

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062795.D
 Acq On : 20 Jun 2019 15:48
 Operator : VA/AP
 Sample : K3447-08
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DISPENSER-2

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\82D061919S.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	1.479	3	5	23	rVB	198832	722886	31.85%	2.845%
2	3.232	178	183	189	rBV	21161	58718	2.59%	0.231%
3	3.832	239	244	247	rBV2	15253	38058	1.68%	0.150%
4	6.185	473	483	492	rBV2	40967	142558	6.28%	0.561%
5	6.943	552	560	567	rBV	422005	1210457	53.34%	4.763%
6	7.061	567	572	589	rVB	740432	2164854	95.39%	8.519%
7	7.475	607	614	631	rVB2	330852	1074708	47.35%	4.229%
8	8.242	686	692	702	rBV	886129	2170349	95.63%	8.541%
9	10.428	909	914	923	rBV	929415	2074453	91.41%	8.164%
10	11.245	990	997	1003	rBV2	22214	55099	2.43%	0.217%
11	12.387	1109	1113	1119	rVB	1385603	2269512	100.00%	8.931%
12	13.568	1230	1233	1241	rVB	1214767	1640735	72.29%	6.457%
13	14.533	1327	1331	1334	rBV	1591231	2108004	92.88%	8.296%
14	14.789	1355	1357	1363	rBV2	23041	37251	1.64%	0.147%
15	14.897	1365	1368	1373	rBV2	88621	102767	4.53%	0.404%
16	15.133	1389	1392	1393	rBV2	17330	26298	1.16%	0.103%
17	15.173	1393	1396	1399	rVB4	18244	35773	1.58%	0.141%
18	15.242	1399	1403	1405	rBV4	15283	29522	1.30%	0.116%
19	15.291	1405	1408	1410	rBV3	19264	29988	1.32%	0.118%
20	15.330	1410	1412	1413	rBV	34196	42432	1.87%	0.167%
21	15.389	1417	1418	1421	rVB2	57830	75455	3.32%	0.297%
22	15.448	1421	1424	1431	rBV4	40988	120411	5.31%	0.474%
23	15.586	1434	1438	1440	rBV2	31068	68912	3.04%	0.271%
24	15.655	1442	1445	1453	rBV3	311454	623583	27.48%	2.454%
25	15.754	1453	1455	1457	rBV2	116130	153543	6.77%	0.604%
26	15.813	1457	1461	1464	rVB4	92722	185326	8.17%	0.729%
27	15.921	1464	1472	1473	rBV2	86469	231069	10.18%	0.909%
28	15.941	1473	1474	1476	rVB2	88739	80624	3.55%	0.317%
29	16.010	1476	1481	1485	rBV4	119359	282413	12.44%	1.111%
30	16.059	1485	1486	1488	rBV2	37317	55055	2.43%	0.217%
31	16.157	1493	1496	1498	rVV3	236695	495583	21.84%	1.950%
32	16.187	1498	1499	1501	rVV	244106	282991	12.47%	1.114%
33	16.246	1501	1505	1507	rVV	268257	576172	25.39%	2.267%
34	16.325	1509	1513	1516	rVV	432762	744497	32.80%	2.930%

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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

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35	16.374	1516	1518	1520	rVV	200400	341882	15.06%	1.345%
36	16.433	1522	1524	1526	rVV3	115989	240813	10.61%	0.948%
37	16.492	1526	1530	1531	rVV2	197312	433190	19.09%	1.705%
38	16.521	1531	1533	1537	rVV	583124	898209	39.58%	3.535%
39	16.590	1537	1540	1542	rVV2	138798	299944	13.22%	1.180%
40	16.640	1542	1545	1548	rVV2	179557	411508	18.13%	1.619%
41	16.748	1552	1556	1558	rVV	350733	627683	27.66%	2.470%
42	16.787	1558	1560	1564	rVV5	76716	222535	9.81%	0.876%
43	16.886	1564	1570	1573	rVV2	309538	689404	30.38%	2.713%
44	16.935	1573	1575	1580	rVV3	174184	394292	17.37%	1.552%
45	17.004	1580	1582	1586	rVV3	69026	154856	6.82%	0.609%
46	17.073	1586	1589	1592	rVV4	95647	243040	10.71%	0.956%
47	17.122	1592	1594	1597	rVV3	58737	111161	4.90%	0.437%
48	17.171	1597	1599	1605	rVV2	56928	140532	6.19%	0.553%
49	17.260	1605	1608	1611	rVV5	31891	74742	3.29%	0.294%
50	17.309	1611	1613	1619	rVB5	17642	42279	1.86%	0.166%
51	17.467	1624	1629	1637	rVB5	23661	74972	3.30%	0.295%

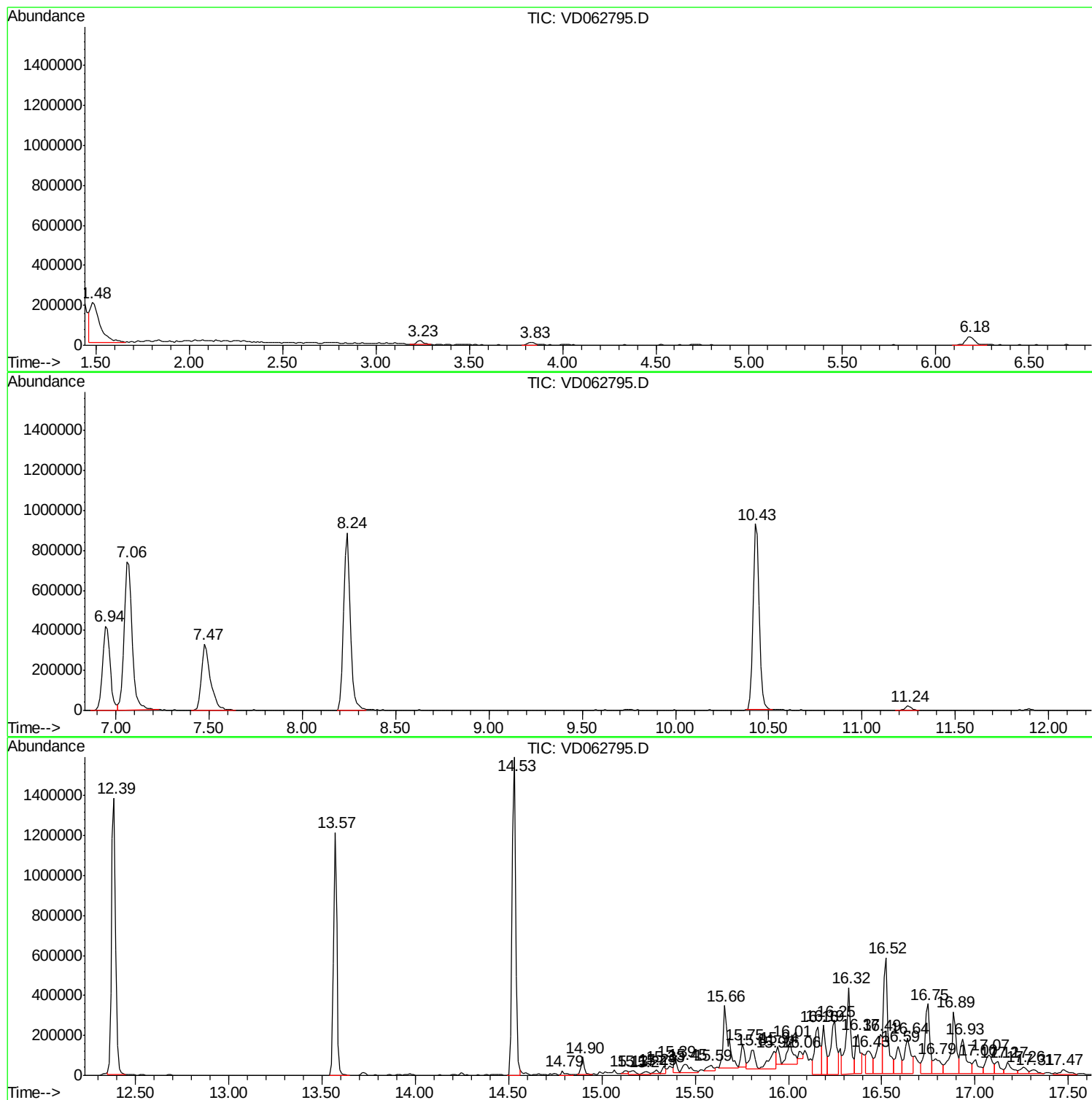
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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



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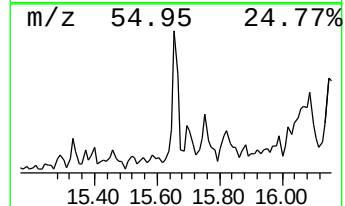
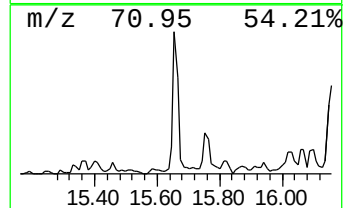
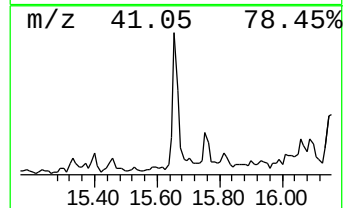
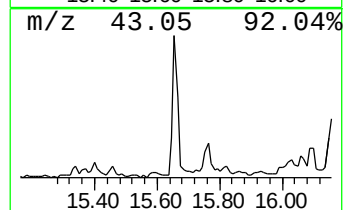
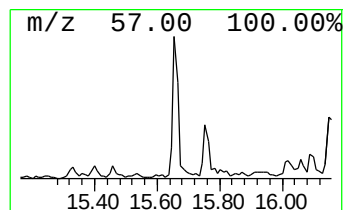
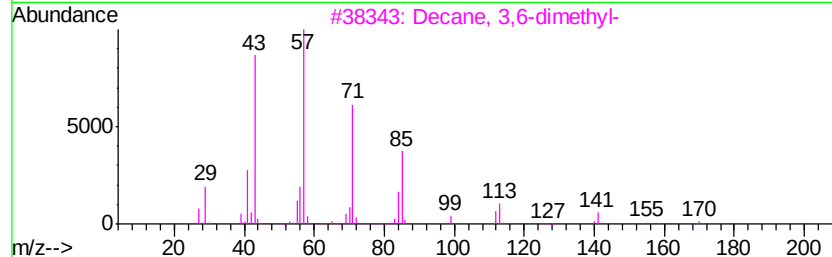
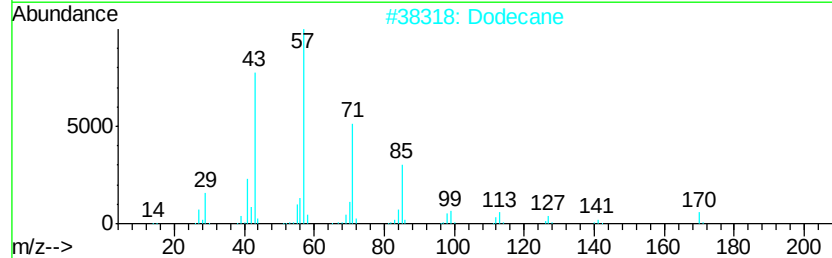
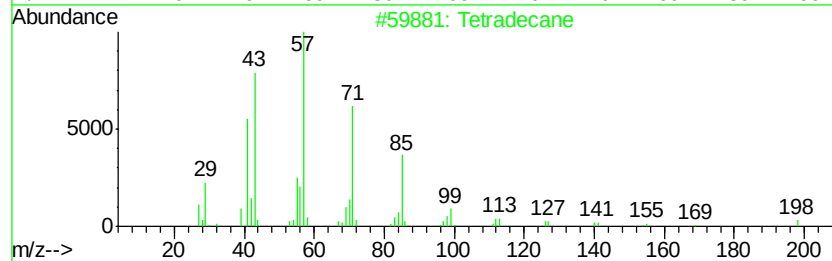
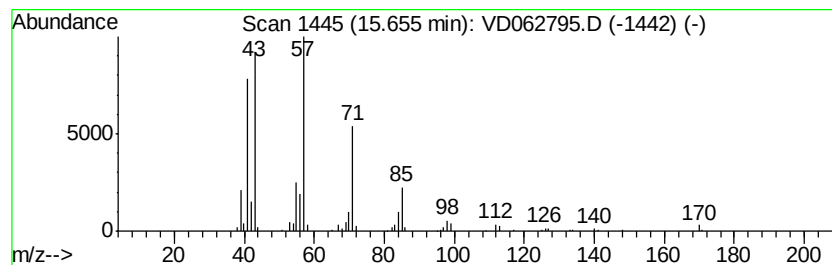
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260

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

 Peak Number 2 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	14.79 ug/l	623583	1,4-Dichlorobenzene-d4	14.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Dodecane	170	C12H26	000112-40-3	87
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
4		Tridecane	184	C13H28	000629-50-5	78
5		Undecane	156	C11H24	001120-21-4	78



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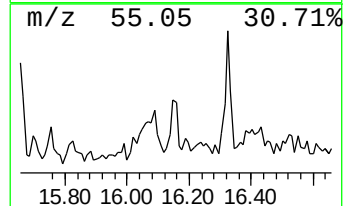
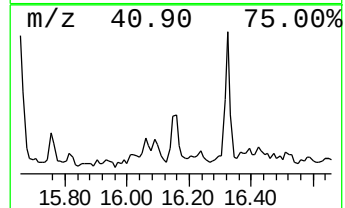
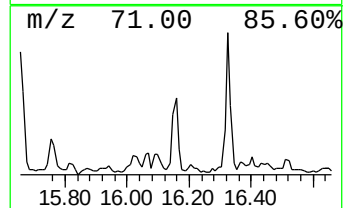
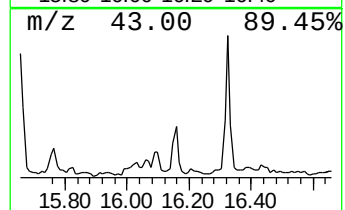
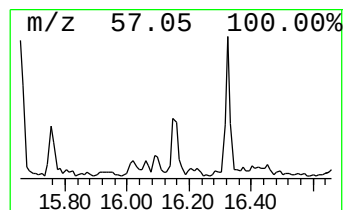
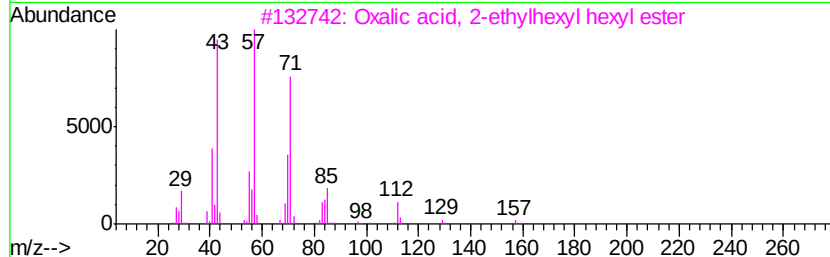
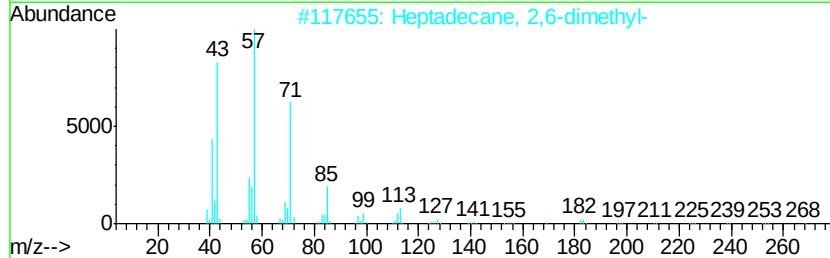
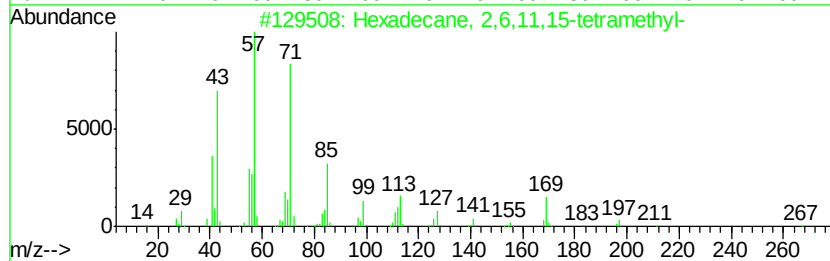
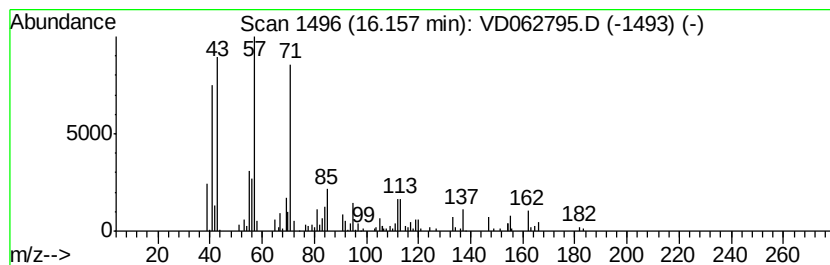
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Hexadecane, 2,6,11,15-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.75 ug/l	495583	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282 C20H42	000504-44-9	64
2	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	64
3	Oxalic acid, 2-ethylhexyl hexyl ...	286 C16H30O4	1000309-38-9	59
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	59
5	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	59



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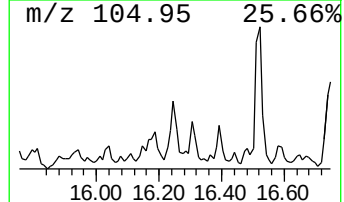
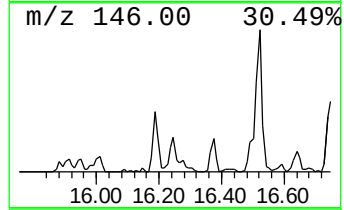
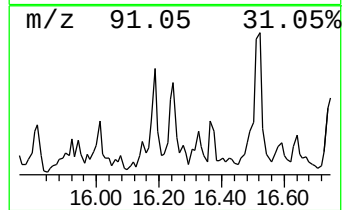
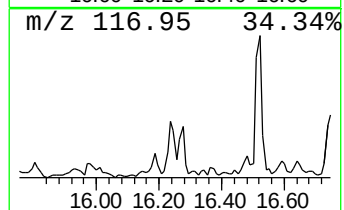
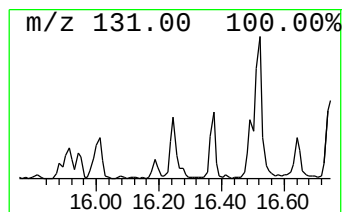
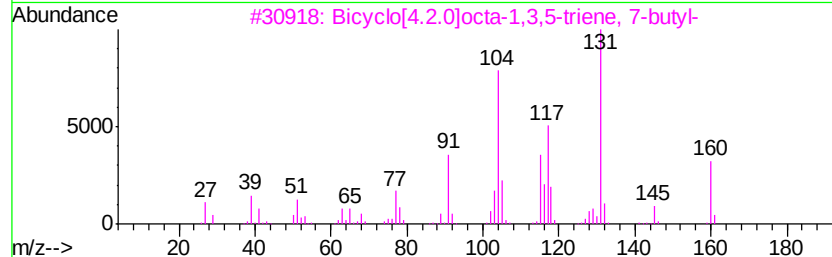
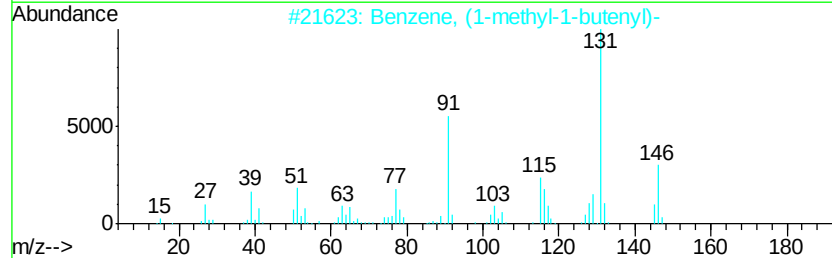
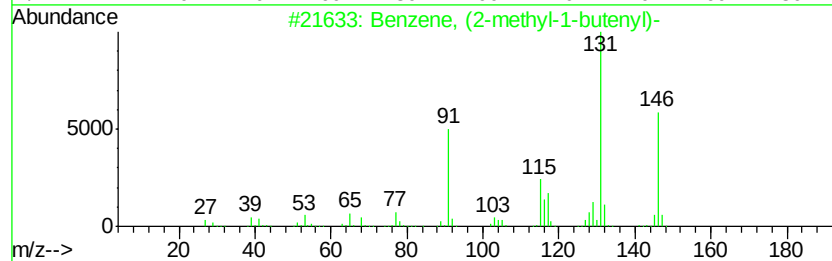
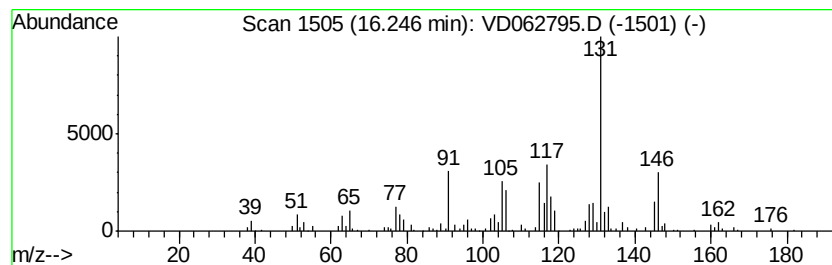
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	13.67 ug/l	576172	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 93
2		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 92
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	160 C12H16	078920-29-3 91
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 74
5		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 70



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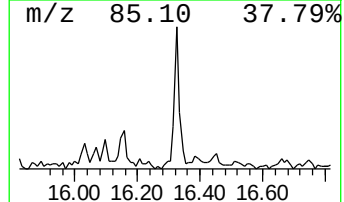
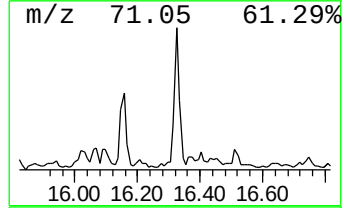
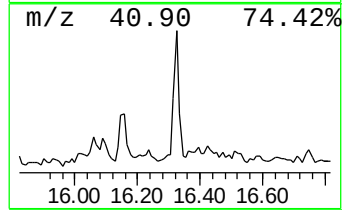
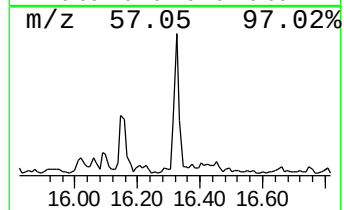
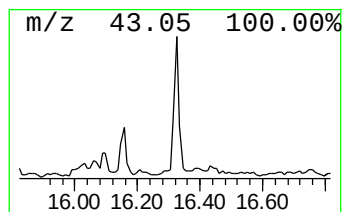
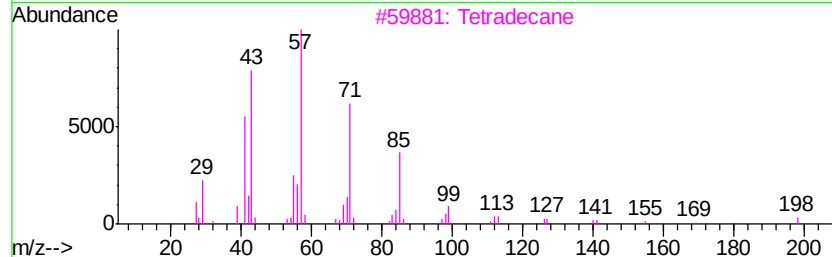
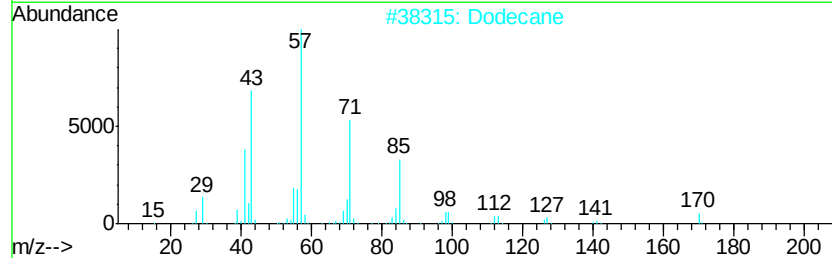
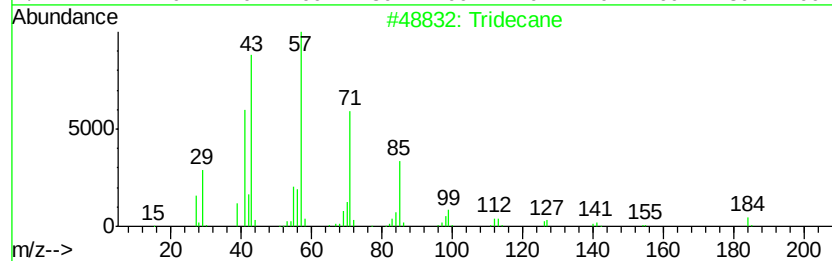
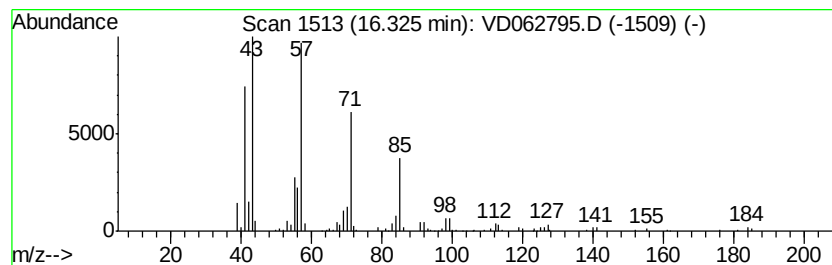
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Quant Title : SW846 8260

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

Peak Number 5 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	17.66 ug/l	744497	1,4-Dichlorobenzene-d4	14.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Dodecane		170	C12H26	000112-40-3	80
3	Tetradecane		198	C14H30	000629-59-4	80
4	Undecane		156	C11H24	001120-21-4	72
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64



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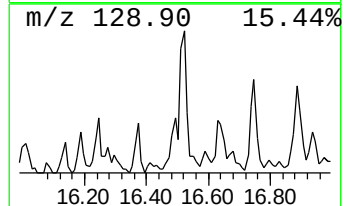
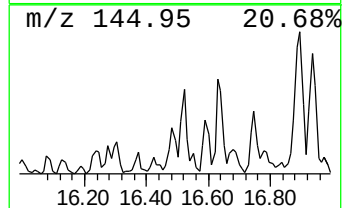
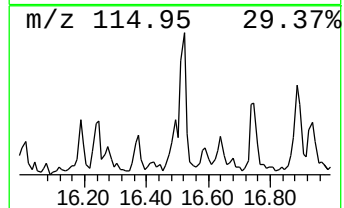
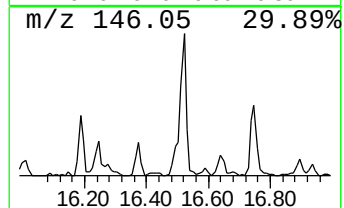
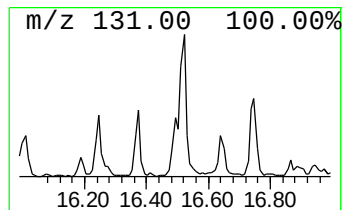
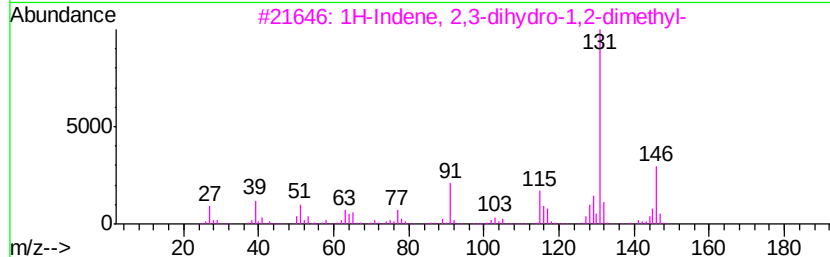
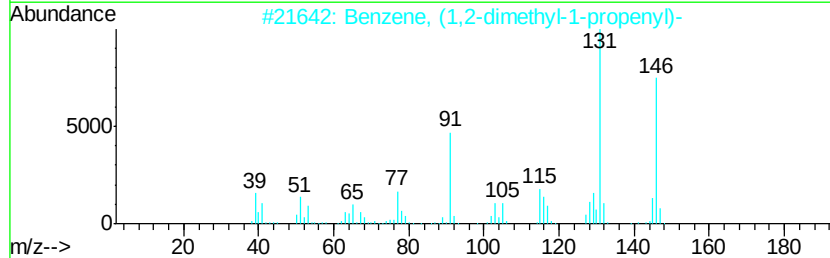
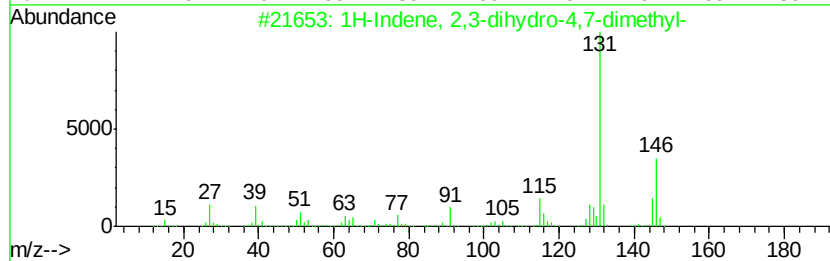
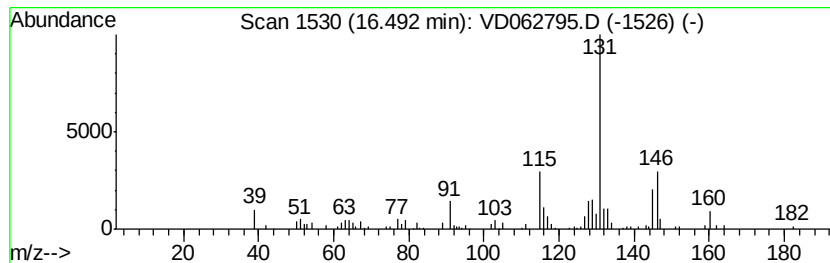
Instrument :
MSVOA_D
ClientSampleId :
DISPENSER-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	10.27 ug/l	433190	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	81
2	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	76
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8	76
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5	76
5	Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062795.D
Acq On : 20 Jun 2019 15:48
Operator : VA/AP
Sample : K3447-08
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

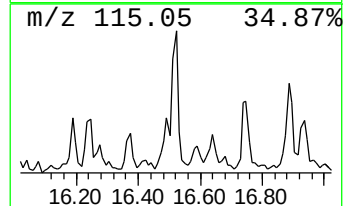
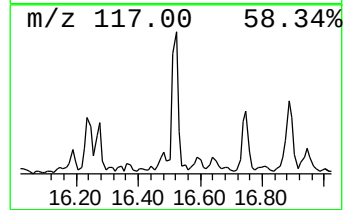
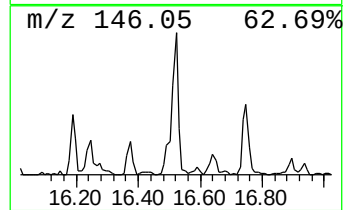
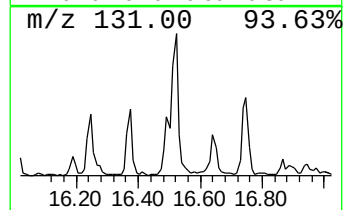
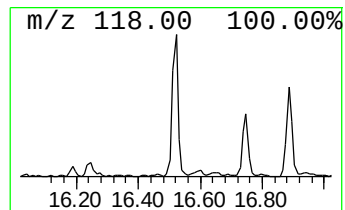
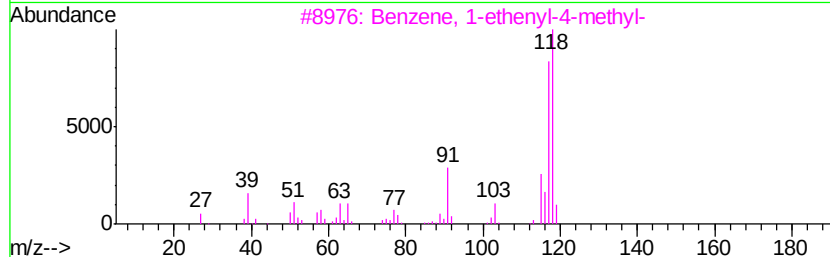
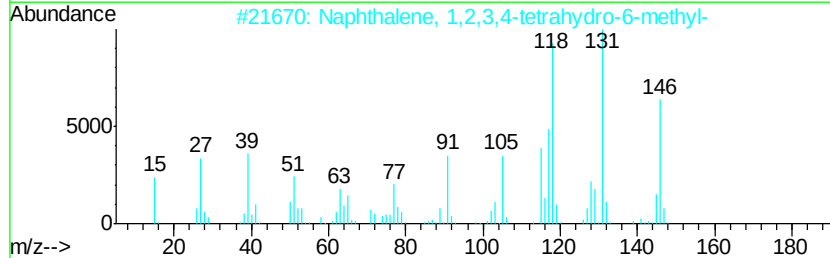
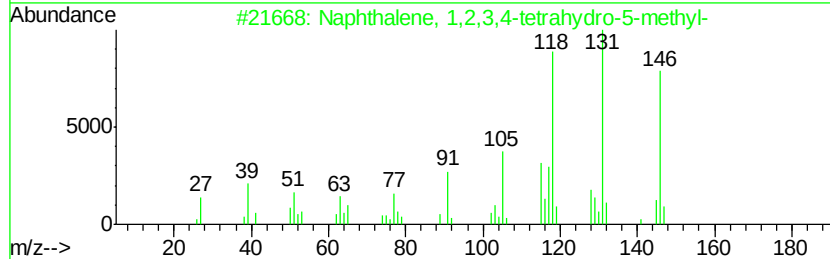
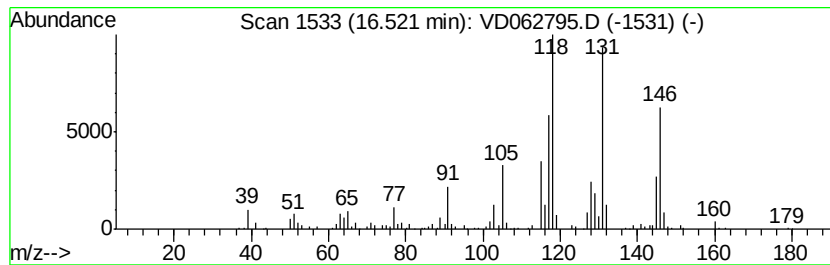
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ClientSampleId :
DISPENSER-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	21.30 ug/l	898209	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 93
3		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 81
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 76
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0 76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062795.D
Acq On : 20 Jun 2019 15:48
Operator : VA/AP
Sample : K3447-08
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

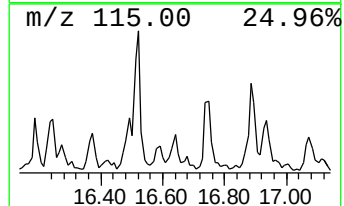
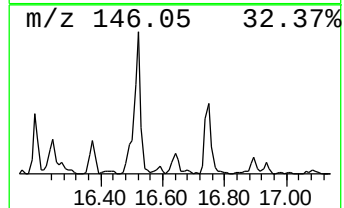
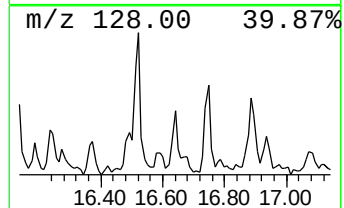
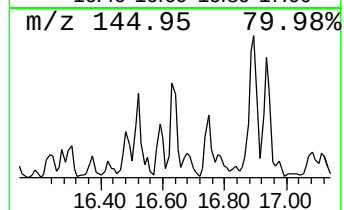
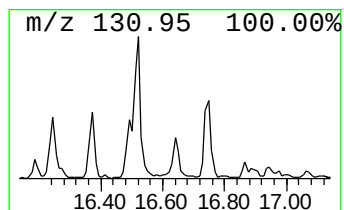
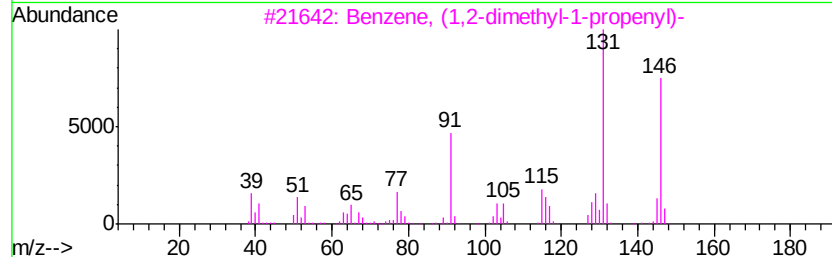
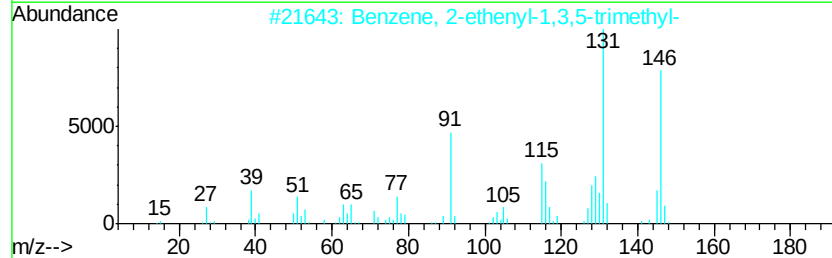
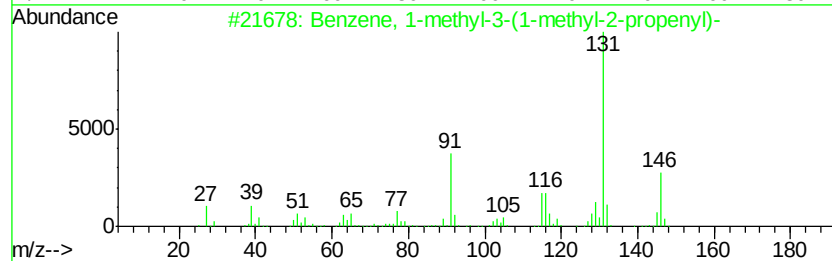
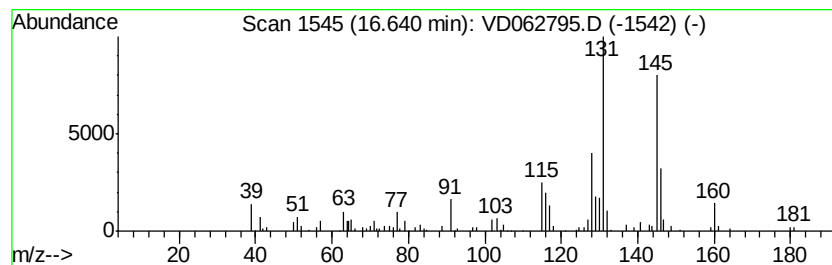
Instrument :
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ClientSampleId :
DISPENSER-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	9.76 ug/l	411508	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6	55
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5	55
3	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	55
4	Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062795.D
Acq On : 20 Jun 2019 15:48
Operator : VA/AP
Sample : K3447-08
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DISPENSER-2

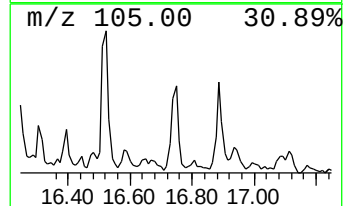
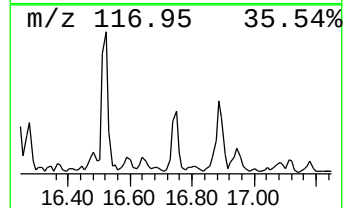
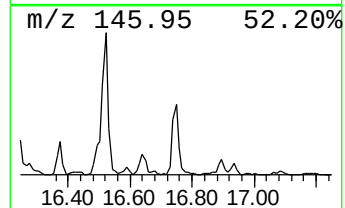
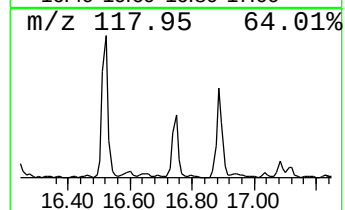
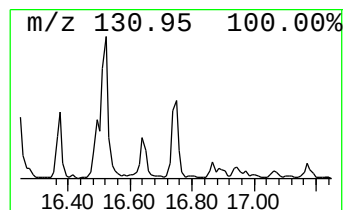
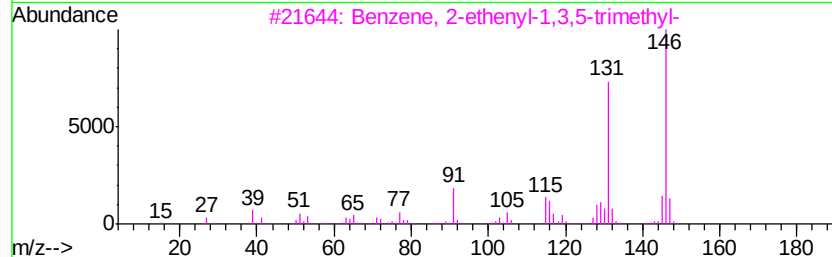
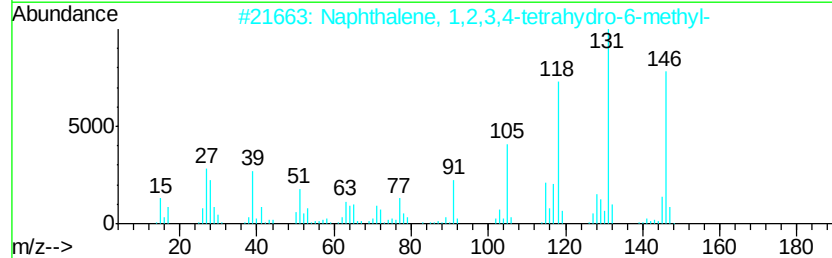
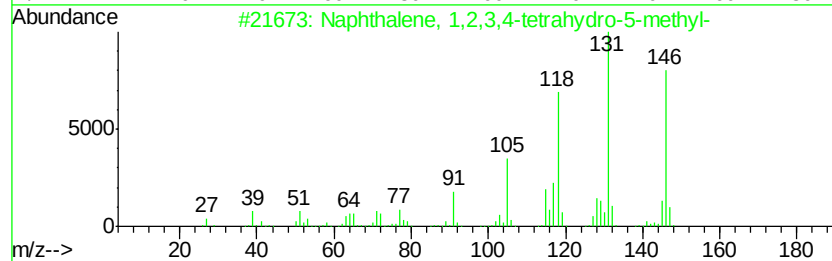
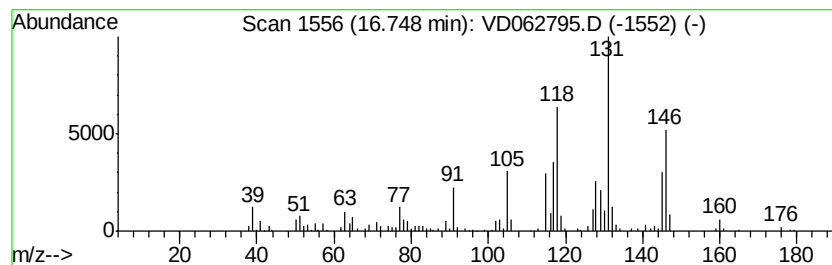
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	14.89 ug/l	627683	1,4-Dichlorobenzene-d4	14.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062795.D
Acq On : 20 Jun 2019 15:48
Operator : VA/AP
Sample : K3447-08
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

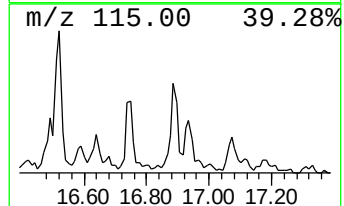
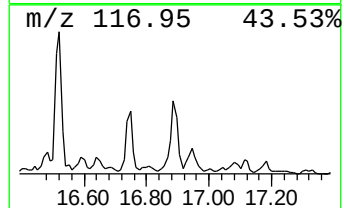
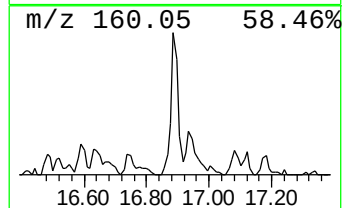
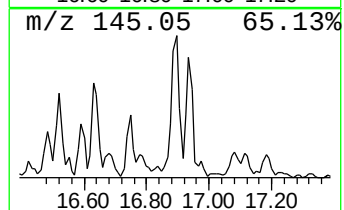
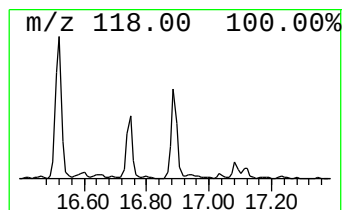
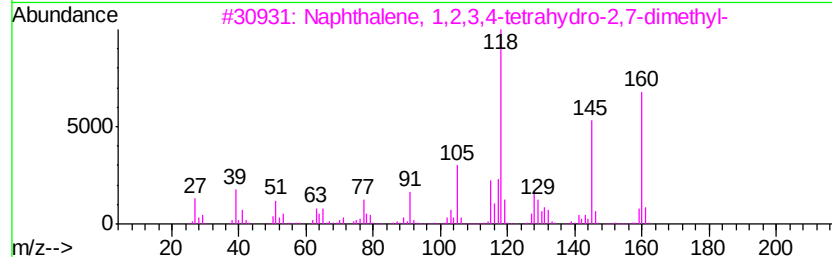
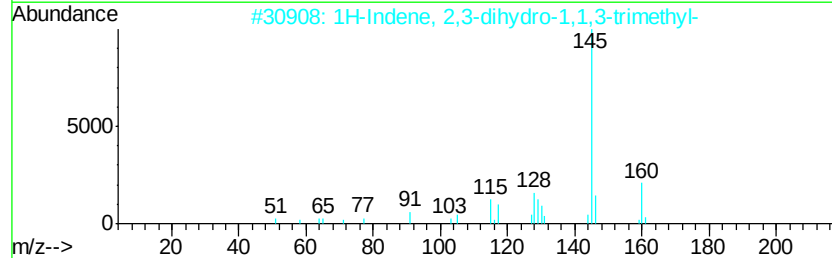
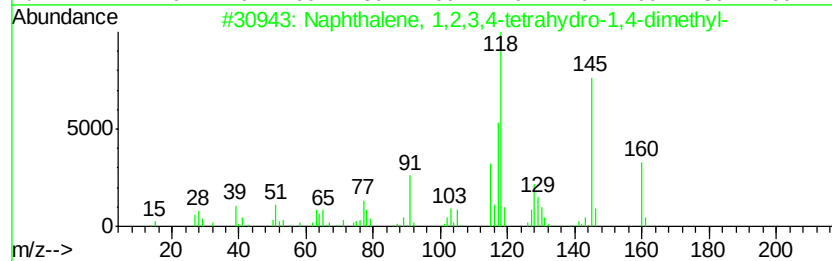
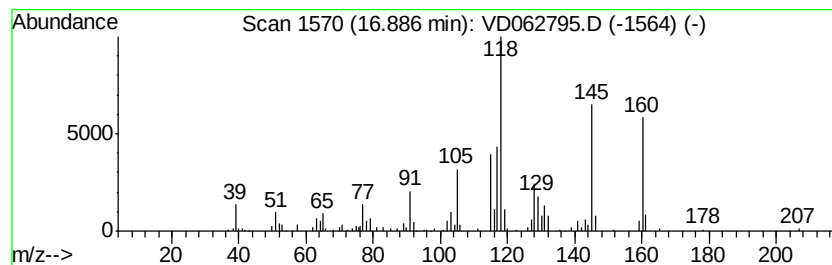
Instrument :
MSVOA_D
ClientSampled :
DISPENSER-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	16.35 ug/l	689404	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 97
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 92
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 90
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 70
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 66



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062019\
Data File : VD062795.D
Acq On : 20 Jun 2019 15:48
Operator : VA/AP
Sample : K3447-08
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DISPENSER-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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
Tetradecane	15.66	14.8	ug/l	623583	4	14.53	2108000	50.0
Hexadecane, 2,6,1...	16.16	11.8	ug/l	495583	4	14.53	2108000	50.0
Benzene, (2-methy...	16.25	13.7	ug/l	576172	4	14.53	2108000	50.0
Tridecane	16.32	17.7	ug/l	744497	4	14.53	2108000	50.0
1H-Indene, 2,3-di...	16.49	10.3	ug/l	433190	4	14.53	2108000	50.0
Naphthalene, 1,2,...	16.52	21.3	ug/l	898209	4	14.53	2108000	50.0
Benzene, 1-methyl...	16.64	9.8	ug/l	411508	4	14.53	2108000	50.0
Naphthalene, 1,2,...	16.75	14.9	ug/l	627683	4	14.53	2108000	50.0
Naphthalene, 1,2,...	16.89	16.4	ug/l	689404	4	14.53	2108000	50.0