

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007011.D
 Acq On : 11 Jan 2019 14:10
 Operator : JC/SP
 Sample : K1100-01
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM-A

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_X\METHOD\82X010819W.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	1.073	88	91	101	rBV	570636	670016	27.22%	2.840%
2	1.670	169	189	190	rBV7	76399	341828	13.89%	1.449%
3	5.505	806	818	830	rBV2	284789	803702	32.65%	3.406%
4	5.657	832	843	855	rBV	517737	1428547	58.03%	6.054%
5	6.066	897	910	925	rBV2	307522	792665	32.20%	3.359%
6	6.858	1029	1040	1052	rBV	765043	1778352	72.24%	7.537%
7	8.711	1337	1344	1353	rBV	1585854	2461755	100.00%	10.433%
8	10.114	1568	1574	1584	rBV	1612002	2170465	88.17%	9.199%
9	11.138	1736	1742	1756	rBV	1394460	1835194	74.55%	7.778%
10	11.528	1802	1806	1812	rVB	31863	42466	1.73%	0.180%
11	12.077	1891	1896	1902	rBV	1852520	2398860	97.45%	10.166%
12	12.223	1918	1920	1928	rVB4	24153	40100	1.63%	0.170%
13	12.369	1940	1944	1951	rVB3	45576	81042	3.29%	0.343%
14	12.473	1958	1961	1966	rVB	103998	124549	5.06%	0.528%
15	12.522	1966	1969	1974	rVB4	30783	48822	1.98%	0.207%
16	12.632	1978	1987	1994	rBV8	43820	116143	4.72%	0.492%
17	12.692	1994	1997	2001	rBV6	17803	30962	1.26%	0.131%
18	12.784	2008	2012	2014	rBV4	24231	37945	1.54%	0.161%
19	12.875	2023	2027	2033	rVB3	197490	257614	10.46%	1.092%
20	12.942	2033	2038	2044	rBV5	64478	143396	5.82%	0.608%
21	12.997	2044	2047	2049	rBV3	30992	35426	1.44%	0.150%
22	13.040	2049	2054	2060	rVB5	122025	211253	8.58%	0.895%
23	13.095	2060	2063	2068	rBV2	113768	140664	5.71%	0.596%
24	13.144	2068	2071	2078	rVB7	32556	64682	2.63%	0.274%
25	13.235	2078	2086	2089	rBV4	45373	110938	4.51%	0.470%
26	13.290	2092	2095	2096	rBV2	33127	33720	1.37%	0.143%
27	13.320	2096	2100	2102	rBV	425979	445600	18.10%	1.888%
28	13.351	2102	2105	2110	rVB	331286	419650	17.05%	1.778%
29	13.406	2110	2114	2117	rBV3	104885	147310	5.98%	0.624%
30	13.436	2117	2119	2122	rBV	112495	137311	5.58%	0.582%
31	13.473	2122	2125	2127	rBV2	190115	228081	9.26%	0.967%
32	13.552	2134	2138	2143	rVB4	136297	200965	8.16%	0.852%
33	13.607	2144	2147	2150	rBV4	42694	51775	2.10%	0.219%
34	13.650	2150	2154	2157	rBV3	89599	132589	5.39%	0.562%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1
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35	13.735	2164	2168	2169	rBV3	120298	152530	6.20%	0.646%
36	13.753	2169	2171	2174	rVV3	150558	224366	9.11%	0.951%
37	13.790	2174	2177	2180	rVV2	212275	302602	12.29%	1.282%
38	13.820	2180	2182	2185	rVV3	173101	179621	7.30%	0.761%
39	13.857	2185	2188	2191	rVV2	202948	302202	12.28%	1.281%
40	13.893	2191	2194	2198	rVV3	246500	395810	16.08%	1.677%
41	13.930	2198	2200	2202	rVV2	79644	100160	4.07%	0.424%
42	13.967	2202	2206	2212	rVB6	147086	276694	11.24%	1.173%
43	14.095	2223	2227	2230	rVB	787965	839432	34.10%	3.558%
44	14.131	2230	2233	2234	rBV2	59525	61022	2.48%	0.259%
45	14.162	2234	2238	2241	rVV2	145594	202683	8.23%	0.859%
46	14.192	2241	2243	2246	rVB3	119908	117354	4.77%	0.497%
47	14.278	2254	2257	2261	rVB3	111710	132102	5.37%	0.560%
48	14.467	2284	2288	2290	rBV3	78177	125529	5.10%	0.532%
49	14.497	2290	2293	2296	rVB2	98641	126874	5.15%	0.538%
50	14.558	2300	2303	2304	rBV	127129	137968	5.60%	0.585%
51	14.613	2309	2312	2318	rVB4	88265	150562	6.12%	0.638%
52	14.668	2318	2321	2326	rBV	148438	162971	6.62%	0.691%
53	14.814	2341	2345	2348	rBV	498225	561302	22.80%	2.379%
54	14.851	2348	2351	2355	rVB2	145070	170916	6.94%	0.724%
55	14.899	2356	2359	2371	rVB5	127828	340540	13.83%	1.443%
56	14.997	2371	2375	2378	rBV4	110000	178161	7.24%	0.755%
57	15.277	2418	2421	2428	rVB5	100726	162277	6.59%	0.688%
58	15.344	2428	2432	2435	rBV2	53753	76296	3.10%	0.323%
59	15.558	2463	2467	2477	rVB2	97548	151409	6.15%	0.642%

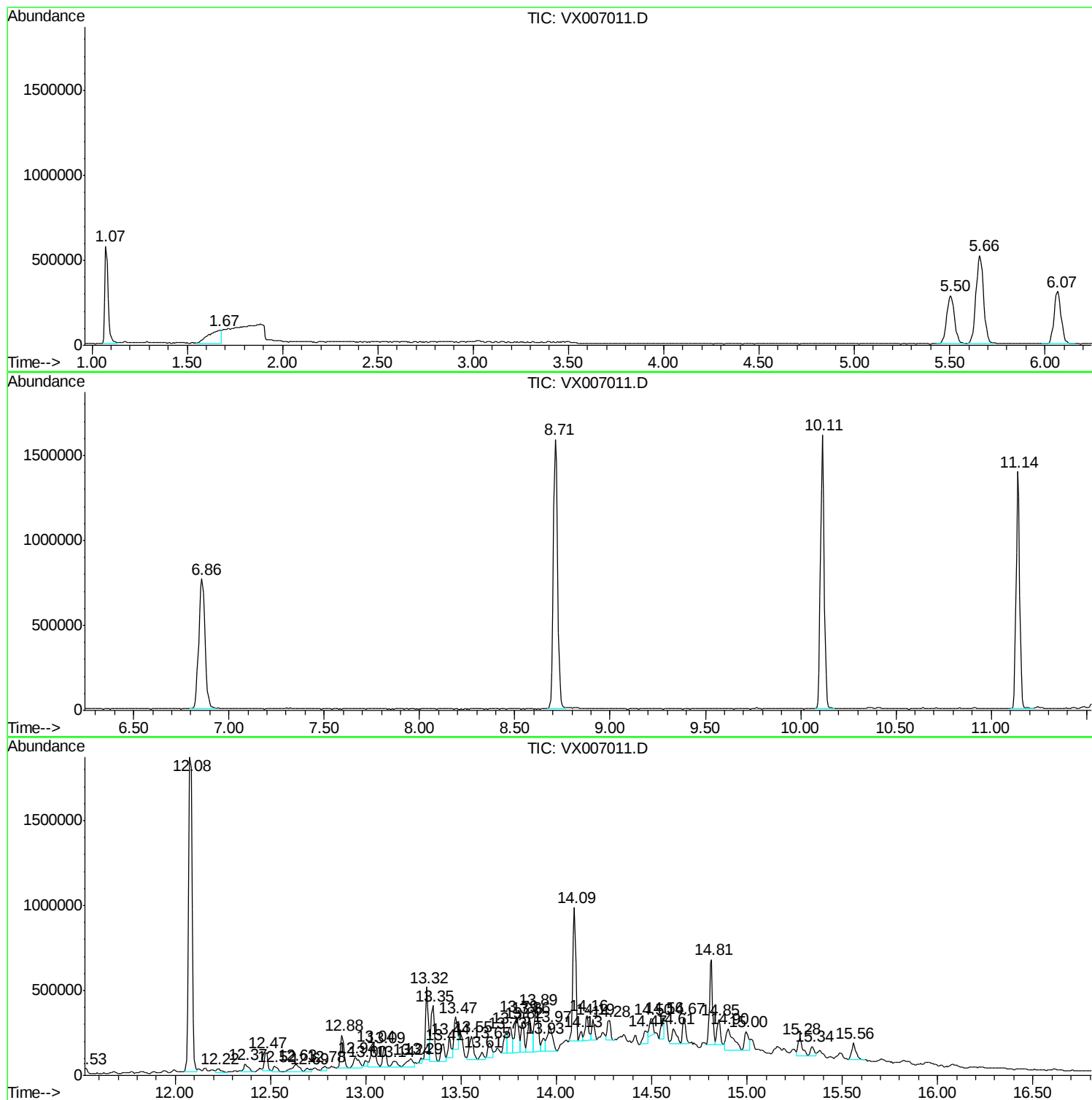
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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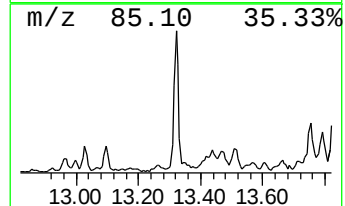
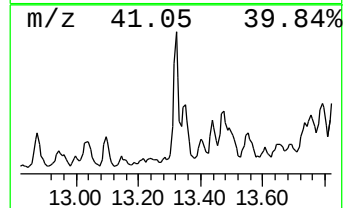
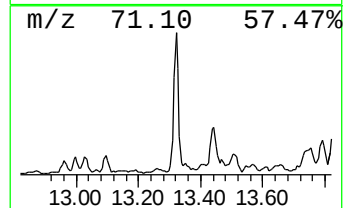
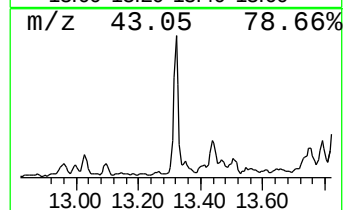
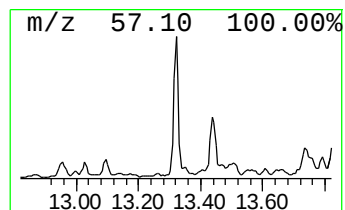
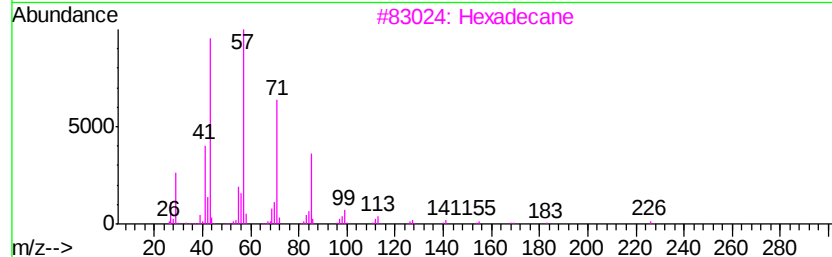
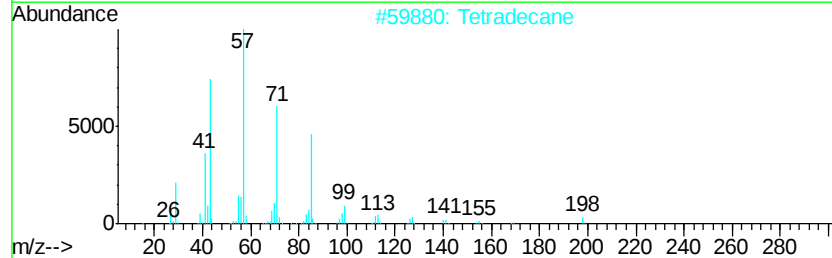
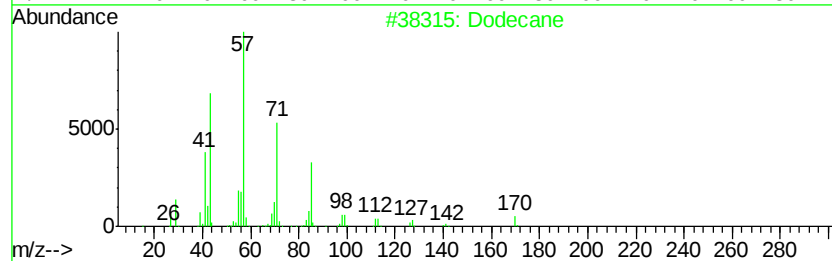
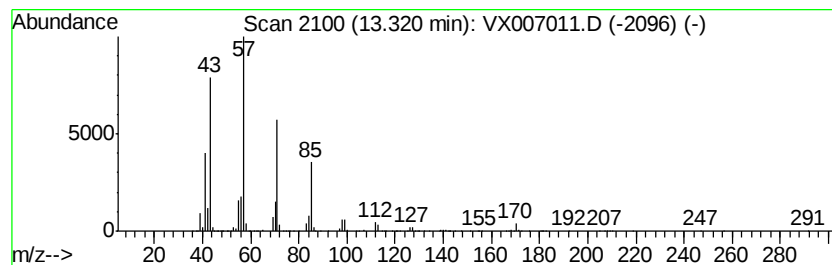
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.32	9.29 ug/l	445600	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane	156	C11H24	001120-21-4	83
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



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Misc : 5.05µL/10µL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

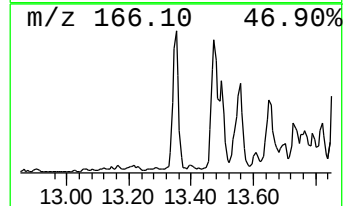
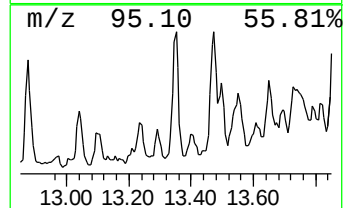
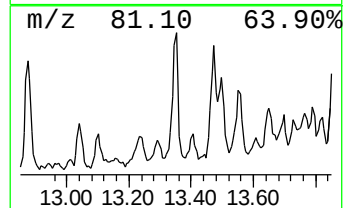
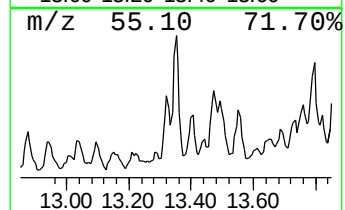
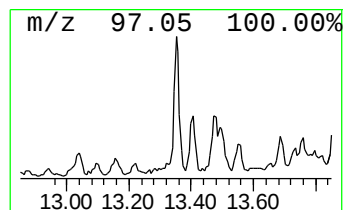
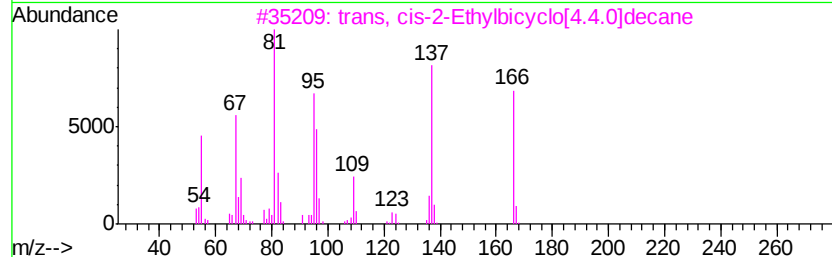
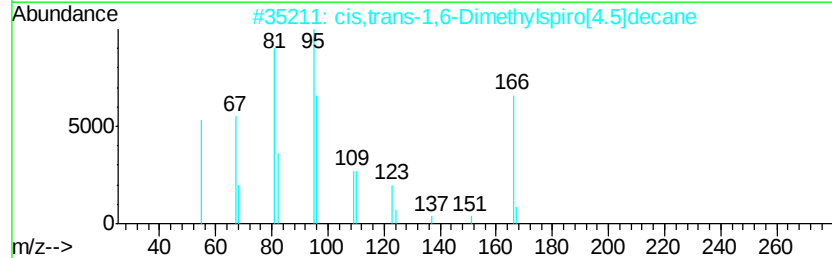
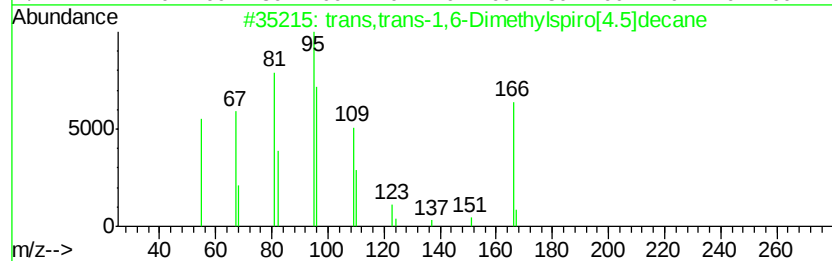
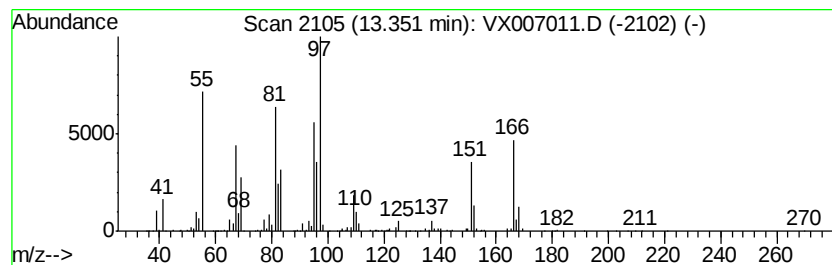
Instrument :
MSVOA_X
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 4 trans,trans-1,6-Dimethylspi... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.75 ug/l	419650	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans,trans-1,6-Dimethylspiro[4.5]decane	166 C12H22	1000111-72-1	70
2	cis,trans-1,6-Dimethylspiro[4.5]decane	166 C12H22	1000111-72-3	55
3	trans, cis-2-Ethylbicyclo[4.4.0]decane	166 C12H22	066660-39-7	55
4	cis, cis-2-Ethylbicyclo[4.4.0]decane	166 C12H22	066660-40-0	49
5	Naphthalene, decahydro-2,6-dimethyl-	166 C12H22	001618-22-0	45



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ALS Vial : 9 Sample Multiplier: 1

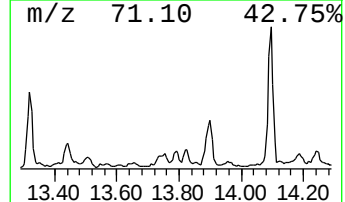
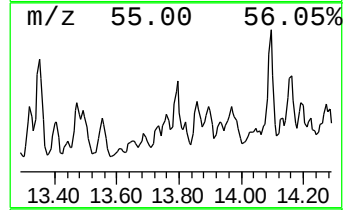
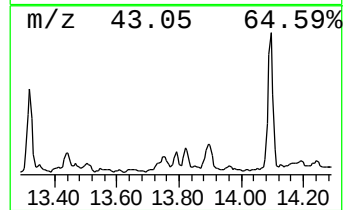
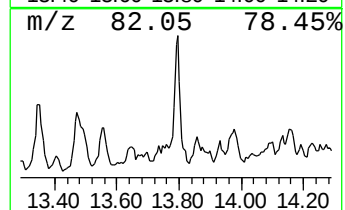
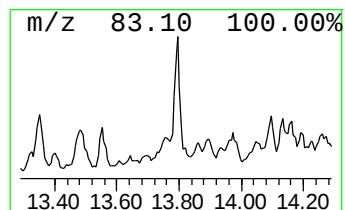
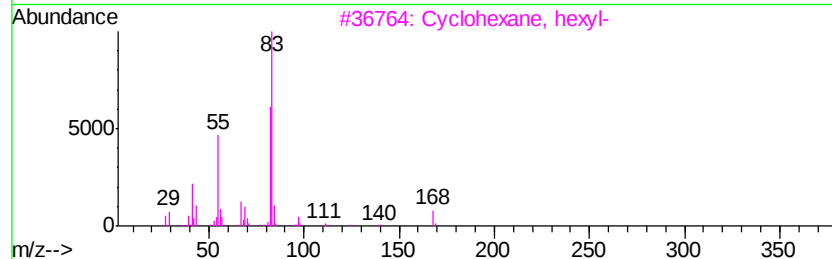
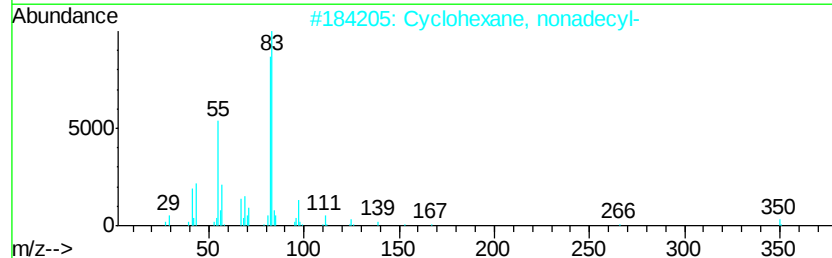
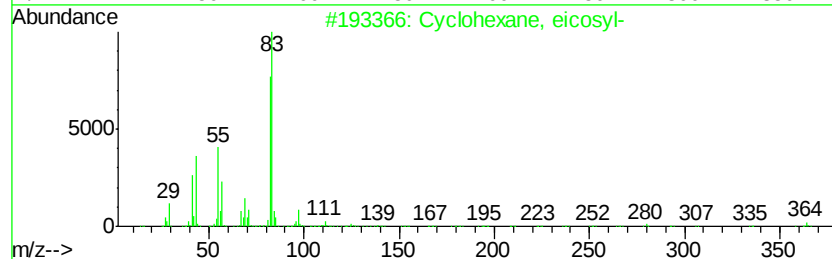
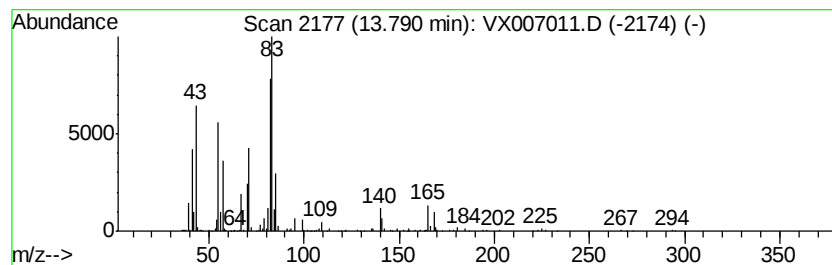
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, eicosyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.79	6.31 ug/l	302602	1,4-Dichlorobenzene-d4		12.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
2	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	50
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47



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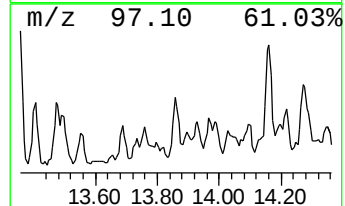
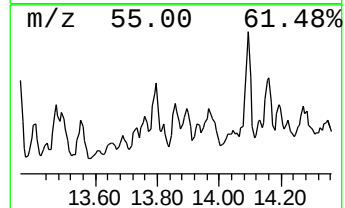
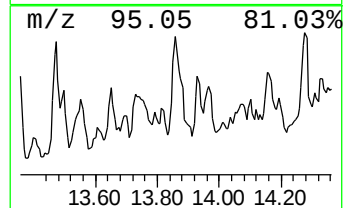
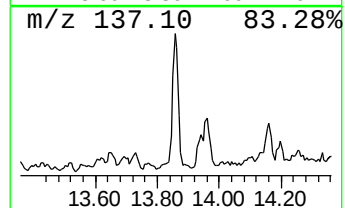
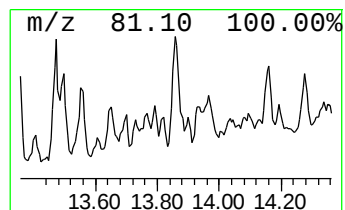
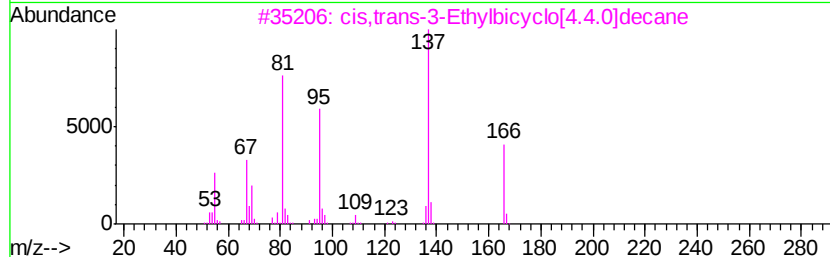
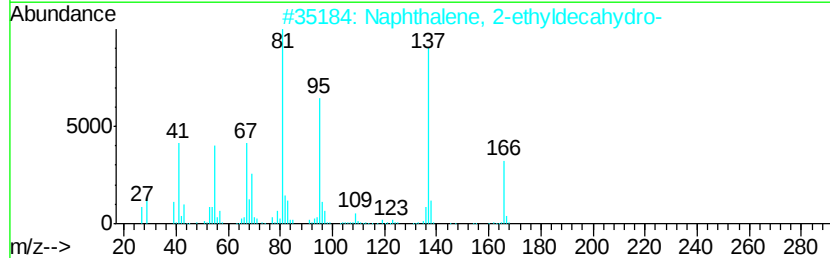
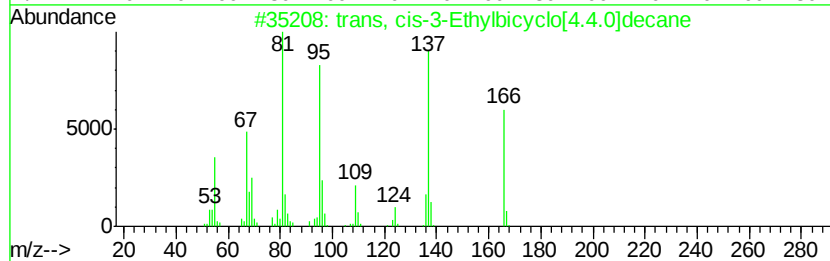
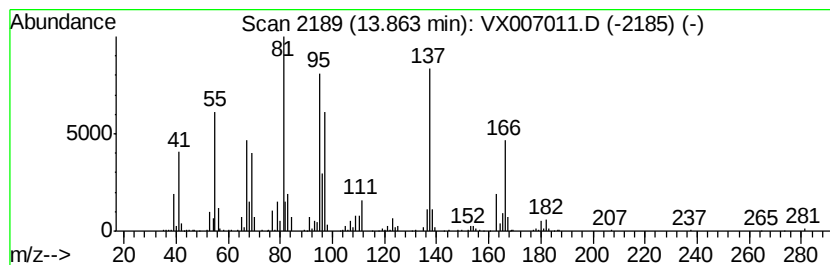
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Peak Number 6 trans, cis-3-Ethylbicyclo[4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.30 ug/l	302202	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3	90
2	Naphthalene, 2-ethyldecahydro-	166 C12H22	001618-23-1	89
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166 C12H22	066660-41-1	87
4	Trans, trans-2-ethylbicyclo[4.4.0]...	166 C12H22	066660-37-5	81
5	trans,trans-3-Ethylbicyclo[4.4.0]...	166 C12H22	058462-32-1	81



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Misc : 5.05µL/10µL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

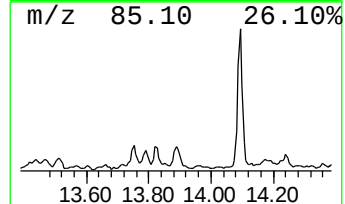
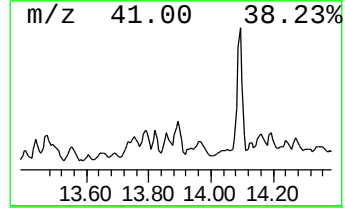
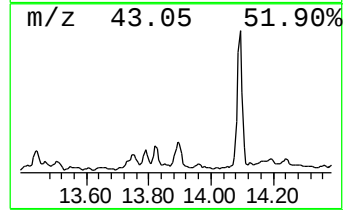
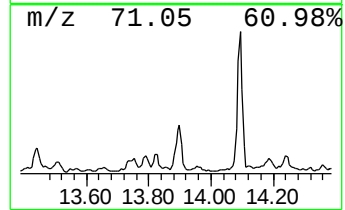
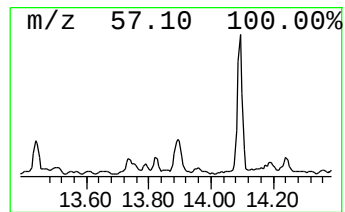
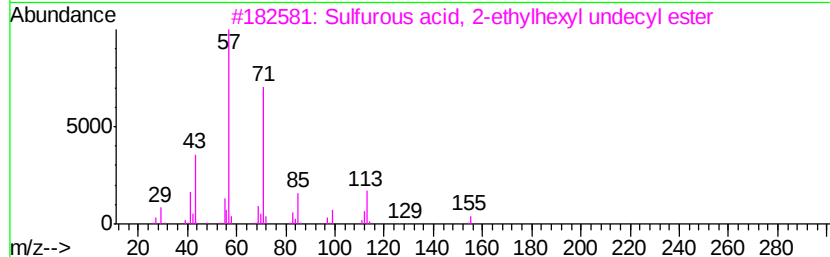
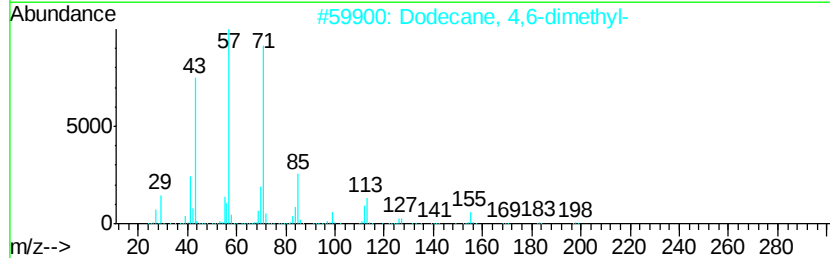
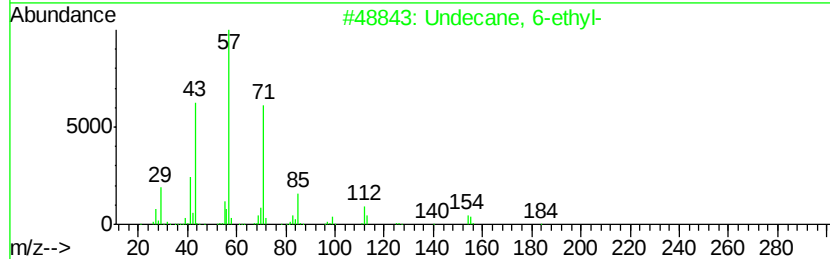
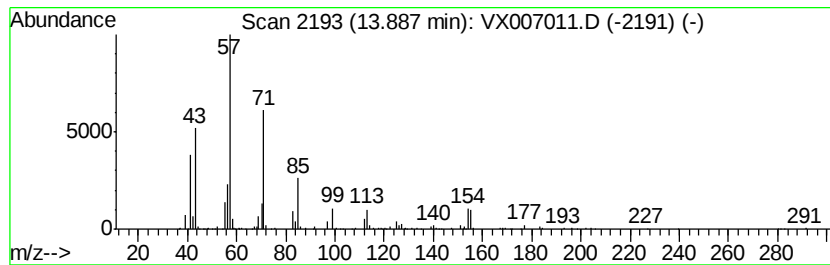
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 7 Undecane, 6-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.25 ug/l	395810	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 6-ethyl-	184 C13H28	017312-60-6	72
2	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	72
3	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	72
4	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	64
5	Tridecane, 7-methyl-	198 C14H30	026730-14-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011119\
Data File : VX007011.D
Acq On : 11 Jan 2019 14:10
Operator : JC/SP
Sample : K1100-01
Misc : 5.05µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

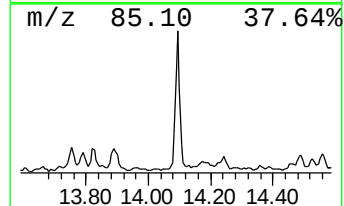
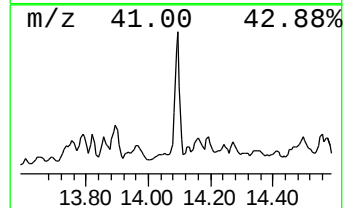
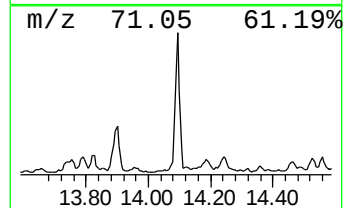
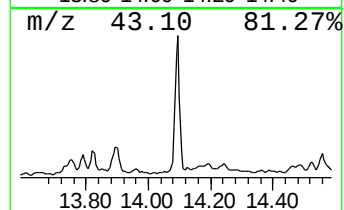
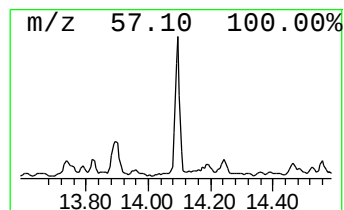
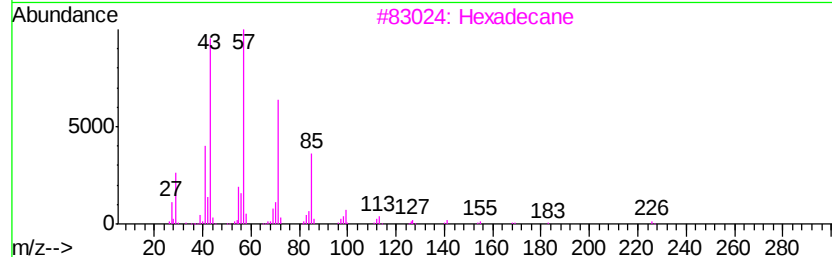
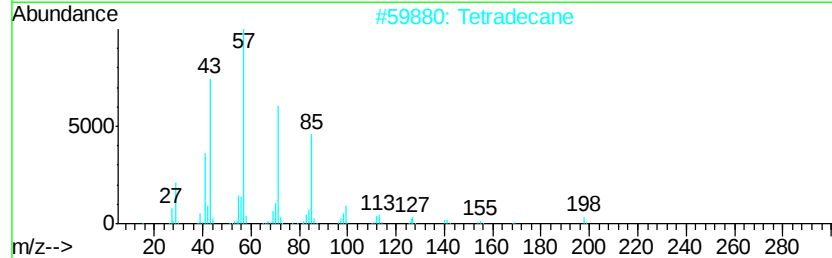
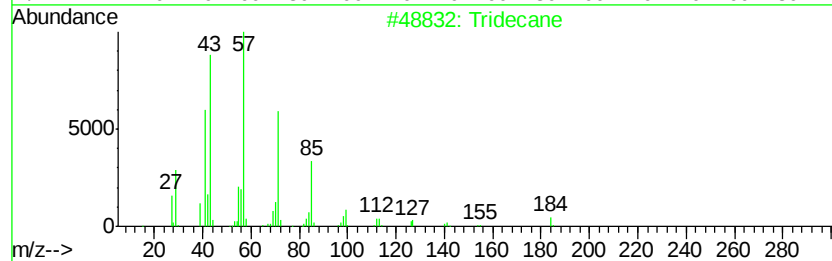
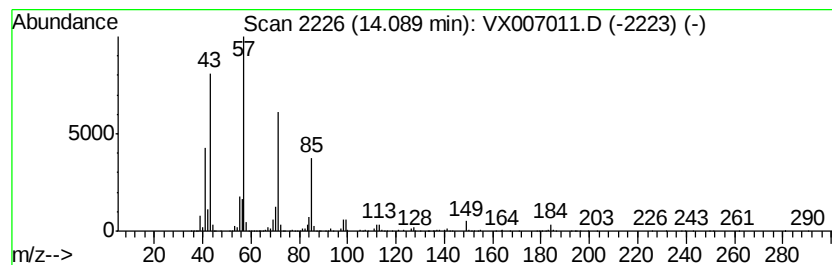
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	17.50 ug/l	839432	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	94
2	Tetradecane	198 C14H30	000629-59-4	90
3	Hexadecane	226 C16H34	000544-76-3	87
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	78
5	Dodecane	170 C12H26	000112-40-3	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
Data File : VX007011.D
Acq On : 11 Jan 2019 14:10
Operator : JC/SP
Sample : K1100-01
Misc : 5.05µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

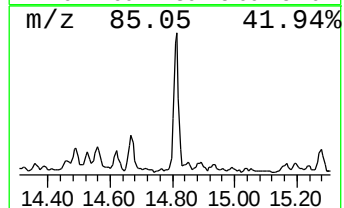
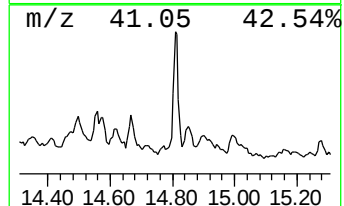
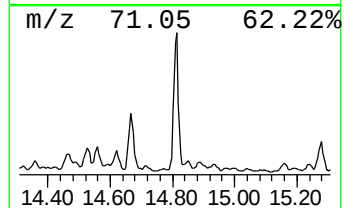
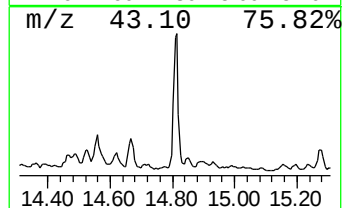
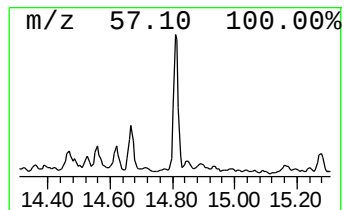
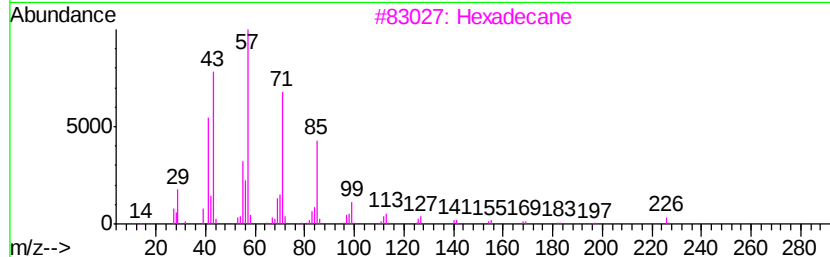
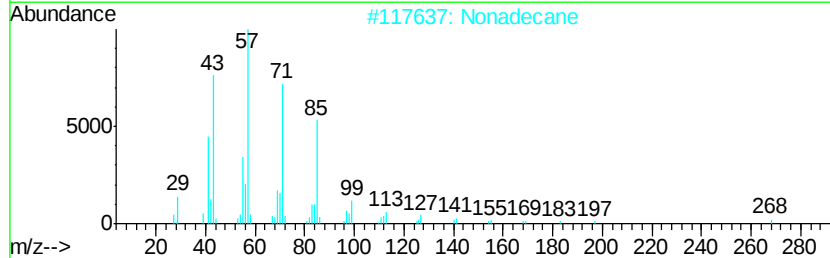
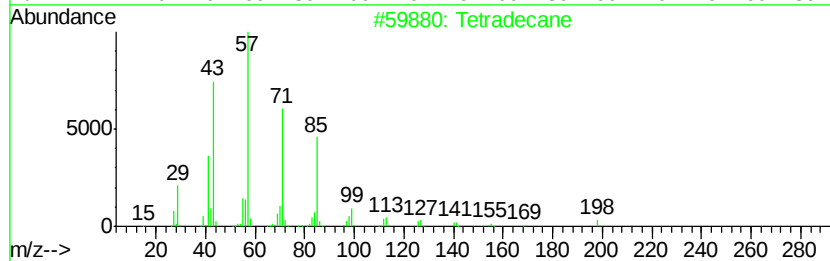
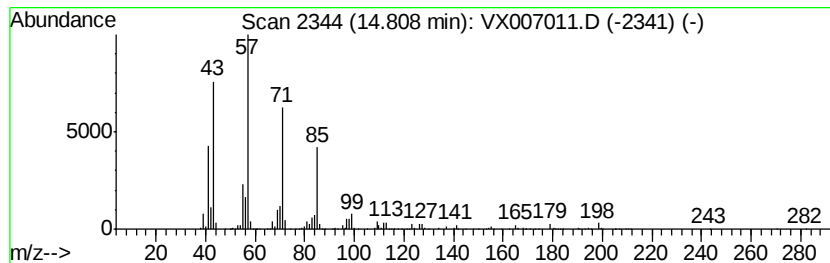
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	11.70 ug/l	561302	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Nonadecane	268	C19H40	000629-92-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011119\
Data File : VX007011.D
Acq On : 11 Jan 2019 14:10
Operator : JC/SP
Sample : K1100-01
Misc : 5.05µL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

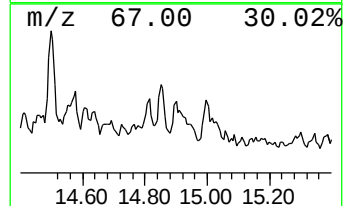
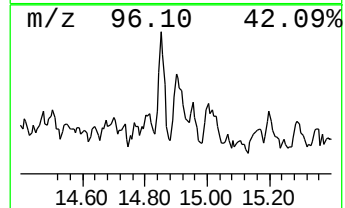
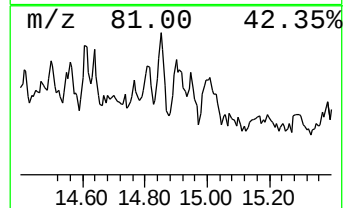
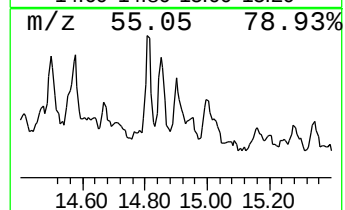
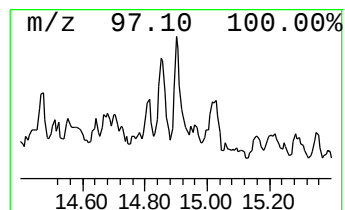
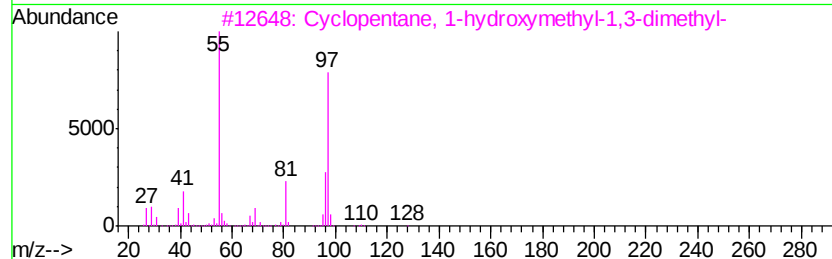
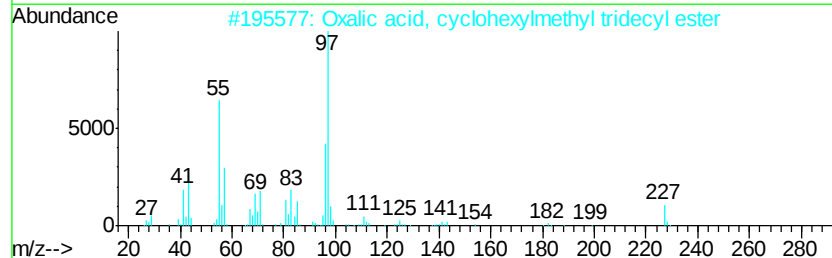
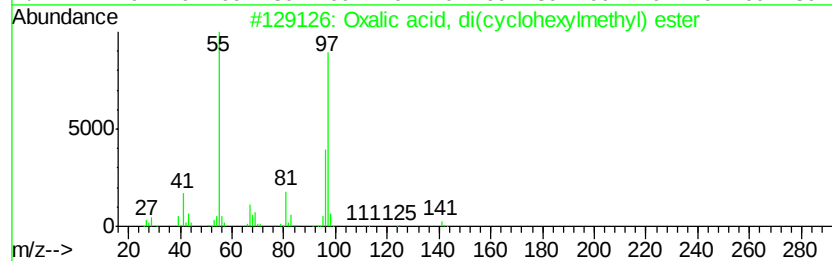
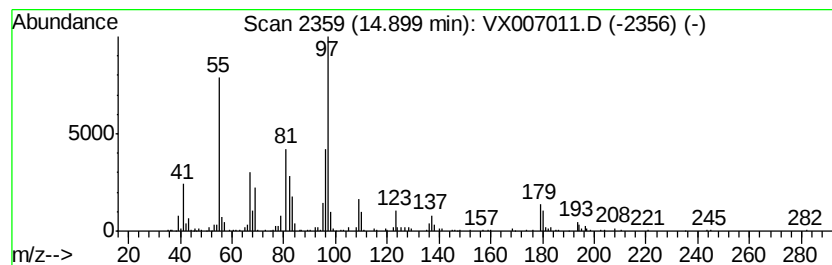
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

Peak Number 10 Oxalic acid, di(cyclohexylm... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.90	7.10 ug/l	340540	1,4-Dichlorobenzene-d4	12.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, di(cvclohexylmethvl...	282	C16H26O4	1000309-68-5	58	
2	Oxalic acid, cvclohexylmethvl tr...	368	C22H40O4	1000309-69-1	53	
3	Cvclopentane, 1-hydroxvmethvl-1,...	128	C8H16O	1000156-73-8	53	
4	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	53	
5	Oxalic acid, cyclohexylmethyl un...	340	C20H36O4	1000309-68-8	53	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
Data File : VX007011.D
Acq On : 11 Jan 2019 14:10
Operator : JC/SP
Sample : K1100-01
Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.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
Dodecane	13.32	9.3	ug/l	445600	4	12.08	2398860	50.0
trans,trans-1,6-D...	13.35	8.8	ug/l	419650	4	12.08	2398860	50.0
Cyclohexane, eico...	13.79	6.3	ug/l	302602	4	12.08	2398860	50.0
trans, cis-3-Ethy...	13.86	6.3	ug/l	302202	4	12.08	2398860	50.0
Undecane, 6-ethyl-	13.89	8.3	ug/l	395810	4	12.08	2398860	50.0
Tridecane	14.09	17.5	ug/l	839432	4	12.08	2398860	50.0
Tetradecane	14.81	11.7	ug/l	561302	4	12.08	2398860	50.0
Oxalic acid, di(c...	14.90	7.1	ug/l	340540	4	12.08	2398860	50.0