

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062389.D
 Acq On : 15 May 2019 15:42
 Operator : FY/SY
 Sample : K2761-04
 Misc : 5.21g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-006-B

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.546	10	12	16	rVB2	19688	37752	1.70%	0.281%
2	3.218	177	182	189	rBV2	30406	79152	3.56%	0.590%
3	3.829	238	244	251	rBV	23991	65656	2.95%	0.489%
4	7.056	565	572	592	rBV	616424	1832009	82.43%	13.650%
5	7.460	606	613	626	rBV	275931	744658	33.50%	5.548%
6	8.227	685	691	708	rVB	881736	2222570	100.00%	16.560%
7	10.422	908	914	921	rBV	663413	1553700	69.91%	11.576%
8	10.511	921	923	930	rVB	39108	82831	3.73%	0.617%
9	10.796	947	952	956	rBV	15236	33555	1.51%	0.250%
10	11.111	977	984	989	rBB3	10615	22235	1.00%	0.166%
11	11.249	992	998	1002	rVV2	13856	42432	1.91%	0.316%
12	11.682	1034	1042	1047	rBV5	13622	36587	1.65%	0.273%
13	11.760	1047	1050	1054	rVV	20983	38855	1.75%	0.290%
14	11.839	1054	1058	1062	rVB2	18655	36900	1.66%	0.275%
15	12.134	1084	1088	1090	rBV2	15745	32110	1.44%	0.239%
16	12.183	1090	1093	1096	rVB3	18287	38651	1.74%	0.288%
17	12.321	1102	1107	1108	rBV	18514	34965	1.57%	0.261%
18	12.370	1108	1112	1119	rVB	1106741	1756044	79.01%	13.084%
19	12.528	1125	1128	1134	rBV2	33475	64771	2.91%	0.483%
20	12.666	1139	1142	1145	rVV	49106	110089	4.95%	0.820%
21	12.705	1145	1146	1148	rVV	24652	26886	1.21%	0.200%
22	12.744	1148	1150	1156	rVB3	51388	82217	3.70%	0.613%
23	13.010	1172	1177	1179	rBV2	18593	37002	1.66%	0.276%
24	13.049	1179	1181	1189	rVB	74193	118943	5.35%	0.886%
25	13.227	1193	1199	1202	rBV3	18397	35120	1.58%	0.262%
26	13.315	1202	1208	1213	rVB2	20326	47457	2.14%	0.354%
27	13.404	1213	1217	1221	rVB2	24313	43834	1.97%	0.327%
28	13.561	1229	1233	1241	rVB	651337	867591	39.04%	6.464%
29	13.719	1246	1249	1252	rVB	26931	40489	1.82%	0.302%
30	13.856	1257	1263	1264	rBV	84028	120685	5.43%	0.899%
31	13.886	1264	1266	1268	rVV	50658	62291	2.80%	0.464%
32	13.935	1268	1271	1273	rVV	107438	144859	6.52%	1.079%
33	13.965	1273	1274	1278	rVB	65515	75700	3.41%	0.564%
34	14.083	1282	1286	1289	rBV	77499	116548	5.24%	0.868%

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Integration Parameters: RTEINT.P

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35	14.240	1300	1302	1309	rVB	138854	177779	8.00%	1.325%
36	14.368	1313	1315	1320	rVB4	18064	28116	1.27%	0.209%
37	14.447	1320	1323	1326	rBV2	33754	60575	2.73%	0.451%
38	14.526	1326	1331	1333	rVV	560374	841715	37.87%	6.271%
39	14.565	1333	1335	1340	rVB	135699	178737	8.04%	1.332%
40	14.713	1347	1350	1351	rBV	53673	68003	3.06%	0.507%
41	14.732	1351	1352	1355	rVB	43435	52526	2.36%	0.391%
42	14.781	1355	1357	1363	rBV2	82407	131260	5.91%	0.978%
43	14.890	1366	1368	1369	rVV2	48595	60292	2.71%	0.449%
44	14.919	1369	1371	1375	rVV	34349	49404	2.22%	0.368%
45	14.978	1375	1377	1378	rVV	38341	39787	1.79%	0.296%
46	15.008	1378	1380	1383	rVV	35602	50451	2.27%	0.376%
47	15.057	1383	1385	1387	rVV	52416	58047	2.61%	0.432%
48	15.146	1390	1394	1399	rVB4	49587	93436	4.20%	0.696%
49	15.273	1405	1407	1410	rBV2	27491	45252	2.04%	0.337%
50	15.342	1413	1414	1416	rVV	29837	40093	1.80%	0.299%
51	15.382	1416	1418	1421	rVB	59759	71814	3.23%	0.535%
52	15.431	1421	1423	1426	rBV3	23622	39085	1.76%	0.291%
53	15.579	1431	1438	1440	rBV4	24203	70713	3.18%	0.527%
54	15.647	1442	1445	1446	rVV2	24265	44680	2.01%	0.333%
55	15.677	1446	1448	1453	rVV2	132495	177305	7.98%	1.321%
56	15.805	1458	1461	1464	rVB	66268	94756	4.26%	0.706%
57	15.893	1464	1470	1473	rBV4	20211	62235	2.80%	0.464%
58	15.933	1473	1474	1477	rVV3	24521	32056	1.44%	0.239%
59	16.002	1477	1481	1485	rVB2	29109	42110	1.89%	0.314%
60	16.179	1497	1499	1501	rVB	25069	25828	1.16%	0.192%
61	16.238	1501	1505	1507	rVV	27501	42178	1.90%	0.314%
62	16.513	1526	1533	1535	rBV	35794	57952	2.61%	0.432%

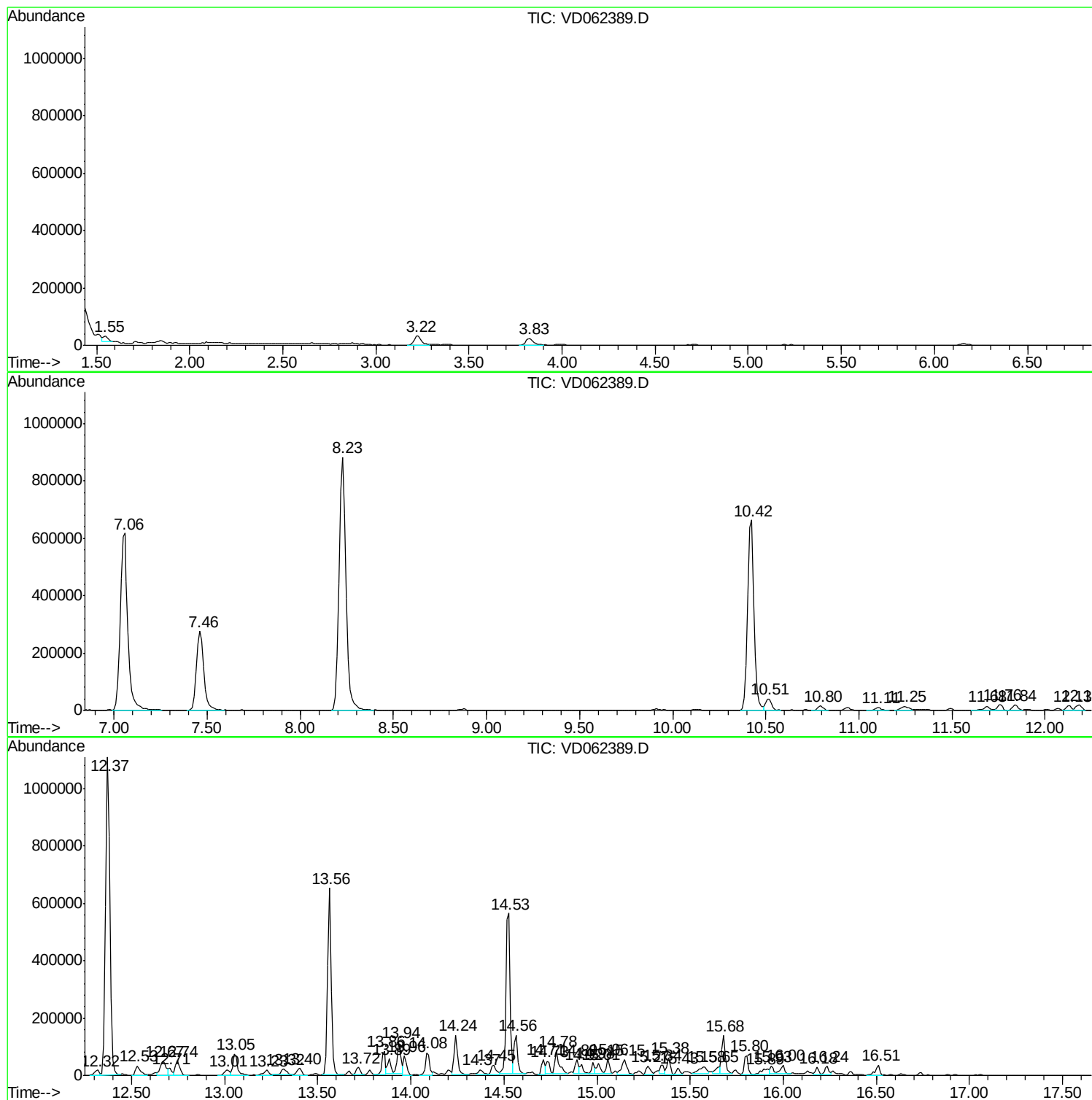
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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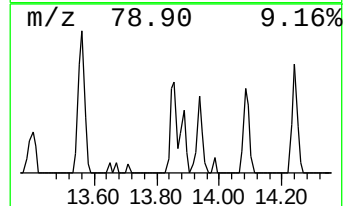
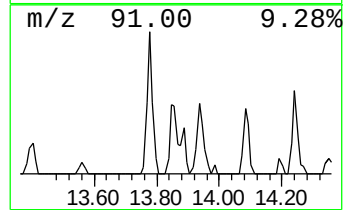
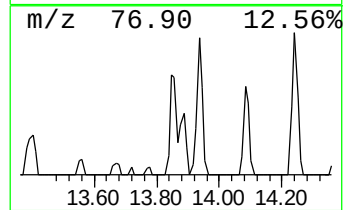
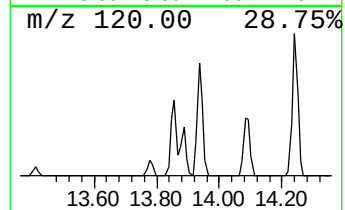
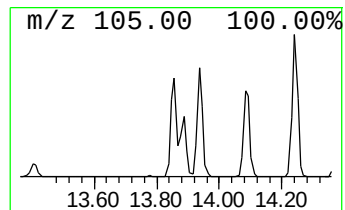
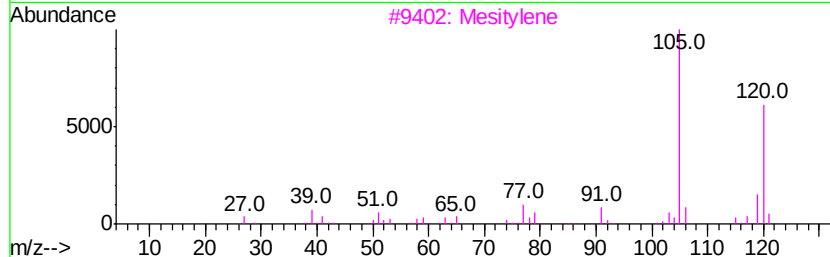
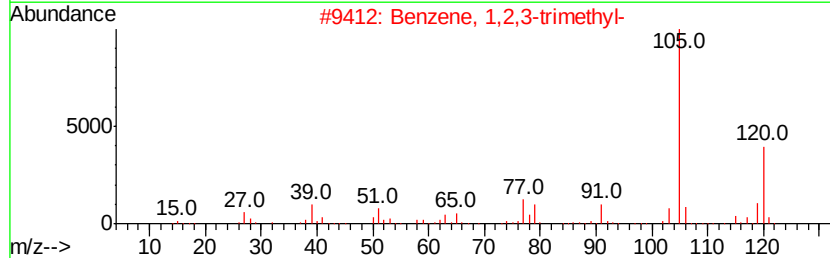
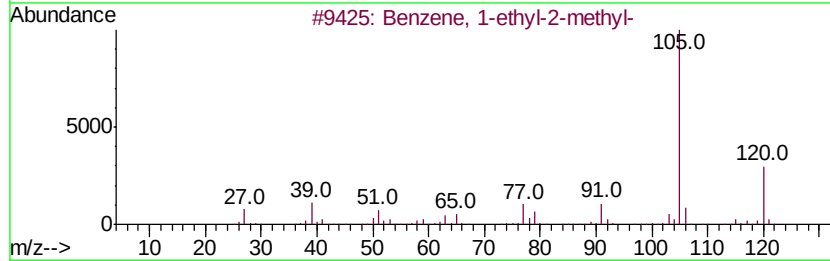
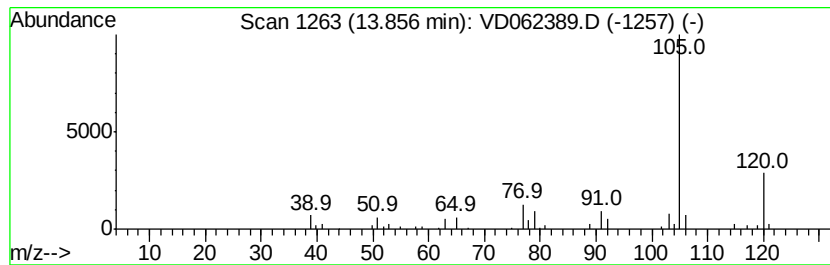
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.17 ug/l	120685	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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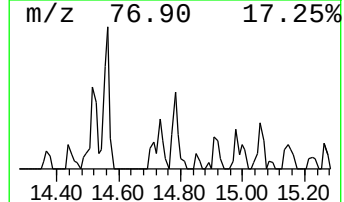
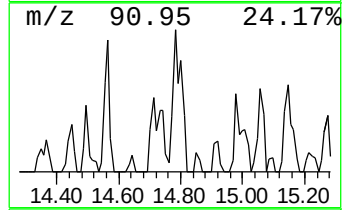
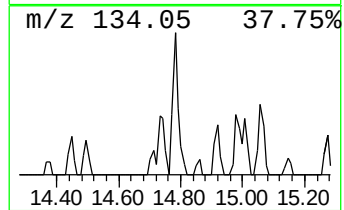
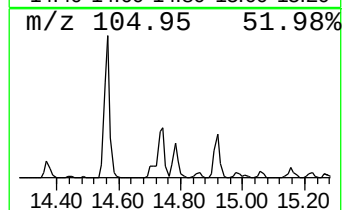
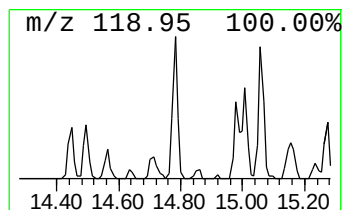
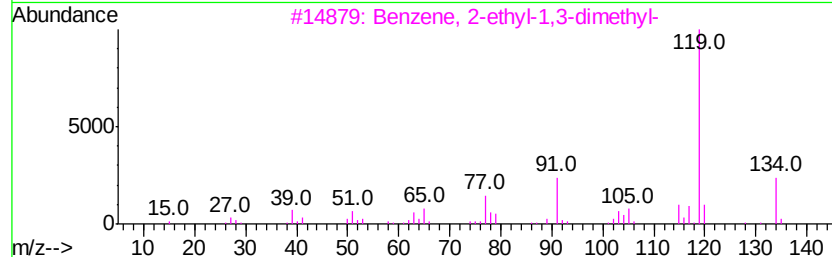
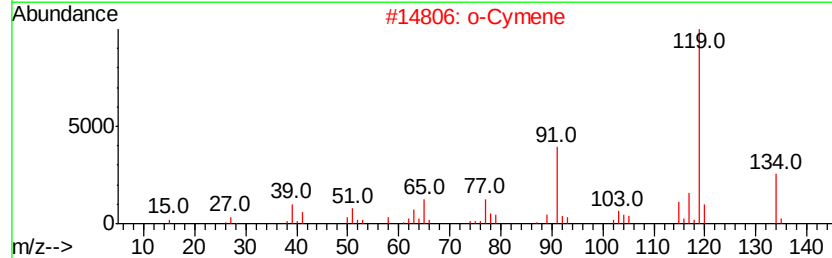
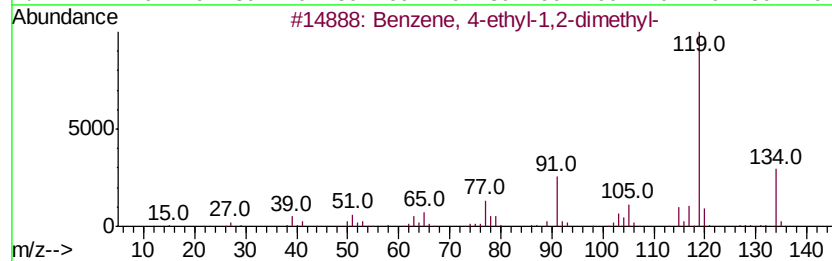
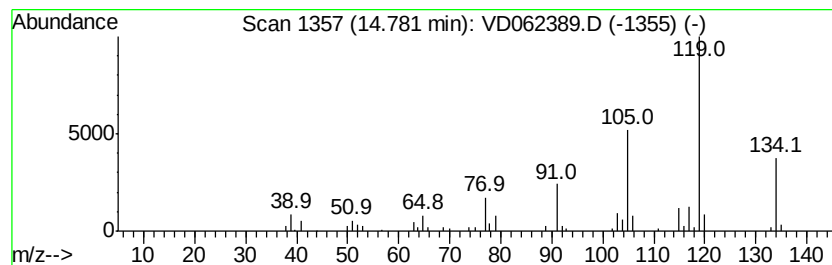
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.78	7.80 ug/l	131260	1,4-Dichlorobenzene-d4	14.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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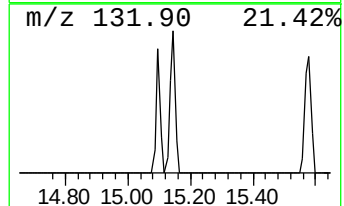
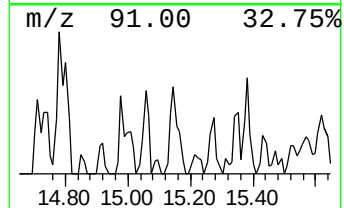
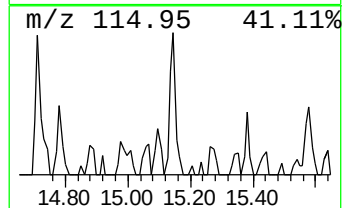
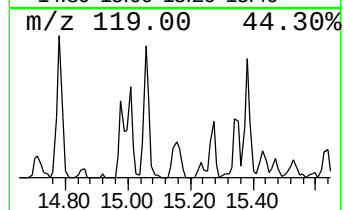
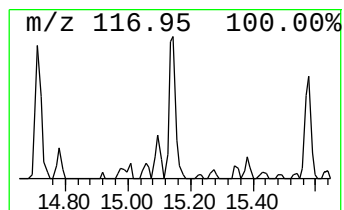
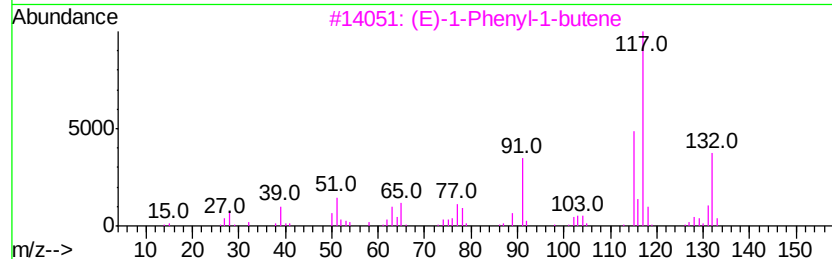
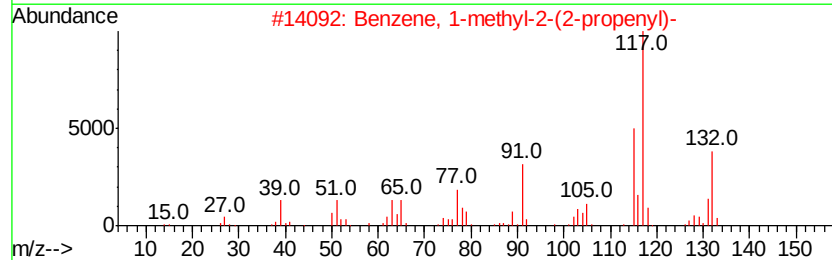
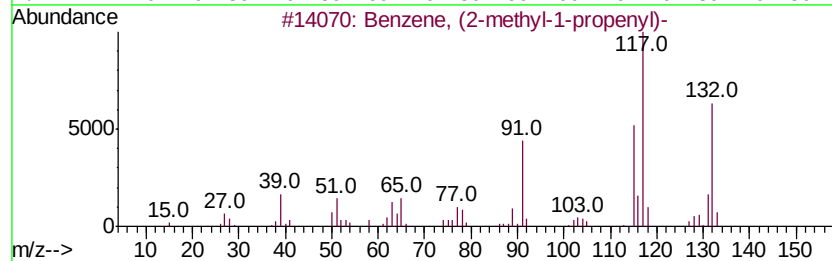
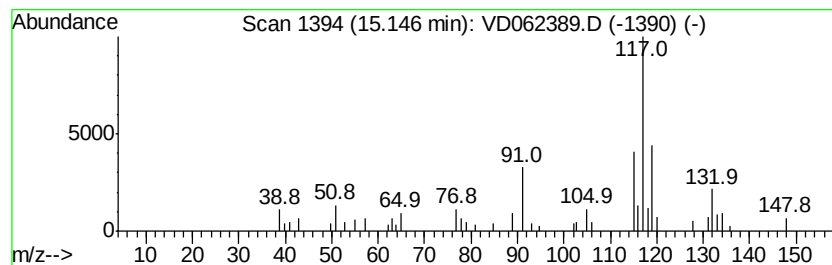
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	5.55 ug/l	93436	1,4-Dichlorobenzene-d4	14.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	68
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68



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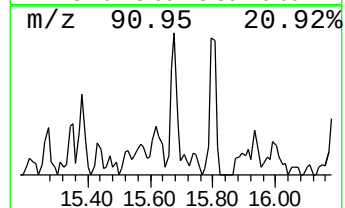
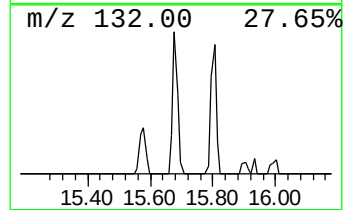
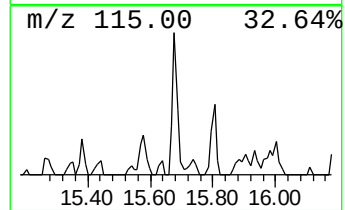
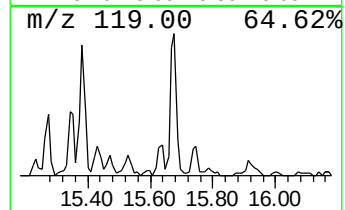
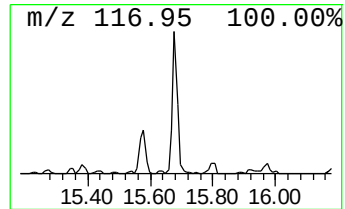
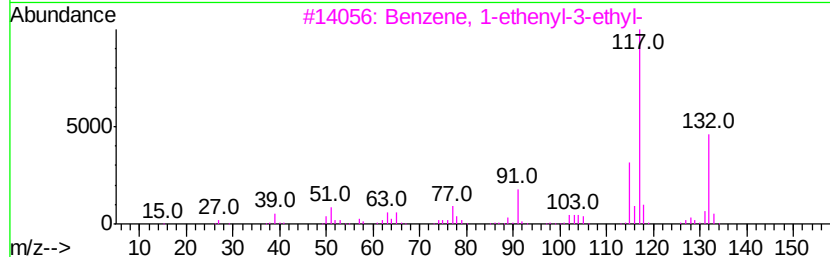
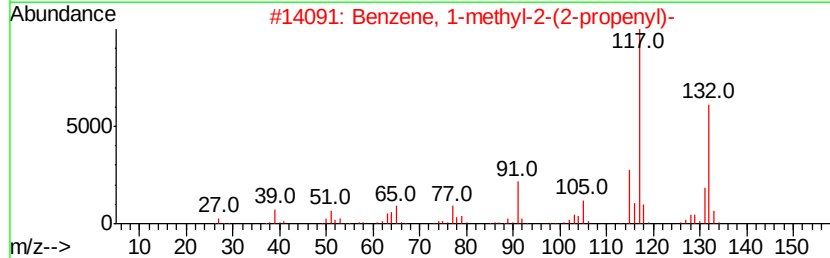
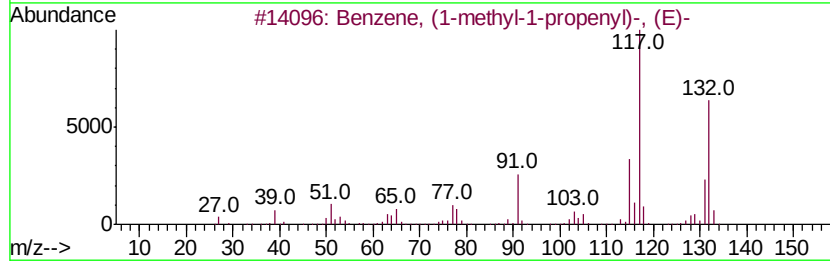
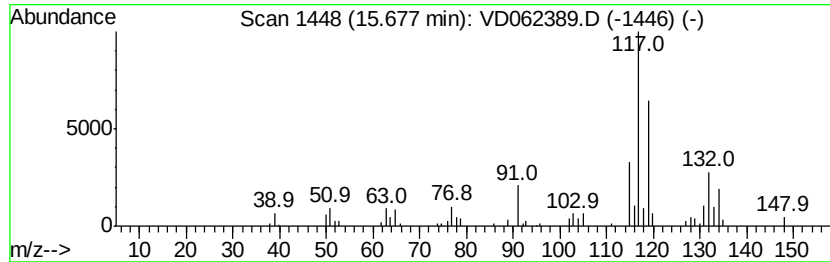
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	10.53 ug/l	177305	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 83
2		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 64
3		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 64
4		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 64
5		1-Phenyl-1-butene	132 C10H12	000824-90-8 64



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ALS Vial : 6 Sample Multiplier: 1

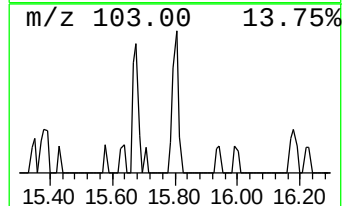
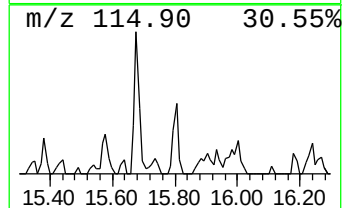
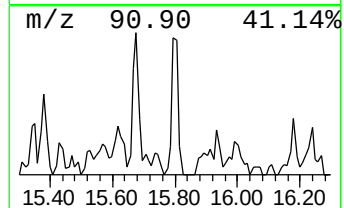
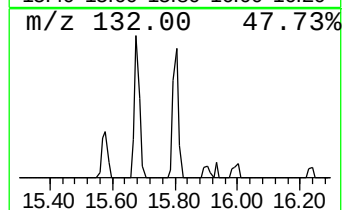
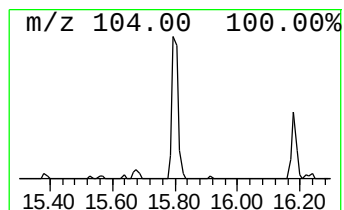
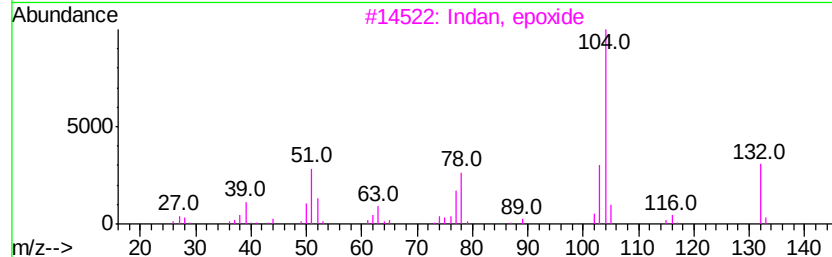
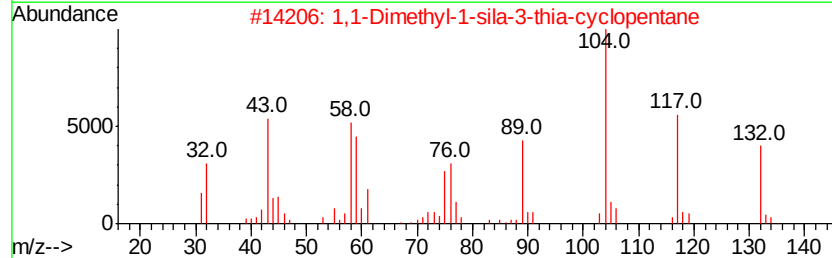
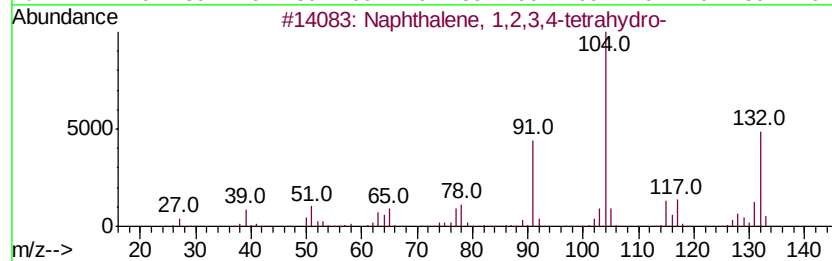
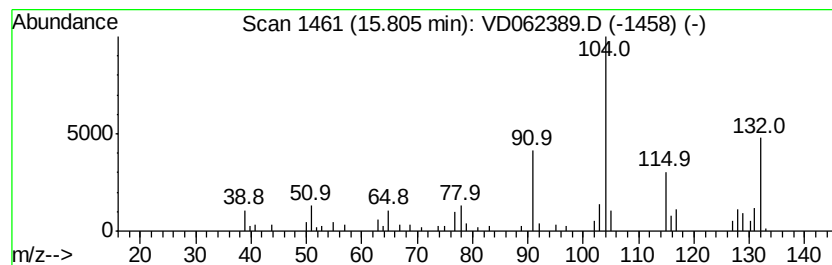
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.80	5.63 ug/l	94756	1,4-Dichlorobenzene-d4	14.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	1,1-Dimethyl-1-sila-3-thia-cvclo...	132	C5H12SSi	085465-27-6	50
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD051519\
Data File : VD062389.D
Acq On : 15 May 2019 15:42
Operator : FY/SY
Sample : K2761-04
Misc : 5.21g/5mL/MSV0A_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
FK-SF-03-006-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\82D050719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	13.86	7.2	ug/l	120685	4	14.53	841715	50.0
Benzene, 4-ethyl-...	14.78	7.8	ug/l	131260	4	14.53	841715	50.0
Benzene, (2-methy...	15.15	5.5	ug/l	93436	4	14.53	841715	50.0
Benzene, (1-methy...	15.68	10.5	ug/l	177305	4	14.53	841715	50.0
Naphthalene, 1,2,...	15.80	5.6	ug/l	94756	4	14.53	841715	50.0