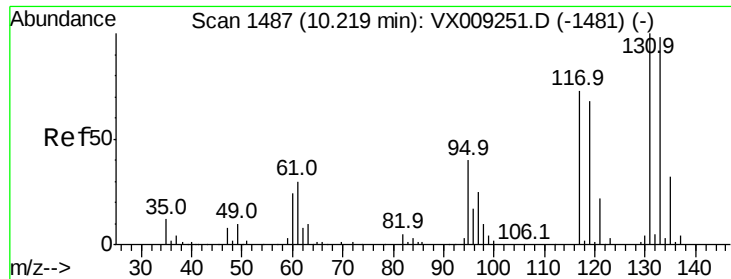
20000

0

10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 22.149 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:131 Resp: 38690

Ion Ratio Lower Upper

131 100

133 93.5 0.0 191.2

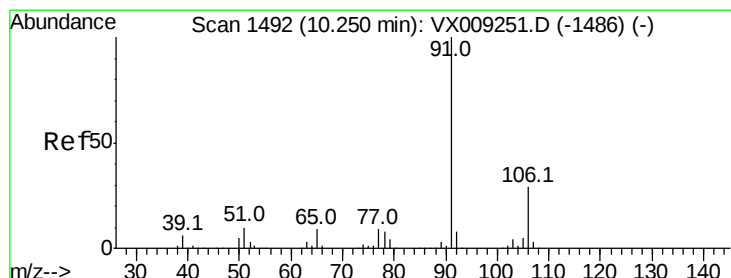
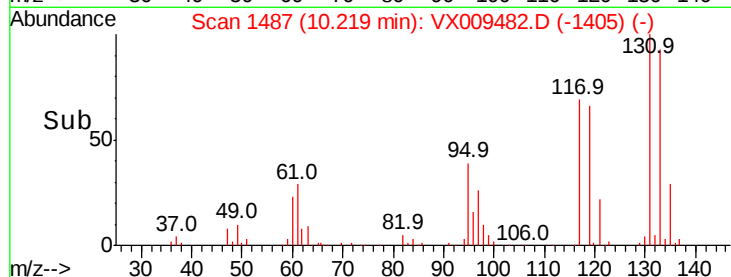
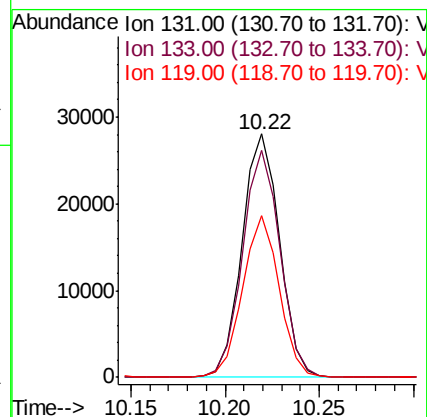
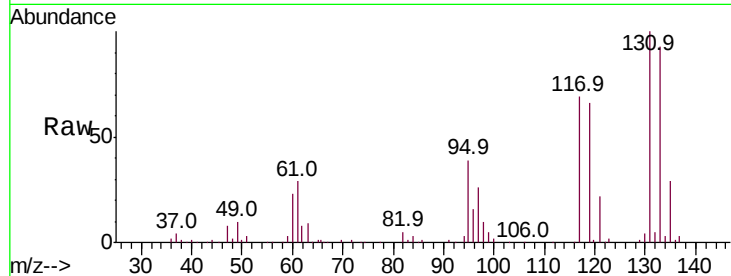
119 64.7 0.0 135.4

Manual Integrations

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#66

Ethyl Benzene

Concen: 22.406 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009482.D

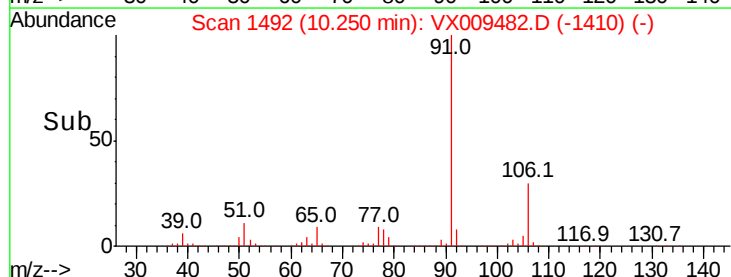
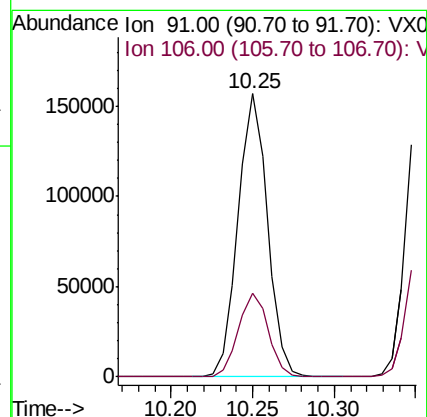
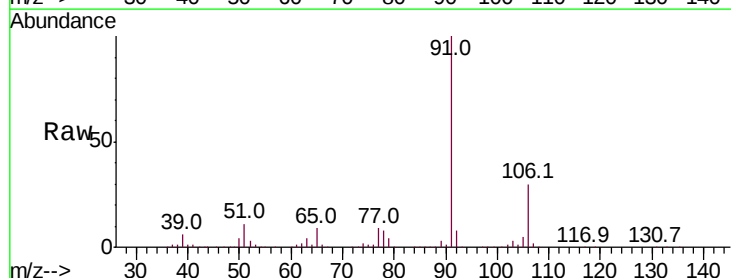
Acq: 10 May 2019 14:57

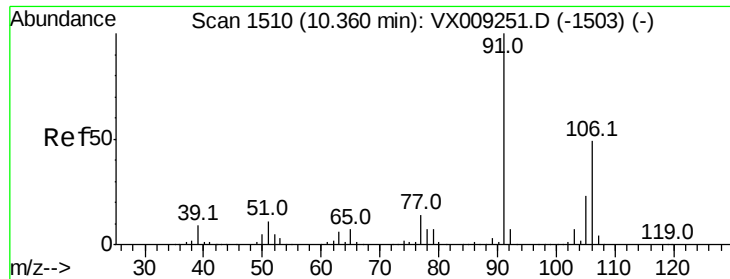
Tgt Ion: 91 Resp: 197860

Ion Ratio Lower Upper

91 100

106 29.6 23.5 35.3





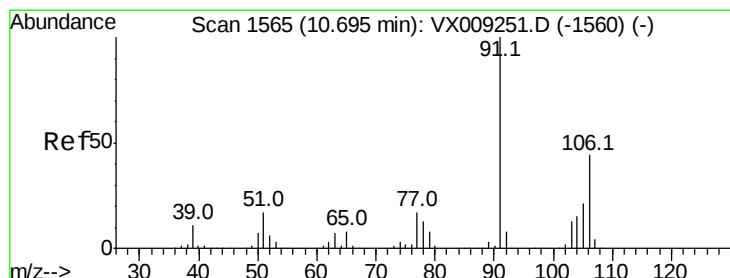
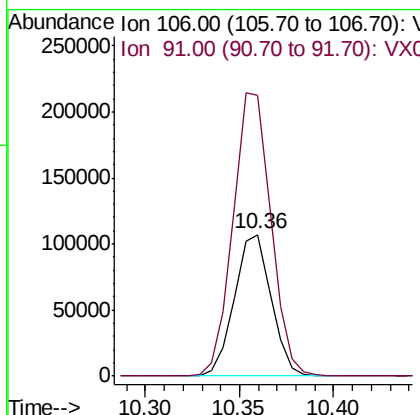
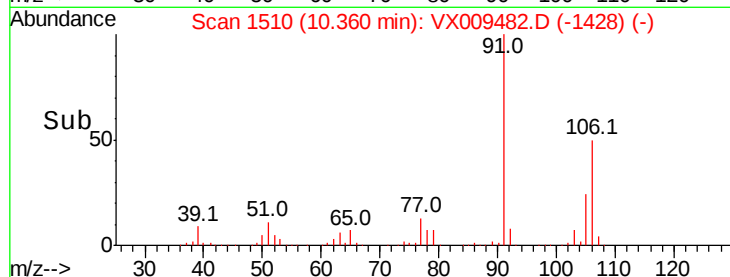
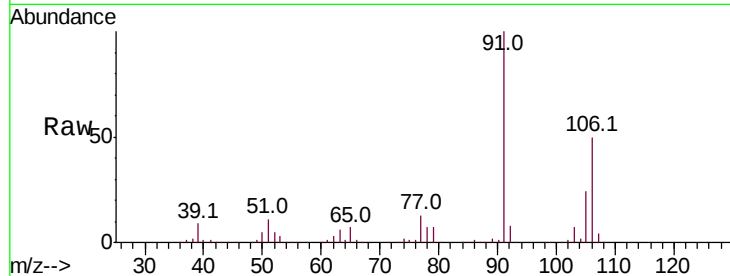
#67
m/p-Xylenes
Concen: 45.087 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 145369
Ion Ratio Lower Upper
106 100
91 206.9 166.8 250.2

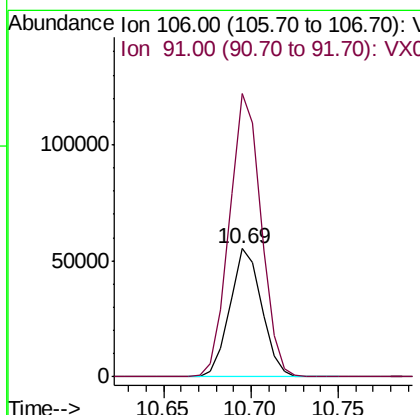
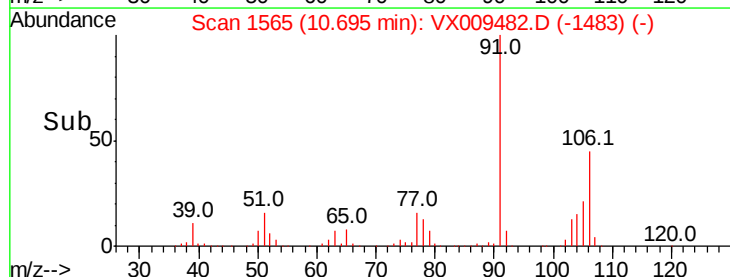
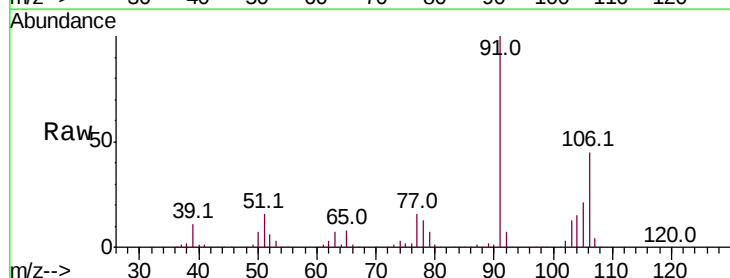
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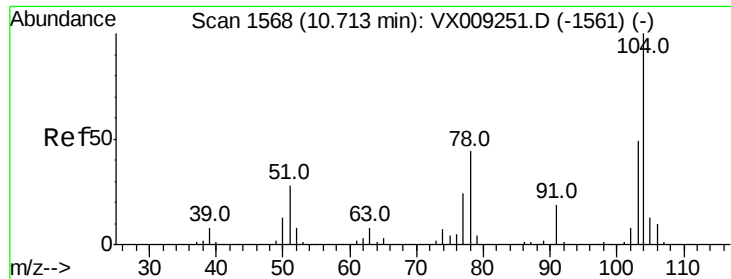
MMDadoda
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#68
o-Xylene
Concen: 22.180 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion:106 Resp: 70318
Ion Ratio Lower Upper
106 100
91 220.1 110.8 332.3





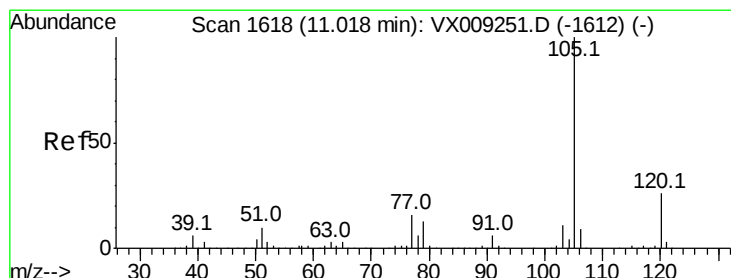
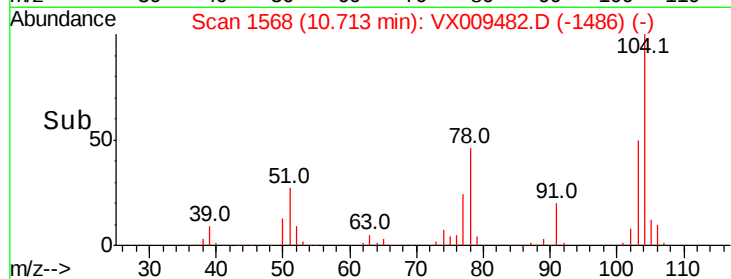
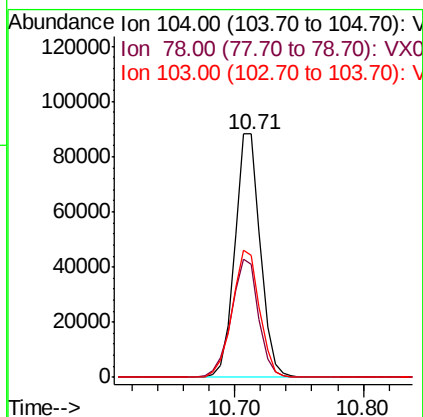
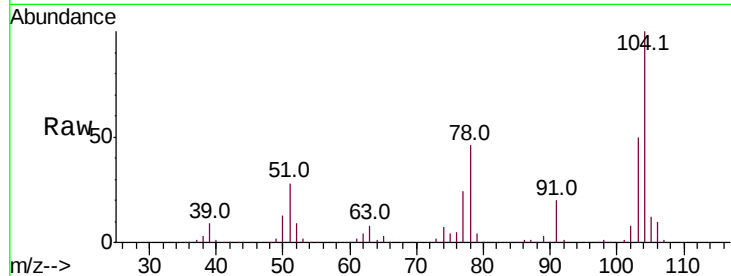
#69
Stvrene
Concen: 21.838 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.1	61.7
103	56.0	43.8	65.8

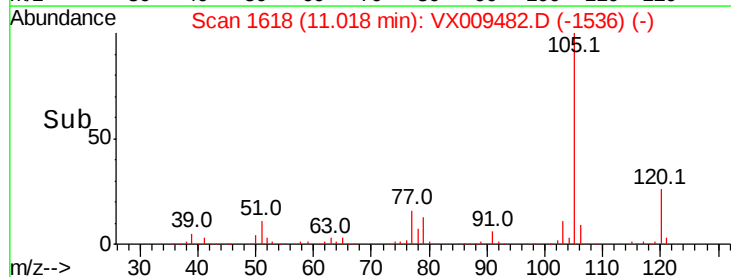
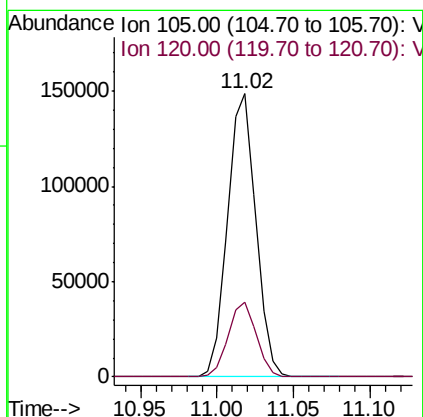
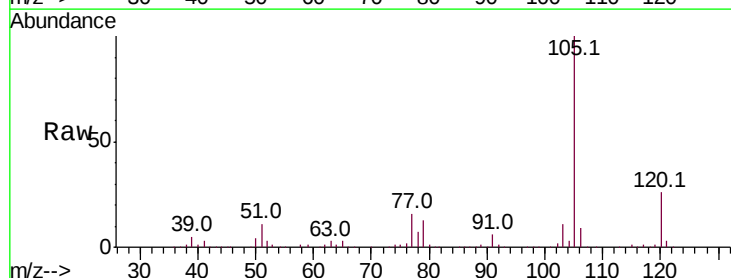
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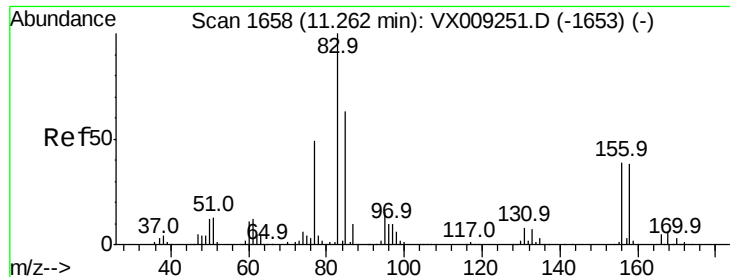
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#70
Isopropylbenzene
Concen: 22.376 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.1	33.7





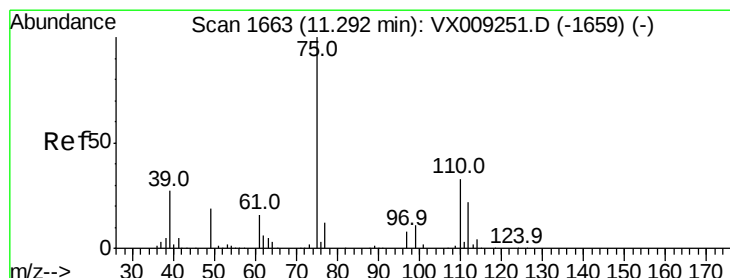
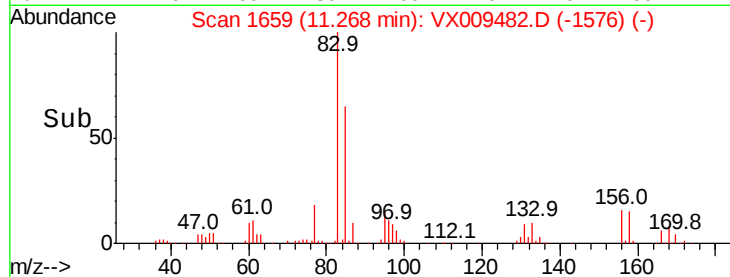
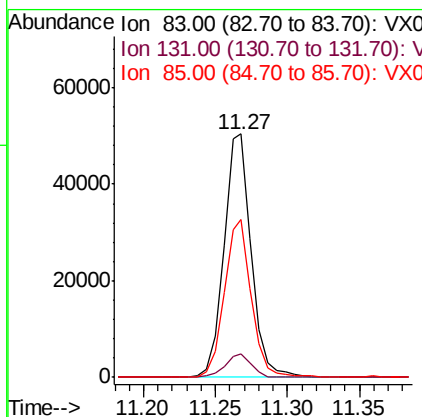
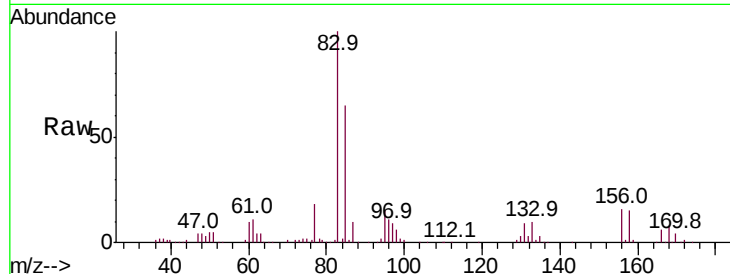
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.444 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.1	4.7	14.0	
85	64.3	32.4	97.2	

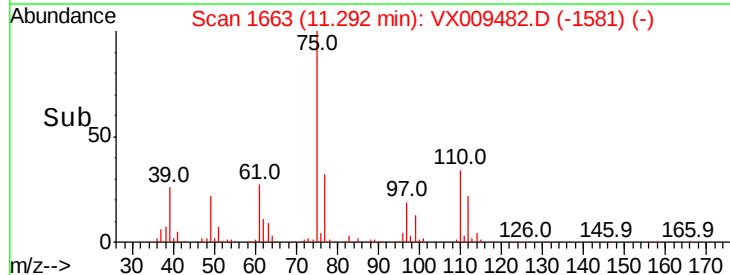
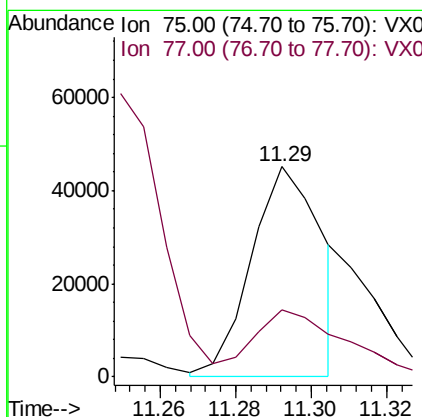
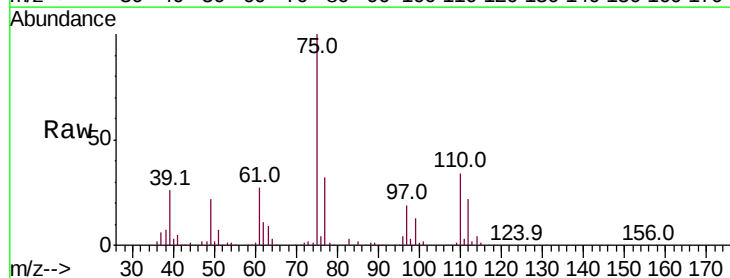
Manual Integrations
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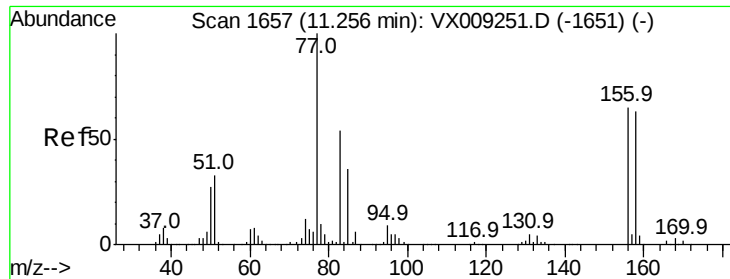
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#72
 1,2,3-Trichloropropane
 Concen: 21.655 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.8	0.0	86.4	





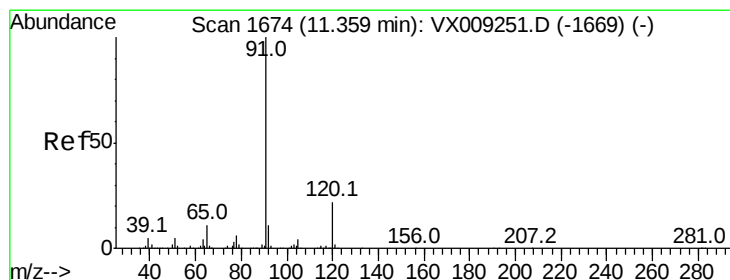
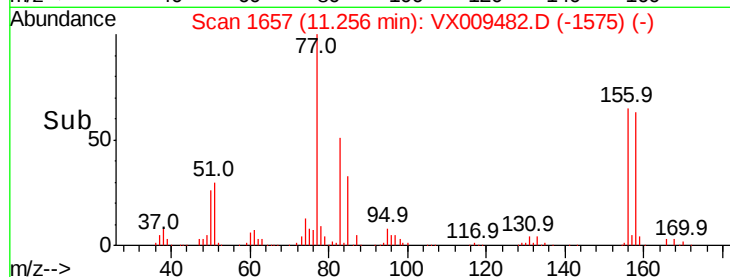
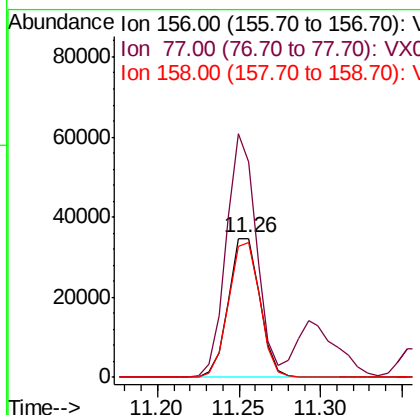
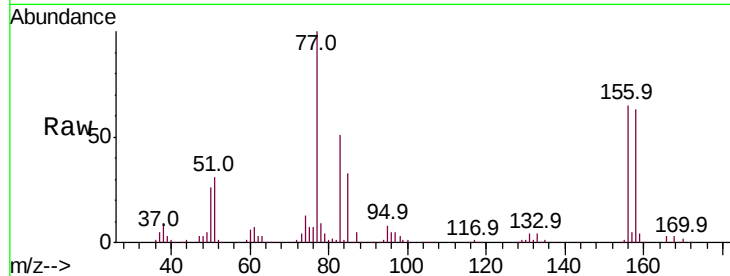
#73
Bromobenzene
Concen: 22.075 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.4	0.0	335.6
158	96.7	0.0	191.2

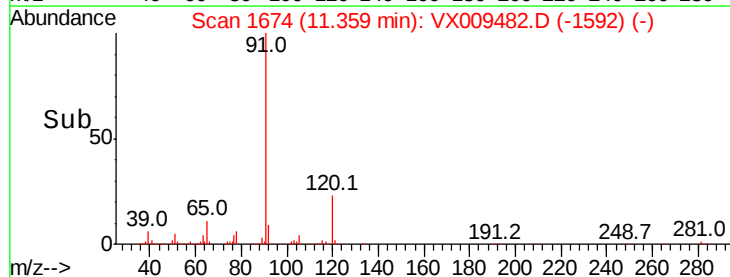
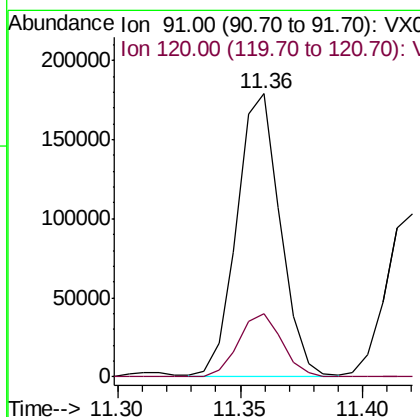
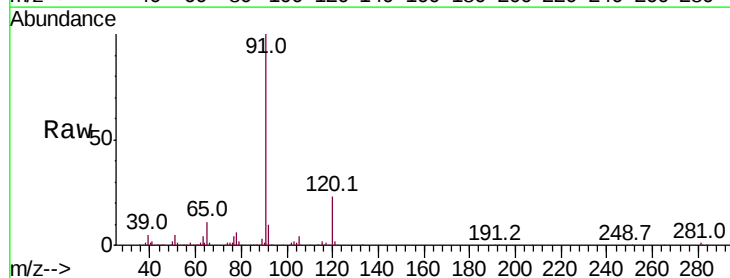
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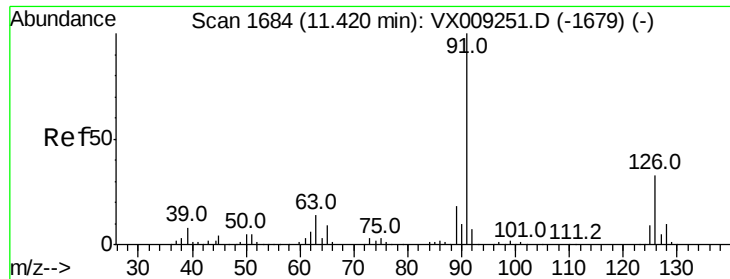
MMDadoda
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#74
n-propylbenzene
Concen: 22.369 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	43.4





#75

2-Chlorotoluene

Concen: 22.083 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 130870

Ion Ratio Lower Upper

91 100

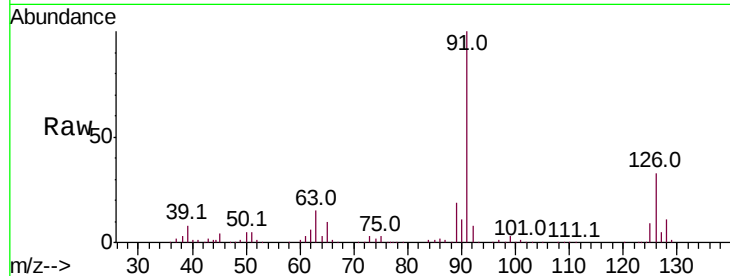
126 32.7 0.0 64.0

Manual Integrations

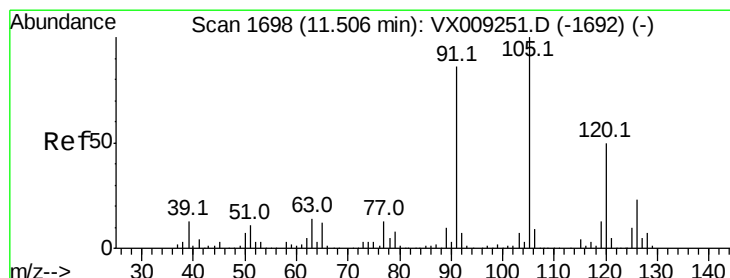
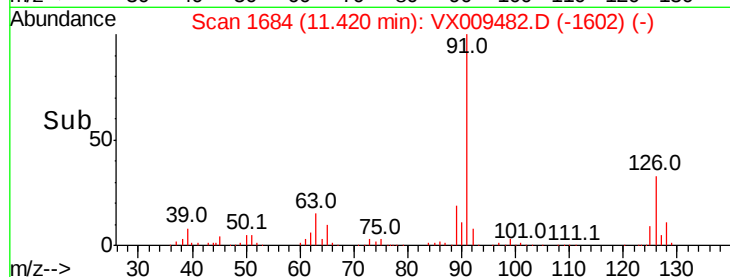
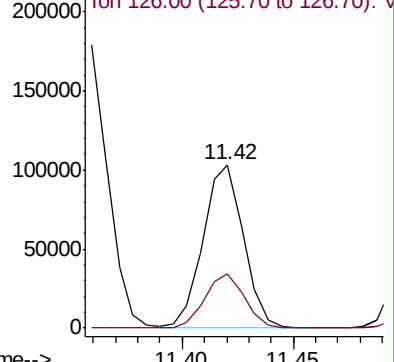
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Abundance Ion 91.00 (90.70 to 91.70): VX009482.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 22.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009482.D

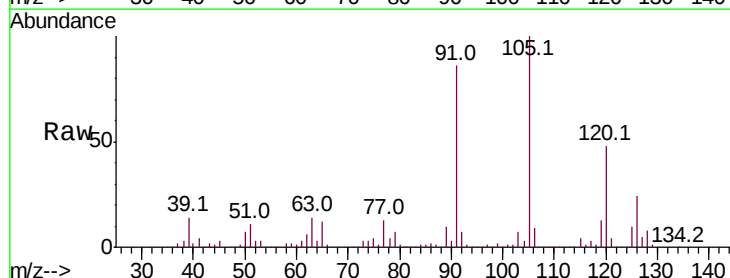
Acq: 10 May 2019 14:57

Tgt Ion: 105 Resp: 161594

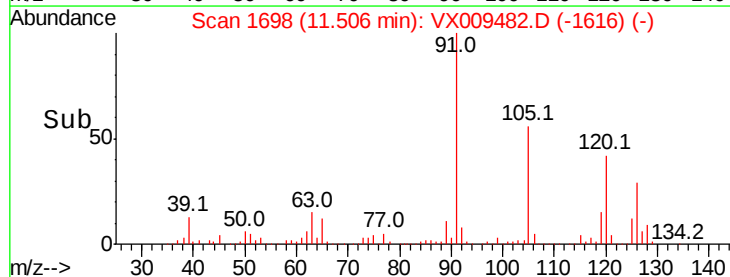
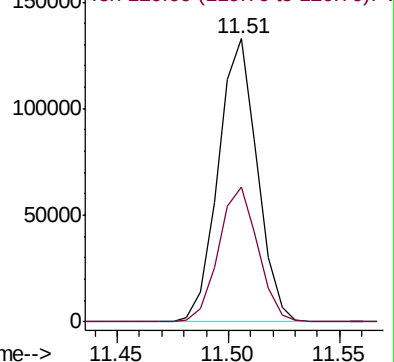
Ion Ratio Lower Upper

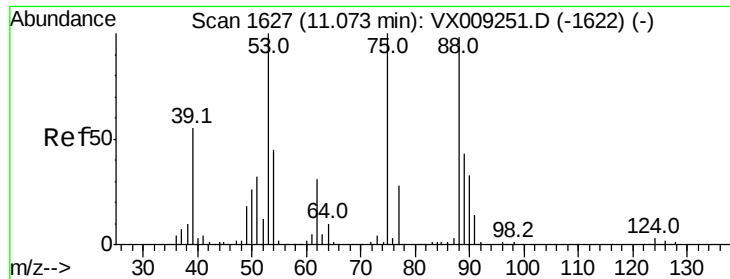
105 100

120 48.2 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009482.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 20.687 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

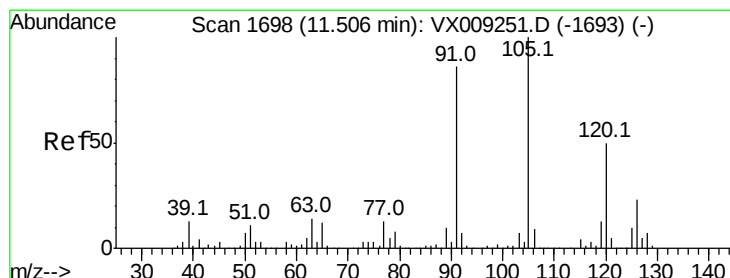
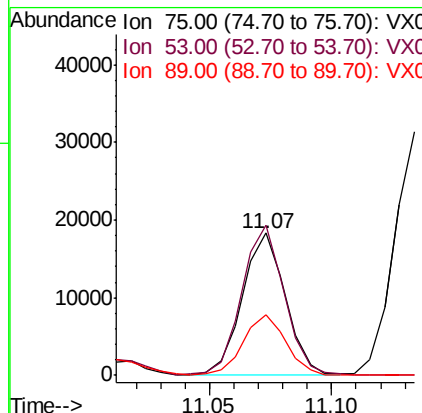
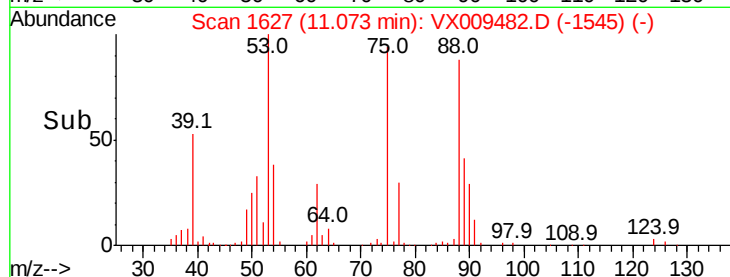
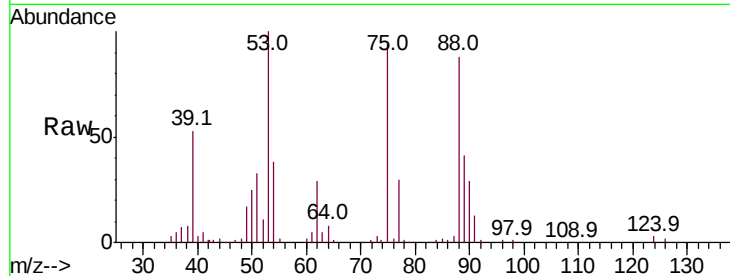
ClientSampled :

VSTDCCC020EC

Tot Ion:	75	Resp:	22454
Ion Ratio	Lower	Upper	
75	100		
53	105.6	50.0	149.8
89	42.8	21.6	65.0

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#78

4-Chlorotoluene

Concen: 22.194 ug/l

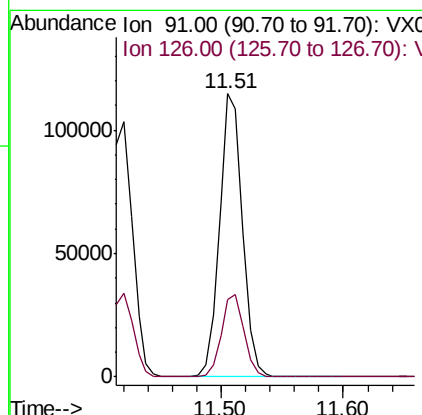
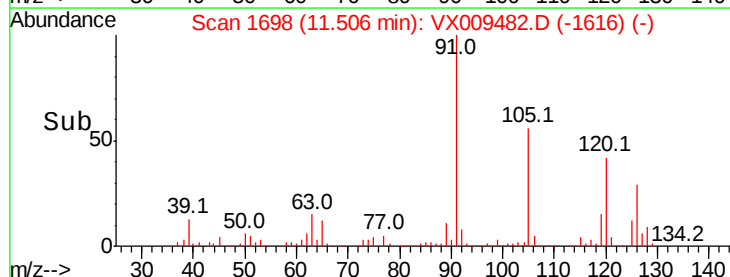
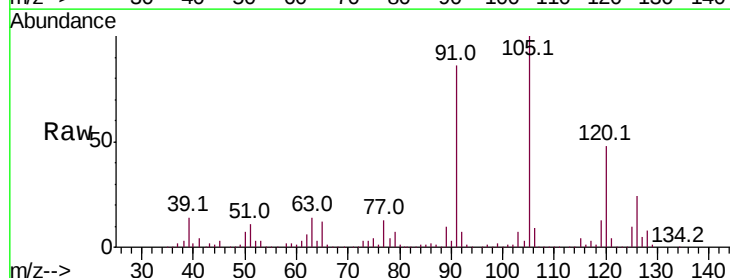
RT: 11.51 min Scan# 1698

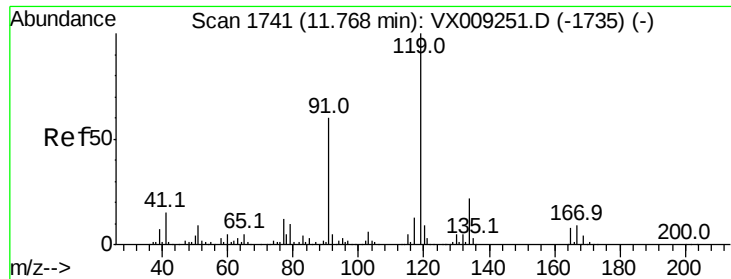
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	91	Resp:	149385
Ion Ratio	Lower	Upper	
91	100		
126	28.9	0.0	57.0





#79

tert-butylbenzene

Concen: 22.352 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Instrument :

MSVOA_X

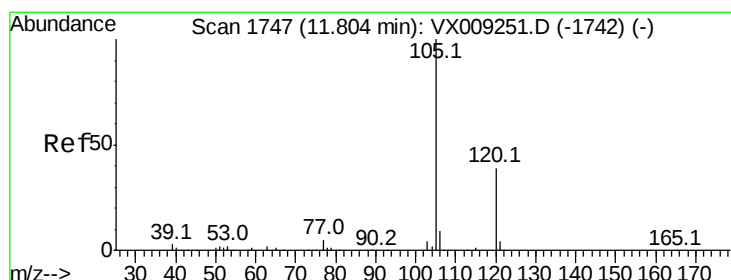
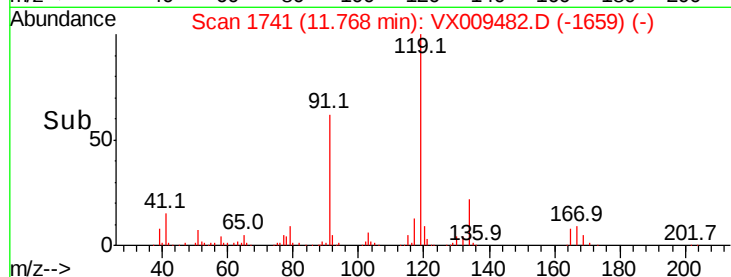
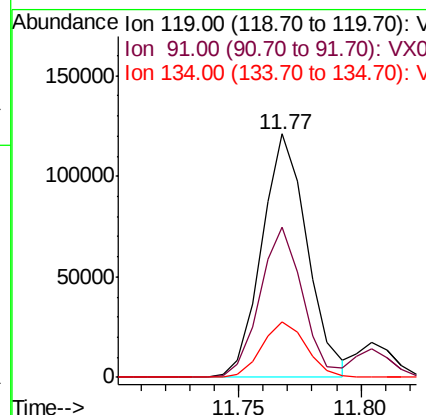
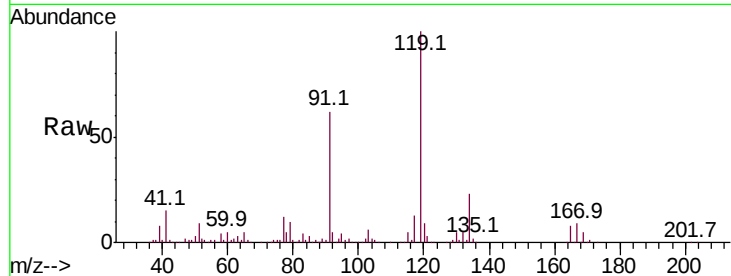
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	156056
Ion Ratio	Lower	Upper	
119	100		
91	58.6	0.0	118.2
134	22.3	0.0	45.0

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#80

1,2,4-Trimethylbenzene

Concen: 22.153 ug/l

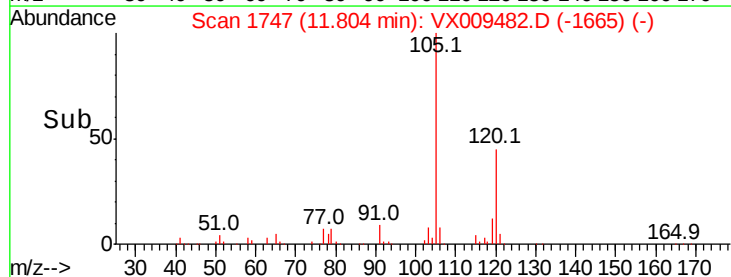
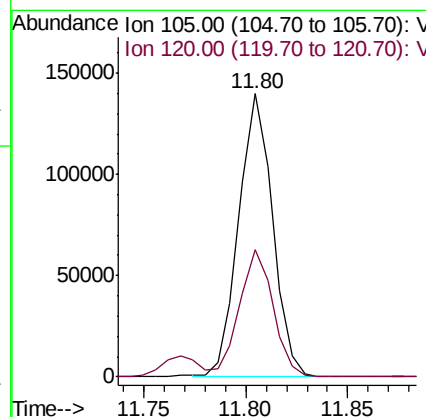
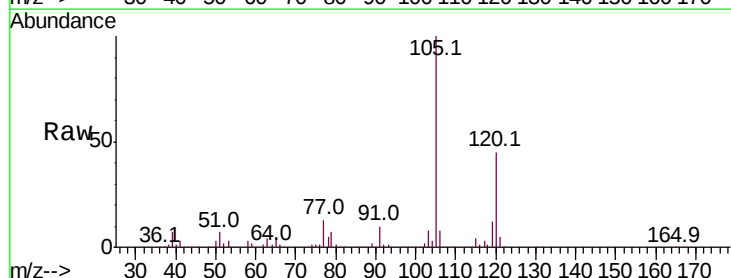
RT: 11.80 min Scan# 1747

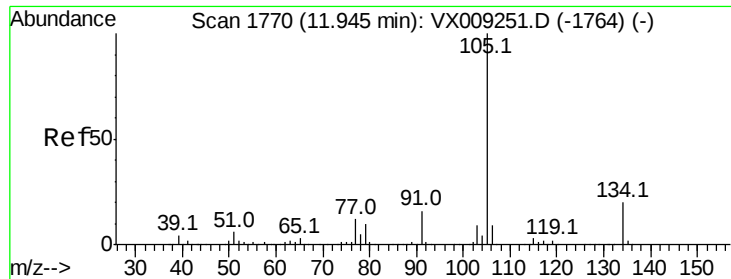
Delta R.T. 0.00 min

Lab File: VX009482.D

Acq: 10 May 2019 14:57

Tgt Ion:	105	Resp:	160361
Ion Ratio	Lower	Upper	
105	100		
120	45.0	0.0	89.6





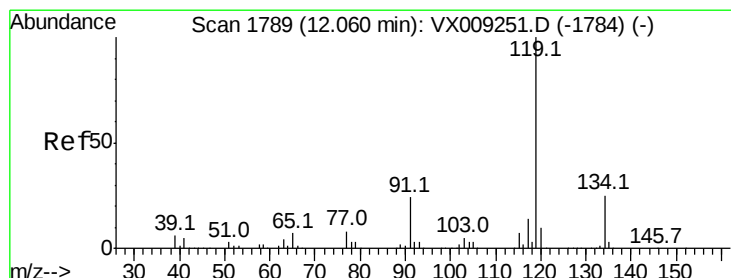
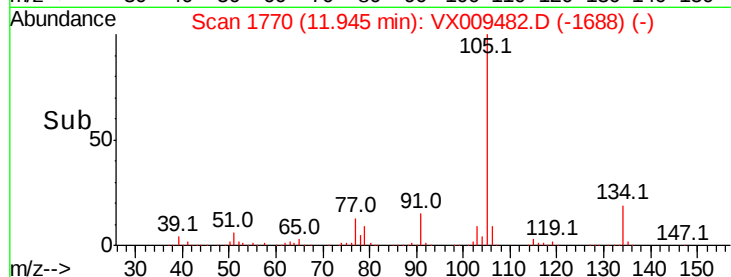
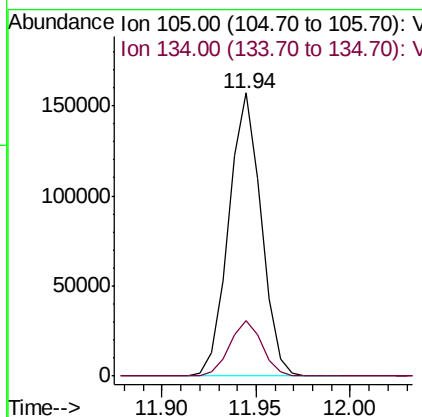
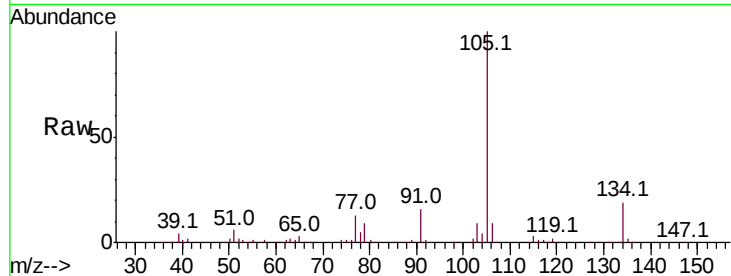
#81
 sec-Butylbenzene
 Concen: 22.493 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	186583		
134	19.6	0.0	38.6	

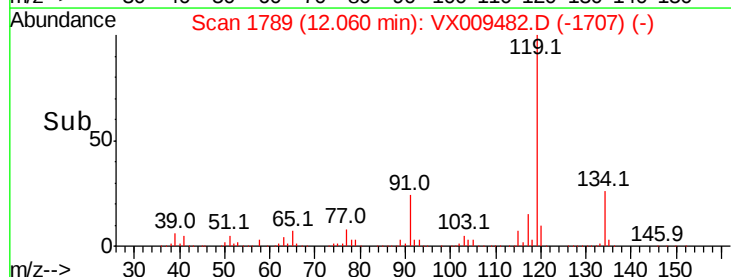
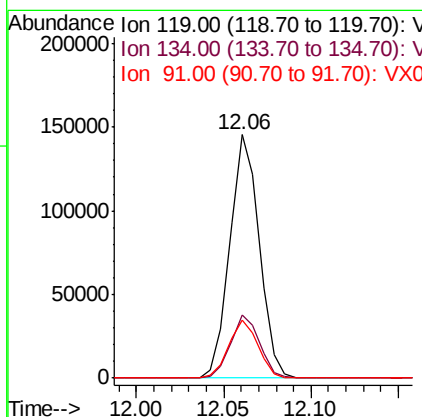
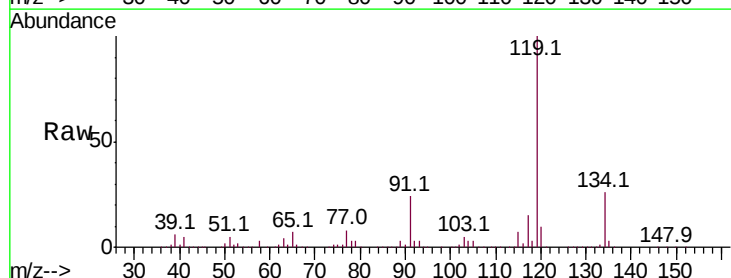
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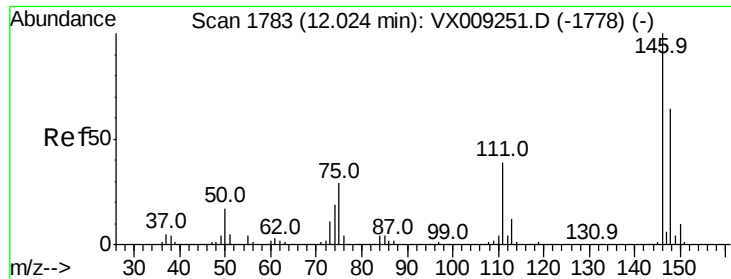
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#82
 p-Isopropyltoluene
 Concen: 22.592 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	170472		
134	25.7	0.0	50.8	
91	23.8	0.0	47.2	





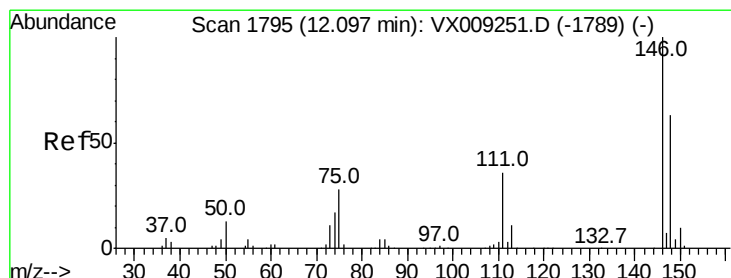
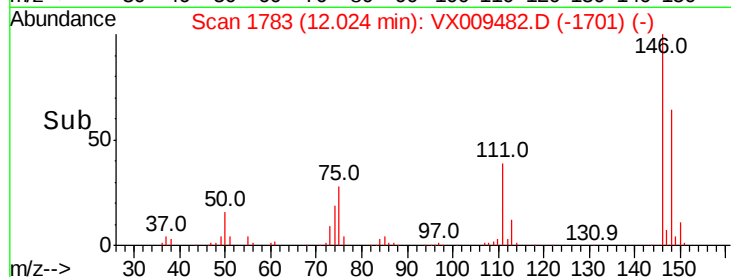
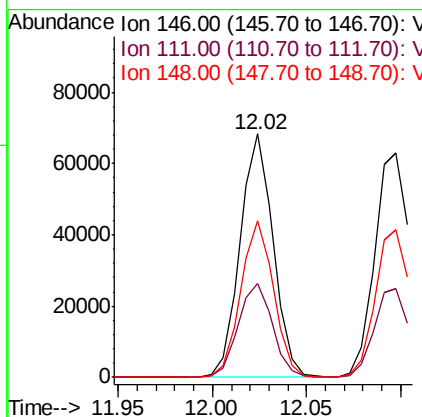
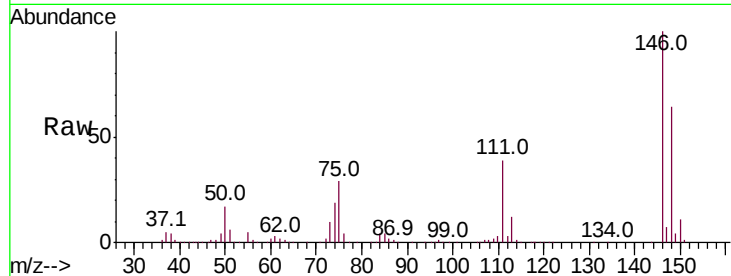
#83
 1,3-Dichlorobenzene
 Concen: 22.108 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.0	32.2	96.6

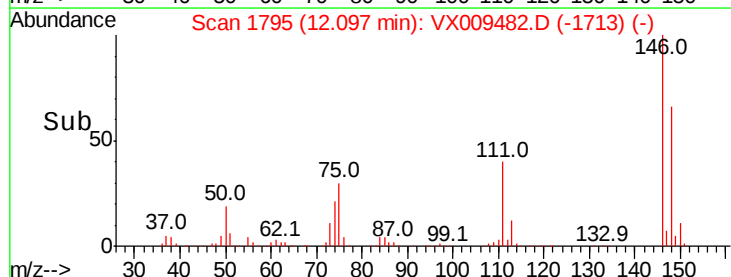
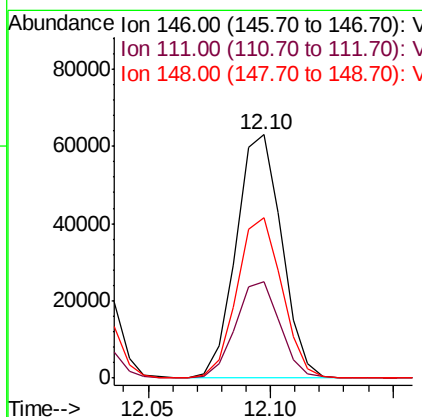
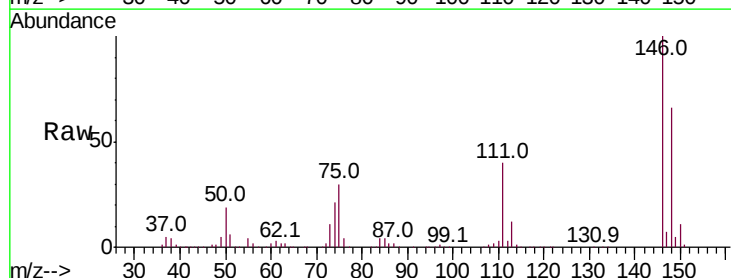
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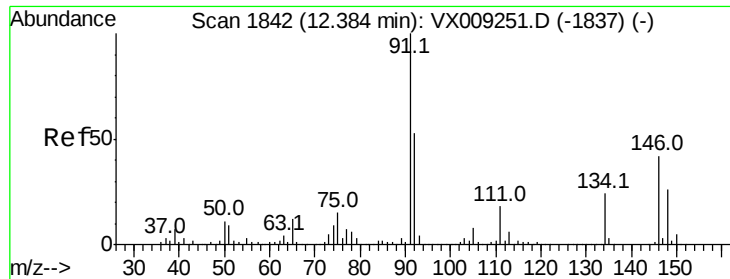
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#84
 1,4-Dichlorobenzene
 Concen: 21.851 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	65.2	32.3	96.8





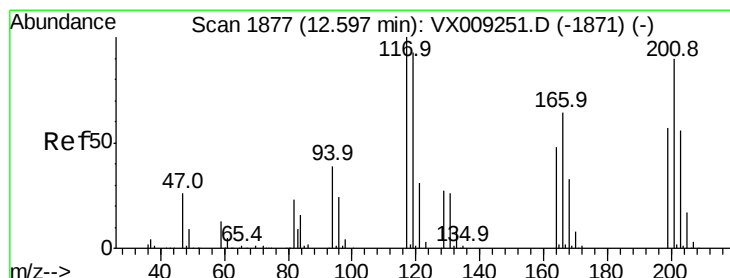
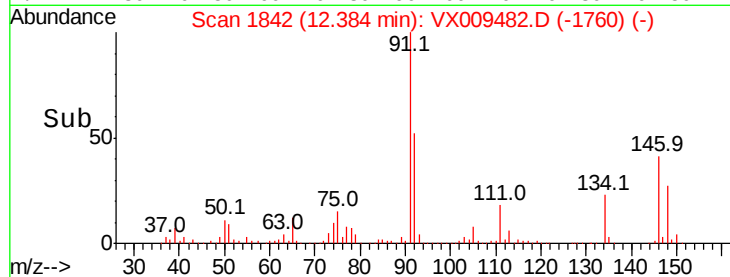
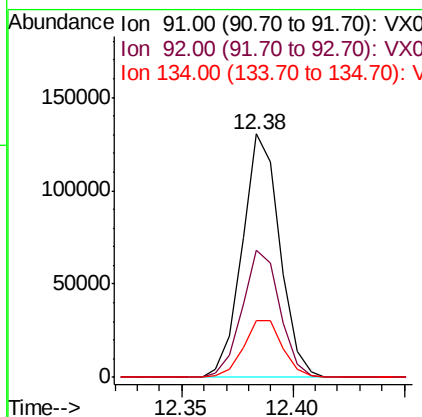
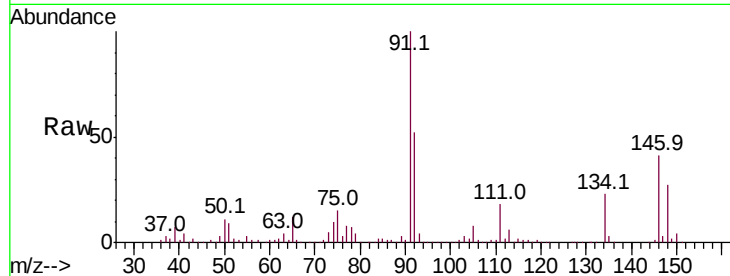
#85
n-Butylbenzene
Concen: 22.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	153603		
92	52.6	0.0	106.6	
134	24.5	0.0	50.0	

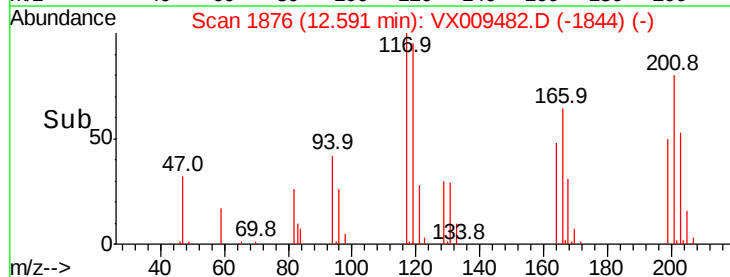
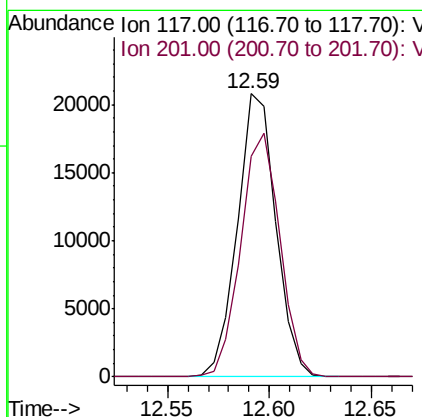
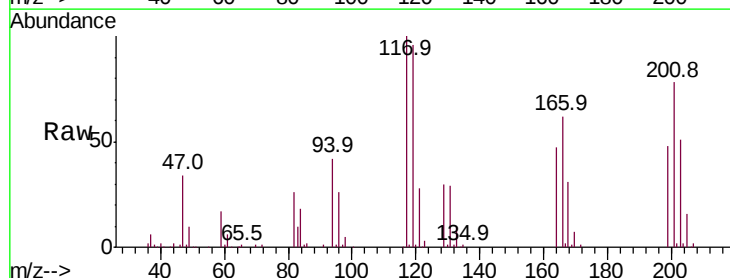
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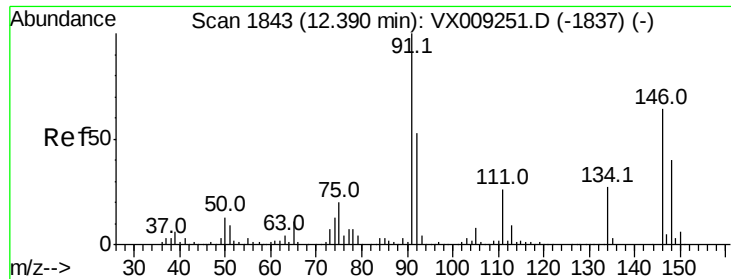
MMDadoda
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#86
Hexachloroethane
Concen: 21.223 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27250		
201	87.7	41.8	125.4	





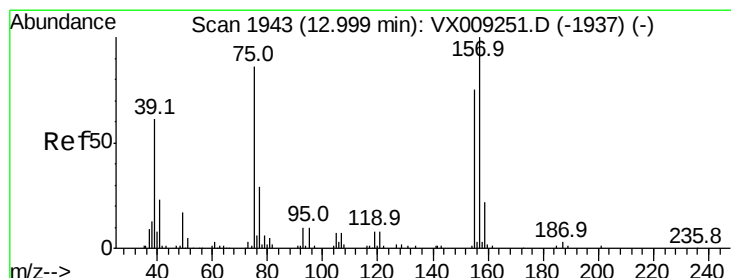
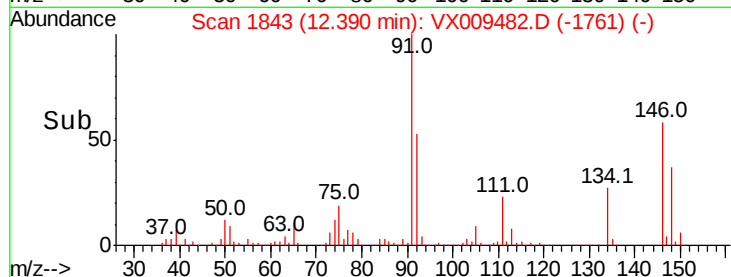
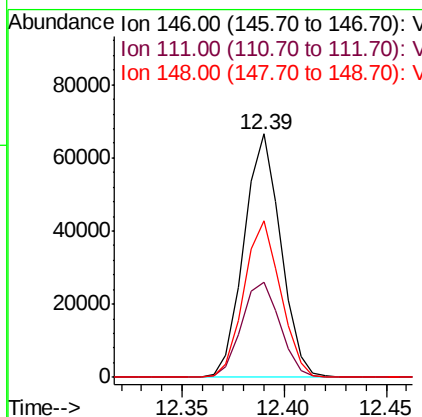
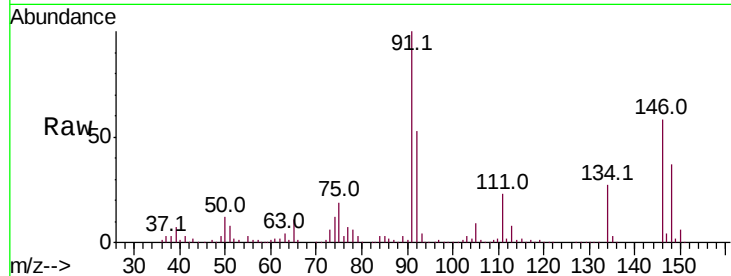
#87
 1,2-Dichlorobenzene
 Concen: 22.055 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.2
148	64.0	31.4	94.3

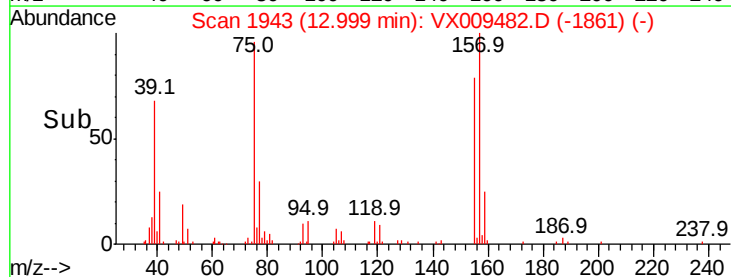
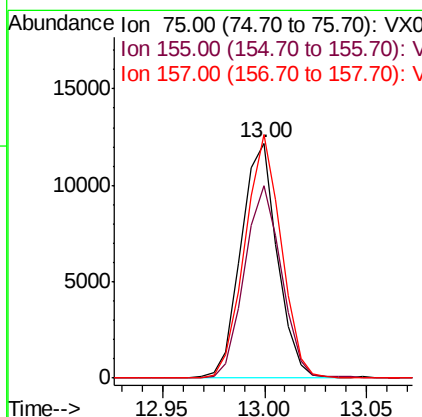
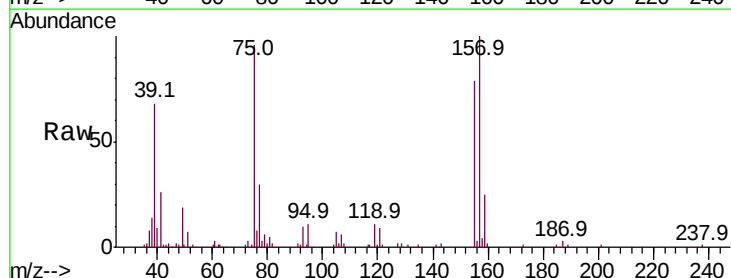
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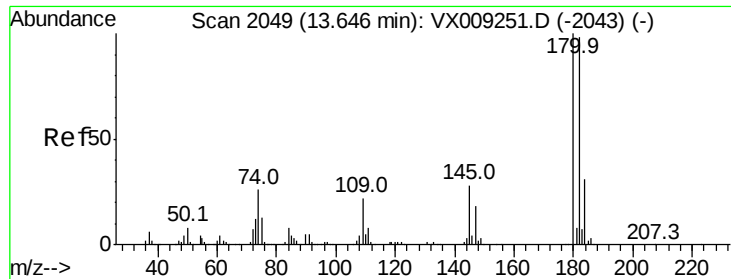
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.810 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009482.D
 Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	65.9	98.9
157	103.5	85.2	127.8





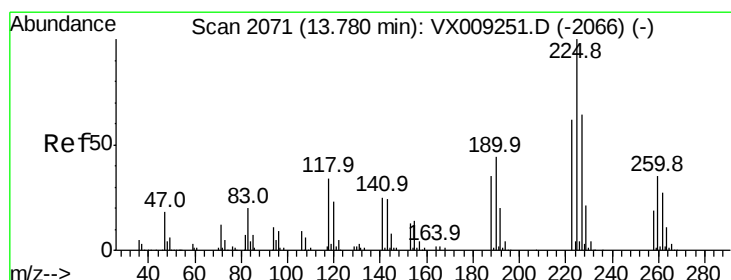
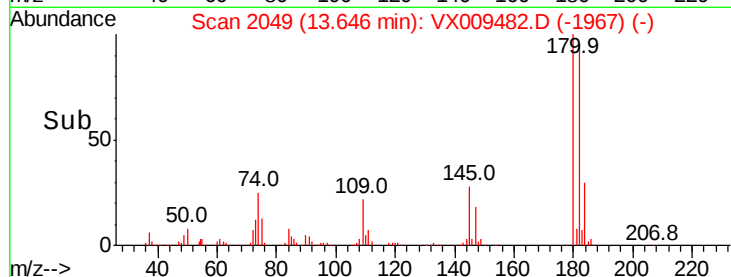
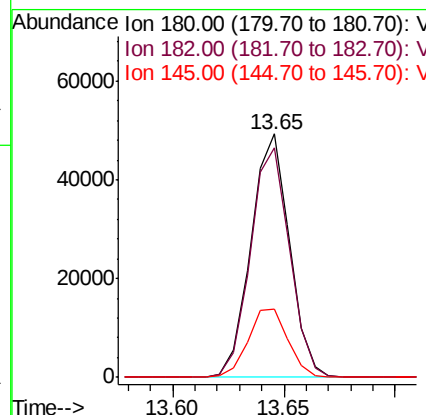
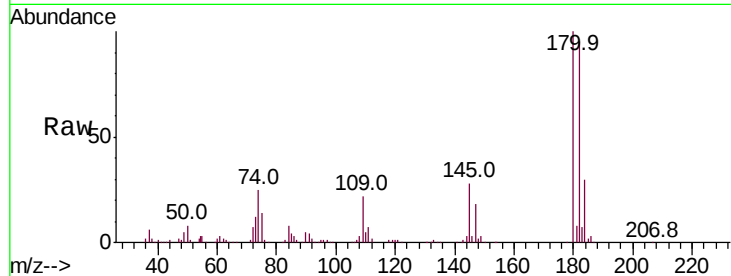
#89
1,2,4-Trichlorobenzene
Concen: 22.158 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59809		
182	95.5	76.9	115.3	
145	29.1	23.0	34.6	

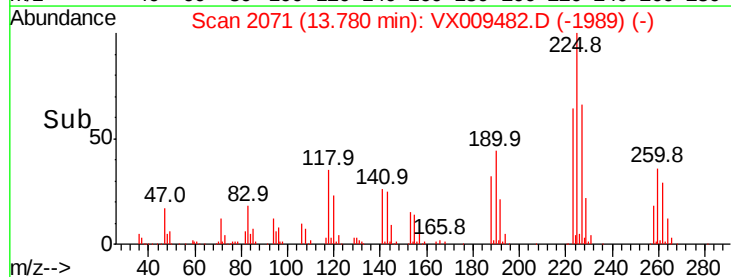
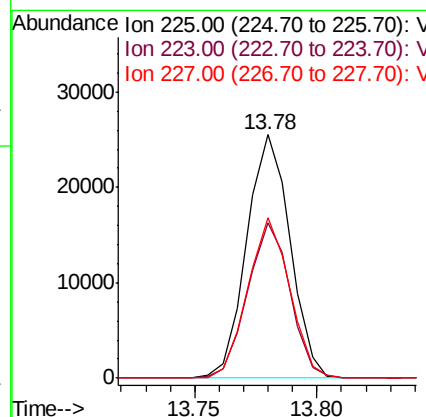
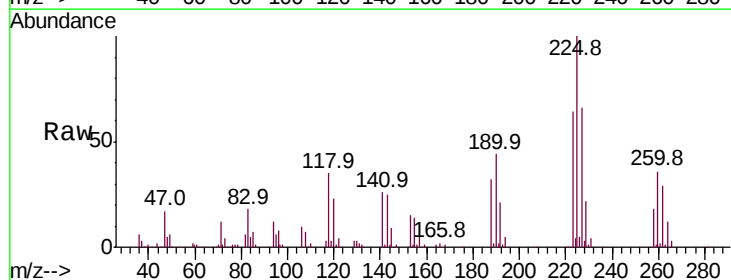
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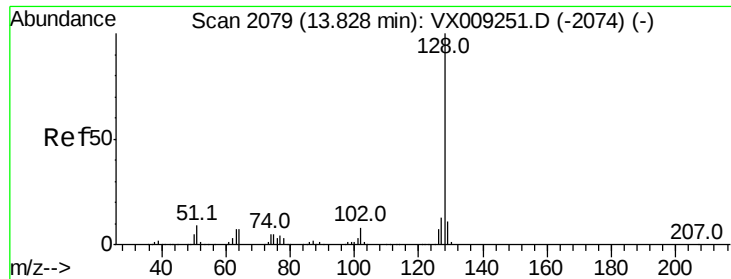
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#90
Hexachlorobutadiene
Concen: 23.289 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31400		
223	62.5	0.0	126.6	
227	63.8	0.0	130.0	





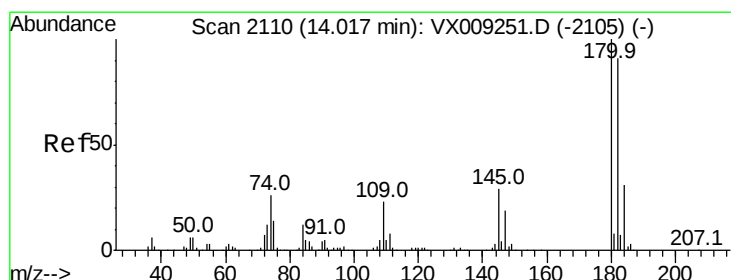
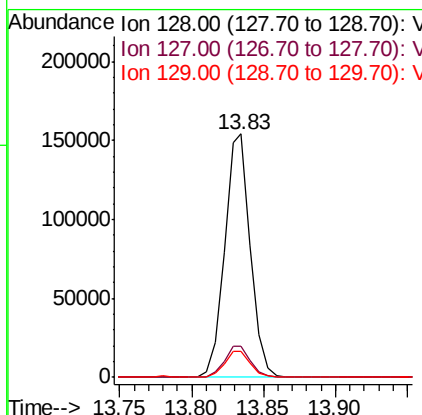
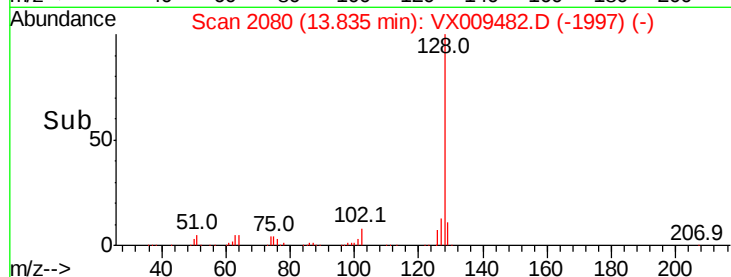
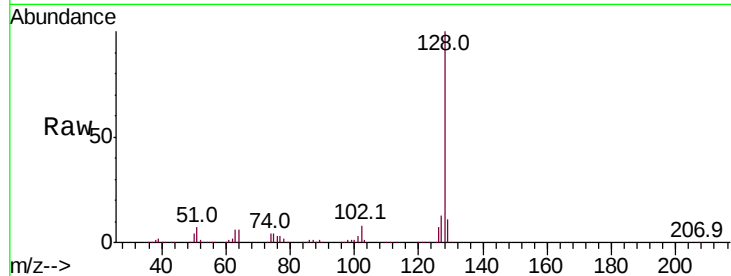
#91
Naphthalene
Concen: 21.837 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	192986		
127	13.1	10.5	15.7	
129	10.9	8.7	13.1	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 22.639 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009482.D
Acq: 10 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62118		
182	95.5	0.0	189.0	
145	31.1	0.0	61.6	

